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EXXON MINERALS COMPANY

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September 29, 1982

Environmental and Regulatory Affairs
JAMES E. GILCHRIST - Manager

Docket No. 40-8064

U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Attention: Mr. J. J. Linehan, Section Leader
Operating Facilities, Section I
Uranium Recovery Licensing Branch
Division of Waste Management

Subject: Restoration of Highland's Original Pilot Uranium Solution Mine

Gentlemen:

Under Source Material License No. SUA-1064 Exxon Minerals Company has conducted uranium solution mining research and development activities at two pilot well fields at its Highland, Wyoming site over the past ten and one-half years. This letter is 1) to notify you that we believe that maximum practical restoration of the Original Pilot well field has been achieved and is documented by our monitoring data; 2) to request your concurrence of same, and 3) to request authorization to decommission the Original Pilot well field, to properly plug and abandon the associated wells, and to reclaim the associated surface area.

In accordance with the conditions of Source Material License No. SUA-1064, as renewed, Exxon hereby submits the information and data described below:

Attachment I presents a historical summary of activities associated with the Original Pilot Uranium Solution Mine.

Attachment II presents restoration criteria and the post-restoration monitoring program for the Original Pilot Uranium Solution Mine.

Attachment III presents analytical results, in both tabular and graphical form, of fluid samples taken from the Original Pilot Uranium Solution Mine wells.

Attachment IV presents a comparison of fluid sample analytical results to restoration criteria and data from other wells at Highland, accompanied by a discussion of the comparisons.

Attachment V presents an evaluation of the existing groundwater quality in the aquifers above and below the Original Pilot ore zone.

ATTACHMENT VI presents Exxon's decommissioning and reclamation (including the original evaporation pond) plans for the Original Pilot Uranium Solution Mine.

DESIGNATED ORIGINAL

A DIVISION OF EXXON CORPORATION

Certified By

B. Fisher

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amend

In view of the attached information, and consistent with NRC's interest in not unnecessarily extending the unusually long restoration period of the Original Pilot, Exxon is of the opinion that maximum practical restoration of the Original Pilot has been achieved and demonstrated. The sampling data presented in Attachment III Appendices show that the concentrations of pertinent constituents of fluid samples decreased sharply within the first two years following termination of leach solution injection, and that they have been essentially asymptotic at acceptable levels since late-1979. Therefore, Exxon does not propose further activities directed towards groundwater quality restoration of the Original Pilot, nor does Exxon plan to continue post-restoration monitoring beyond that required by Condition No. 25 of the renewed license.

Since this action represents an application by Exxon for a lease amendment, a check for \$760 is attached to cover the minor amendment fee in accordance with 10 CFR 170.31(2)(B).

Sincerely,

James E. Gibbitt

JEG:HPE:ga
0620I
Attachments (as noted)

xc: W. Ackerman, Administrator, Wyoming Department of Environmental Quality
J. B. Shannon, Mine Manager, Highland Uranium Operations

ATTACHMENT I

HISTORICAL SUMMARY

OF

EXXON MINERALS COMPANY'S

ORIGINAL PILOT URANIUM SOLUTION MINE AT HIGHLAND

06201-4

ATTACHMENT I

SUMMARY

- . Three background water samples were collected and analyzed in May 1970.
- . Injection of leach solution was initiated on March 1, 1972.
- . Elevated uranium concentrations were detected at observation wells numbers 7 and 9 on June 25, 1973; returned to normal conditions by March 1974. (See Figure 1 for well field orientation.)
- . Elevated uranium concentrations were detected at observation wells numbers 7 and 9 in May 1974; returned to normal conditions by April 1975.
- . Injection of leach solution was terminated on November 7, 1974; restoration activities initiated at that time by initiating production of the injection well in addition to the six production wells.
- . During the leach solution injection period of March 1972 to November 1974, approximately 11.5 million gallons of leach solution were injected into the single injection well while approximately 10.9 million gallons of fluid were withdrawn from the six production wells.
- . Elevated uranium concentrations were detected at observation wells numbers 7 and 8 in August/September 1975; returned to less than MPC (44.3 mg/l) by August 1976.

- . Wells numbers 13 and 14 were installed (September 1, 1976, and March 15, 1979, respectively) and pumped in an attempt to increase groundwater sweeping of the center portion of the well field.
- . During the period from August 1979 to April 1981 several of the wells were worked over with acid and/or acid-mud in an attempt to enhance the fluid pumping rate.
- . In an attempt to accelerate restoration of the center portion of the well field, starting in October 1980 a head of fresh groundwater was maintained on the six original production wells while the former injection well and wells numbers 13 and 14 were produced.
- . Starting in July 1981, and continuing to date, fresh groundwater has been added (under pressure) to only one of the original production wells while the former injection well, well number 13 and observation well number 7 have been produced.
- . During the restoration/post-restoration phase (from November 7, 1974, to July 15, 1982) a total of approximately 23.3 million gallons of fluid have been produced from the Original Pilot well field and discharged to the Highland Mill tailings basin. This volume represents sweeping approximately 6.6 pore volumes of groundwater through the mined region within the area circumscribed by the observation wells.

0620I-7

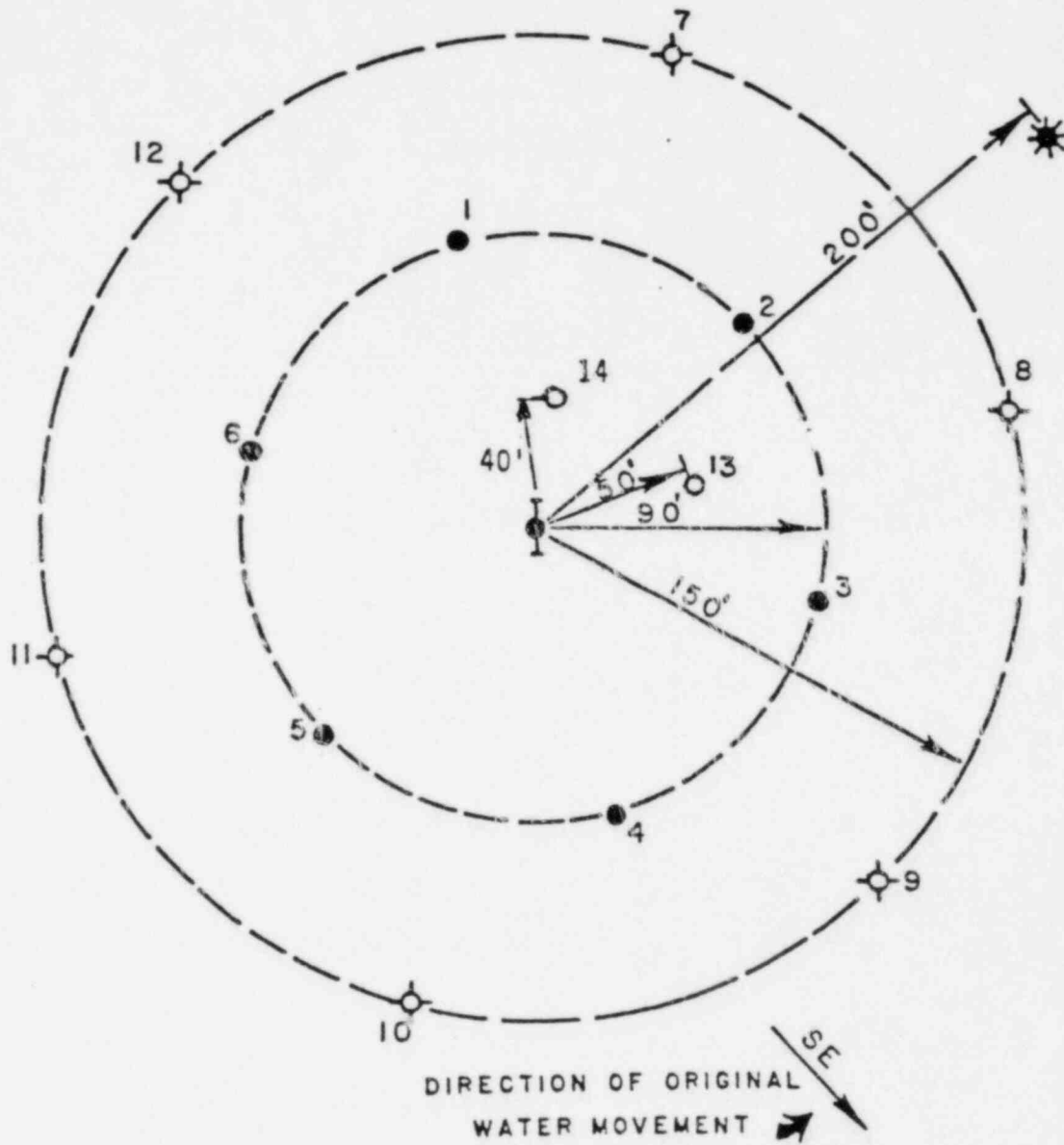
HISTORICAL SUMMARY

1. Figure 1 is a plot of the Original Pilot Uranium Solution Mine well field. The area within the circumference delineated by the observation wells is approximately 1.6 acres (70,700 square feet).






All of the 15 well-field wells were completed in the mined ore zone (Middle Highland Sandstone), on the dates shown below:

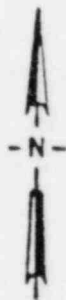
<u>Well ID</u>	<u>Completion Date</u>
Injector	3/10/71
Producer No. 1	10/27/69
Producer No. 2	5/06/70
Producer No. 3	11/10/69
Producer No. 4	5/01/70
Producer No. 5	11/22/69
Producer No. 6	5/04/70
Observation No. 7	6/15/70
Observation No. 8	5/25/70
Observation No. 9	6/05/70
Observation No. 10	6/02/70
Observation No. 11	5/28/70
Observation No. 12	6/09/70
Restoration Enhancement No. 13	9/01/76
Restoration Enhancement No. 14	3/15/79

FIGURE 1
ORIGINAL PILOT SOLUTION MINE WELL FIELD



Original Designations

- 
INJECTOR
- 
PRODUCER
- 
OBSERVATION WELL
- 
POTABLE WATER WELL (COMPLETED IN AQUIFER ABOVE THE ORE ZONE)
- 
1976 & 1979 RESTORATION ENHANCEMENT WELLS



2. Prior to implementing the initial solution mining pilot test, extensive laboratory and field tests were conducted to insure that the area selected was suitable for solution mining, and that the environment would be protected. All the wells (including observation wells) were drilled, cased, and sealed with a sufficient volume of cement to insure that the mineralized sandstone formation remained isolated from all other sandstone formations.

The injection well and all of the six original production wells were cored to obtain data on mineralization and the sand characteristics. The data, summarized in Table 1, show that the sand was very permeable and relatively uniform. Net sand thickness averaged 23 feet with an average horizontal permeability of 1088 millidarcys. Pore space averaged 29% of total sand volume. Measured horizontal permeability of the confining shale intervals above and below the mineralized sandstone was found to be less than 0.1 millidarcys; therefore, they were essentially impermeable relative to the mineralized sand. Documentation supporting the existence and continuity of the intervening shale layers is discussed in Attachment V.

Interference tests were conducted between the injection well and each of the six original production wells. These tests consisted of pumping fresh water into the injection well and measuring the time to pressure response, duration of response, and magnitude of pressure response at the individual production wells. Interpretation of these data permitted calculation of permeability-sand thickness products (Kh) for each pair of wells tested. These data were in good agreement with the values which were measured in the laboratory on respective cores. The tests established conclusively that fluid communication existed between wells and showed that fluids could be displaced effectively between wells.

TABLE 1

CORE ANALYSIS DATA

SOLUTION MINE PILOT

<u>Well No.</u>	<u>Net Sand Thickness (Ft.)</u>	<u>Average Horizontal Permeability To Water (md)</u>	<u>Porosity %</u>
Injection	23	1234	28
1	22	1029	30
2	23	812	-
3	31	1362	30
4	25	805	-
5	15	1005	29
<u>6</u>	<u>24</u>	<u>1269</u>	<u>-</u>
Avg.	23	1088	29

Measurements of water levels in the Original Pilot wells were used to determine the direction and rate of groundwater movement over a period of six months prior to initiating the solution mining pilot test operation. The maximum natural flow of groundwater within the mineralized sandstone was calculated to be approximately 0.05 feet per day, or 18 feet per year. This rate of flow was not considered sufficient to interfere with the proposed solution mining operation.

From this data it was concluded that the mineralized sandstone was reasonably homogeneous, bounded on top and bottom by zones of impermeable shale, and there was very little natural movement of groundwater within the ore zone.

3. In May 1970 water samples were collected from production wells number P-2, P-4 and P-6 and analyzed to determine the "typical" characteristics of the groundwater of the mineralized sandstone prior to injection of leach solution; see Table 2 and its attachment for the results of those samples. The results showed the premining water was not suitable for human consumption due to the high radioactivity.
4. Wyoming State Open Cut Land Reclamation Act Permit No. 67 was issued to Exxon (then Humble Oil & Refining Company) on August 3, 1970, for surface uranium mining. This permit was signed by the Commissioner of Public Lands, State of Wyoming (then A. E. King); solution mining was not included in this permit.

06201-10

TABLE 2

ORE ZONE WATER SAMPLE ANALYSIS*

HIGHLAND SOLUTION MINE PILOT

Sodium	161 ppm
Calcium	77 ppm
Magnesium	13 ppm
Chloride	27 ppm
Sulfate	119 ppm
Bicarbonate	237 ppm
Selenium	<0.5 ppm
Uranium	212 ppb
Radium-226	1.2×10^{-7} μ Ci/ml
Thorium-230	8.6×10^{-8} μ Ci/ml

*Average of 3 samples taken from 3 production wells in original pilot area during May, 1970.

HAZEN RESEARCH, INC.



4601 INDIANA STREET
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TELEPHONE 303/279-4547

REPORT OF ANALYSIS

To: Mr. Gerald D. Ortloff
Division of Humble Oil
Esso Production Research Company
P. O. Box 2189
Houston, Texas 77001

Date: June 10, 1970
Hri Project No. 666
Hri Series No. 2911

HRI No.	2911-1	2911-2	2911-3
Sample Designation	2	4	6
<i>ANALYST SAMPLE 1/2, well</i>	<i>2</i>	<i>4</i>	<i>6</i>
Elements			
Sodium	183. ppm	157. ppm	133. ppm
Calcium	78.9 ppm	76.3 ppm	76.3 ppm
Magnesium	13.5 ppm	13.3 ppm	13.5 ppm
Chloride	26.3 ppm	27.1 ppm	27.1 ppm
Sulfide	114. ppm	122. ppm	122. ppm
Bicarbonate	194. ppm	257. ppm	261. ppm

	U	Ra 226	Th 230
	<u>ppb</u>	<u>μc/ml x 10⁻⁸</u>	<u>μc/ml x 10⁻⁶</u>
2911-1, 2, 3 (Composite)	212	12.1	0.086
	As	Se	
	<u>(ppm)</u>	<u>(ppm)</u>	
	27.0	<0.5	

By: Alex Sitkin
Alex Sitkin
Chief Chemist

cc: Mr. K. E. Barrett

5. The Original Pilot Solution Mining activity was authorized by the Wyoming State Engineer's Office (Floyd A. Bishop, State Engineer at the time), and licensed by Source Material License No. SUA-1064 from the NRC (AEC at the time).

Exxon submitted an application for a source material license, along with an associated environmental impact report (ER), to the NRC on September 17, 1970. Source Material License No. SUA-1064 was issued November 12, 1970, with no added conditions. The application (including the ER) did not specify any excursion parameters, restoration targets, sampling locations or frequencies, sample analytical requirements, nor reporting requirements. The ER did refer to the analytical results of samples taken from three production wells in May 1970 prior to commencing injection as "typical concentrations."

6. Injection of leach solution into the Original Pilot well field was initiated on March 1, 1972. The leach solution was an aqueous solution of sodium carbonate (0.32 lbs. Na/gal.) and sodium bicarbonate (0.32 lbs. Na/gal.), which was injected concurrently with gaseous oxygen. [It is to be noted that the concentration of Na in the leach solution used in the Original Pilot was approximately 100 times greater than that used in the Expanded R&D (second) Pilot.]
7. Monitoring for migration of injected leach solution beyond the injection-production pattern was accomplished by sampling and analyzing fluids from the six observation wells. The dissolved uranium concentration was used as the primary indicator of the presence or absence of leach solution at the observation wells.

8. Elevated uranium concentrations were first detected at observation wells (numbers 7 and 9) on June 25, 1973. At that time, approximately 4.2 million gallons of leach solution had been injected, and approximately 2.5 million gallons of fluid had been produced from the six production wells. The early arrival of detectable levels of uranium at the observation wells was possibly due to stratification (variation in permeability at different depths) of the sandstone ore body, causing the leach solution to move more rapidly in the more permeable intervals and creating a "ragged" leading edge of the displacement front.

By continuing injection and production operations such that the average fluid withdrawal rate exceeded the average fluid injection rate, the leading edge of the leaching solution was brought back toward the injection well. By March 1974 uranium concentrations at the observation wells were below the analytical limit of detection.

Difficulties with production well pumping equipment during the period from May 1974 until August 1974 restricted the fluid production rate. Consequently, the average injection rate again exceeded the average production rate during this period, and uranium was again detected at observation wells numbers 7 and 9 in May 1974. However, observed uranium concentrations again dropped as the production rate was increased relative to the injection rate, and uranium concentrations at the observation wells were below the analytical limit of detection by April 1975.

9. Injection of leach solution into the Original Pilot well field was terminated on November 7, 1974, and restoration was started at that time by continuing to pump the six original production wells, as well as the former injector, at an average total rate of approximately 21,600 gallons/day.

The groundwater cleanup (restoration) plan required pumping from the six production wells and the one injector well in the Original Pilot well field pattern to pull natural groundwater through the formation, flushing the leach solution to the seven producing wells until the concentration of uranium in the produced solution was reduced to levels acceptable for unrestricted areas (10 CFR 20, Appendix B, Table II, Column 2: 3×10^{-5} $\mu\text{Ci/ml}$, or approximately 44.3 mgU/liter), and concentrations of nonradioactive elements were down to acceptable levels.

10. During the injection period, approximately 11.5 million gallons of leach solution were injected while approximately 10.9 million gallons of fluid were withdrawn from the six production wells. Withdrawn fluids were recycled to the injection well after uranium had been extracted by ion exchange.
11. Wyoming State Open Cut Land Reclamation Permit No. 67 was converted to Wyoming State DEQ/LQD Permit No. 218-C on November 26, 1974, and was issued to Exxon Company, U.S.A. This permit was for "mining uranium ore," and did not include uranium solution mining.

06201-13

12. Following termination of leach solution injection, produced fluids were (and still are) discharged to the Highland Mill tailings basin, rather than being reinjected. During the initial phase of restoration uranium was extracted from the produced fluids by ion exchange prior to discharge of the fluids to the tailings basin.

13. Fluid pressure in the Original Pilot well field area dropped when injection was terminated, and the low-volume airlift sampling system ceased to be effective. Samples from the observation wells had to be obtained by use of a thief-sampler on a wire line for a period of time. To overcome this problem, the airlift sampling system was revamped and a large air compressor was employed. Early in August 1975 approximately 1,300 gallons of fluid were airlifted from each of the six observation wells, and the modified airlift sampling system has been routinely used to obtain subsequent samples.

Following the vigorous airlift treatment, significant uranium concentrations reappeared (August/September 1975) at observation wells numbers 7 and 8. These concentrations were probably the result of the airlift treatment's temporarily pulling uranium-bearing fluid back toward the two observation wells.

By January 1976 the uranium concentrations of observation well number 8 samples were below MPC (44.3 mg/l), and have remained so.

By April 1977 the uranium concentrations of observation well number 7 samples were below MPC, and have remained so except for two individual samples.

14. During the period from November 7, 1974 (termination of leach solution injection) to April 26, 1977, approximately 19.5 million gallons of fluid were produced from the six original production wells and the former injection well, and discharged to the Highland Mill tailings basin.

15. License No. SUA-1064 was renewed on August 12, 1976, with no added conditions. The renewal application (October 7, 1975) did not specify any excursion parameters, restoration targets, sampling points or frequencies, sample analytical requirements, nor reporting requirements for the Original Pilot. In the discussion accompanying the renewal application, Exxon stated that fluid production with no injection would be continued until the uranium concentrations of produced fluids and the uranium concentrations in the observation wells were below MPC (44.3 mg/l), at which time it was anticipated that concentrations of carbonate, bicarbonate, Ra-226 and Th-230 would not differ significantly from respective concentrations in samples obtained from the three production wells in May, 1970 (prior to leach solution injection).

16. Wells numbers 13 and 14 were installed (9/1/76 and 3/15/79, respectively) in the Original Pilot well field and pumped in an attempt to increase groundwater sweeping of the center portion of the well field. The six original production wells and the former injection well continued to be pumped concurrently.

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17. Since actions taken up to this time had not enabled Exxon to significantly increase the fluid pumping rate from the Original Pilot well field, Exxon considered the possibility that the amount of sodium injected in the leach solution (see item number 6 of this Attachment) had caused partial plugging of the aquifer associated with the mined region. Therefore, in an attempt to enhance the fluid pumping rate, several of the associated wells were worked over with acid (HCl) and/or acid-mud (HCl-HF), as indicated below:

<u>Date</u>	<u>Well ID</u>	<u>Type of Workover</u>
8/9/79	Producer No. 2	Acid
	Producer No. 5	Acid
	Producer No. 6	Acid
	Producer No. 13	Acid
	Producer No. 14	Acid
	Injector (former)	Acid
1/20/81	Producer No. 13	Acid
	Producer No. 14	Acid & Acid-Mud
4/9/81	Observation No. 7	Acid

06201-16

18. The acid/acid-mud workovers of the wells did not significantly increase the fluid pumping rate.

In October 1980 Exxon notified both the DEQ/LQD and NRC of its intention to inject fresh groundwater into the six original production wells of the Original Pilot while continuing to produce from the former injection well and wells numbers 13 and 14. It was anticipated that productivity of the three center wells would be increased, thereby accelerating restoration of the central portion of the well field.

Exxon initiated this procedure in October 1980 by keeping a head of fresh groundwater on all six original production wells and producing the former injector and wells numbers 13 and 14.

Very little increased productivity was realized. Therefore, starting in July 1981 fresh groundwater was added (under pressure) to only one production well (P-2), while production continued from the former injector, well number 13 and observation well number 7. Production attempts of well number 14 were discontinued. Since July 1981 the Original Pilot well field has been operated in this manner; however, the production rate has continually decreased.

19. On July 28, 1981, Exxon applied to the NRC for renewal of Source Material License No. SUA-1064.

20. On June 30, 1982, Source Material License No. SUA-1064 was renewed. The renewed license is conditioned with detailed requirements on the Original Pilot in the areas of restoration monitoring schedule and sample analyses, routine inspections, surveys, restoration objectives, as well as restoration, reclamation and decommissioning guidelines and requirements.

0620i-18

ATTACHMENT II

RESTORATION CRITERIA & POST-RESTORATION MONITORING REQUIREMENTS

FOR

EXXON MINERALS COMPANY'S

ORIGINAL PILOT URANIUM SOLUTION MINE AT HIGHLAND

ATTACHMENT II
HISTORICAL SUMMARY

As noted in item number 5 of Attachment I, the Original Pilot Uranium Solution Mine at Highland was initially licensed (Source Material License No. SUA-1064) by the AEC (NRC) on November 12, 1970. At the time, the Wyoming State Department of Environmental Quality did not exist, and the only restoration criterion established for the Original Pilot was contained in the associated Applicant's Environmental Report (Humble Oil & Refining Company-September, 1970)--the criterion being, "the production of resident leach solution will be continued for as long as significant concentration of leach solution can be detected in the produced fluid."

Source Material License No. SUA-1064 was renewed by the NRC on August 12, 1976. The renewed license referenced Exxon's October 9, 1975, License Renewal Application which included the following commitment to restoration at the Original Pilot: "Production will continue until the concentration of uranium in the produced water and the concentration of uranium observed in the observation wells is below the MPC for unrestricted areas as listed in Column 2, Table II, Appendix B, 10 CFR 20;" the MPC value is 3×10^{-5} $\mu\text{Ci/ml}$ (3×10^4 pCi/l), which converts to a uranium concentration of 44.3 mg/l.

Source Material License No. SUA-1064 was amended (Amendment No. 2) by the NRC on May 24, 1978, to authorize operation of Exxon's Expanded R&D Pilot Uranium Solution Mine (second pilot well field) at Highland. The Amendment referenced Exxon's January 19, 1978, License Amendment Application which included the following commitment to restoration at the Original Pilot:

"Exxon intends to continue the current program of withdrawing fluids from the test area by pumping the wells in the test pattern, causing the natural groundwater in the sandstone formation surrounding the ore body to flow through the ore body and flush the remaining leach solution to the producing wells. Production will continue until the concentration of uranium in the produced fluids and the concentration of uranium in the observation wells is below the MPC level for unrestricted areas as listed in Column 2, Table II, Appendix B, 10 CFR 20, and the concentrations of nonradioactive elements are down to acceptable levels."

Amendment No. 2 also contained the following license condition pertaining to post-restoration monitoring at the Original Pilot: "Following completion of the restoration pumping program at the original test site, selected wells in the seven-spot well field and selected observation wells (to include observation well number 7) shall be sampled quarterly for one year, or until planned surface mining interferes, whichever comes first, to validate the restoration results."

Exxon's May 10, 1978, request to the WDEQ/LQD for Modification of Mining Permit No. 218C to authorize the Expanded R&D Pilot Uranium Solution Mine at Highland contained the same commitment to restoration at the Original Pilot as contained in Exxon's License Amendment (No. 2) Application. The Modified Mining Permit was approved by the WDEQ/LQD on October 26, 1978.

Exxon applied for renewal of Source Material License No. SUA-1064 on July 28, 1981. The renewal application repeated Exxon's commitment to restore the quality of the groundwater at the Original Pilot to the following criteria:

- a) Concentrations of radioactive materials in produced fluids reduced to <MPCs for unrestricted areas as listed in 10 CFR 20, Appendix B, Table II, Column 2, or to ≤ 1.2 times baseline values where such values were >MPC values; and
- b) Concentrations of non-radioactive materials introduced to the aquifer by solution mining operations reduced to respective values listed in WDEQ/LQD Guideline No. 4 for livestock water impoundments, or to ≤ 1.2 times respective baseline values where such values were in excess of Guideline No. 4 values.

In the July 28, 1981, renewal application Exxon also proposed a post-restoration monitoring program for the Original Pilot which included quarterly sampling, for a one year period, of wells numbers 2, 7, 9, 10, 12, 13 and the original injection well.

Summarizing, the only restoration criteria proposed by Exxon or specified by either the NRC or the WDEQ for the Original Pilot from the time of the initial submittals in 1970 until the July 28, 1981, Application for License Renewal was to return the uranium concentrations in the groundwater to \leq MPC (10 CFR 20, Appendix B, Table II, Column 2 value for natural uranium-- 3×10^{-5} μ Ci/ml, 3×10^4 pCi/l or 44.3 mg/l) and the concentrations of nonradioactive elements to acceptable levels. In Exxon's July 28, 1981, license renewal application, Exxon further proposed to reduce concentrations of radioactive materials in groundwater to \leq respective MPCs or until such concentrations are ≤ 1.2 times baseline concentrations where such baseline concentrations were in excess of respective MPC values, and to reduce

concentrations of non-radioactive materials introduced to the aquifer by uranium extraction operations to respective values listed in WDEQ/LQD's Guideline No. 4 for livestock water impoundments or to values no greater than 1.2 times respective baseline values, whichever is greater.

On June 30, 1982, Source Material License No. SUA-1064 was renewed, and was conditioned with new and specific requirements on the Original Pilot; most noteworthy, from the viewpoint of restoration and post-restoration monitoring criteria, of these are repeated below:

- a) "The objective of restoring the original pilot shall be to restore all groundwater to baseline levels or Wyoming Drinking Water Standards. Based on operating experience and current pattern groundwater conditions, Exxon shall propose specific parameter by parameter restoration goals to be submitted for NRC approval within ninety (90) days from issuance of this license. Approval shall be in the form of a license amendment by the NRC."

- b) "Within ninety (90) days from the issuance of this license, the licensee shall also file with the NRC specific plans for further groundwater quality restoration of the original pilot with specific emphasis on the area encompassed by the injection well and wells 2, 6, 7, 13, and 14, to include a description of restoration steps, projected schedule of activities, and plans for restoration and post-restoration phase monitoring. Significant modifications in the original restoration plan shall be documented and submitted to the NRC within 30 days of implementation."

Restoration and post-restoration monitoring programs detailing frequency of sampling and analysis, wells to be sampled, and parameters to be analyzed for must be approved by the NRC in the form of a license amendment. Exxon should use the Staff Technical Position Paper, 'Groundwater Monitoring at Uranium In Situ Solution Mines' as guidance in developing monitoring program."

- c) "Until the NRC has concurred with the adequacy of restoration of the original pilot, the licensee shall sample all observation wells monthly and analyze the sample for the following parameters: bicarbonate, carbonate, sulfate, chloride, and uranium to assure that residual contamination from the leaching remains within the wellfield area."
- d) "Exxon shall evaluate existing groundwater quality in the aquifers above and below the original pilot ore zone to determine if contamination has occurred. For this determination Exxon should compare existing groundwater quality to that found in the same aquifers at other locations within the Highland site, especially the preoperational data for the expanded pilot. Also, Exxon shall submit data since the startup of operations, from the potable water well located 200 feet northeast of the injection well to show if their operation has had any effect on the groundwater quality in this zone."

0620I-24

The remainder of this Attachment will address these new requirements, and present Exxon's proposed restoration goals for the Original Pilot, along with our proposed restoration program, restoration and post-restoration monitoring programs. A summary of various water quality standards, along with Exxon's restoration criteria for the Original Pilot, is presented in Table II-1 for information and comparative purposes.

06201-25

ATTACHMENT II
RESTORATION/POST-RESTORATION PROGRAM

A. Restoration Program

Exxon's restoration goal for the Original Pilot is to achieve maximum practical restoration. After nearly eight years of restoration effort, coupled with the currently decreased capability to produce the center wells of the Original Pilot and the existing concentrations of pertinent elements in the mined aquifer, Exxon is of the opinion that maximum practical restoration has been achieved. Therefore, Exxon proposes to cease restoration efforts at the Original Pilot.

Groundwater quality data for the mined aquifer are contained in Attachment III Appendices, and an evaluation of the current status of the groundwater quality is presented in Attachment IV.

B. Post-Restoration Monitoring

With reference to Item No. 9 of Attachment IV, it is to be noted that, at the latest, maximum practical restoration of the Original Pilot had been achieved by late-1979. As such, Exxon has been performing adequate post-restoration monitoring of Original Pilot wells for the past two and one-half years. During this time period, the only activities (other than sampling) that have been undertaken at the

Original Pilot were to work over wells numbers 7, 13, and 14, to produce water from various wells at various times, and to inject fresh water into various wells at various times, as described in Attachment I. Further, during this time period, the concentrations of the various characteristics of samples from all wells have remained relatively consistent.

Therefore, Exxon proposes that maximum practical restoration has been both achieved and demonstrated, and that there is no need to conduct an extended post-restoration monitoring program.

However, Exxon will continue to monitor the Original Pilot observation wells in accordance with License Condition No. 25 until the NRC has concurred with the adequacy of restoration.

0620I-27

TABLE II-1--WATER QUALITY STANDARDS & RESTORATION CRITERIA

Characteristic	Concentration(1)				
	Wyoming Drinking Water Std.	Wyoming Agriculture Std.	Wyoming Livestock Std.	10 CFR 20 App. B, T-II,C-2	Pre-1982 Restoration Criteria
Aluminum	--	5.	5.	--	--
Arsenic	0.05	0.1	0.2	--	--
Barium	1.	--	--	--	--
Bicarbonate	--	--	--	--	AL(2)
Boron	0.75	0.75	5.	--	--
Cadmium	0.01	0.01	0.05	--	--
Carbonate	--	--	--	--	AL(2)
Chloride	250.	100.	2000.	--	--
Chromium	0.05	0.01	0.05	--	--
Copper	1.	0.2	0.5	--	--
Fluoride	1.4-2.4	--	--	--	--
Iron	0.3	5.	--	--	--
Lead	0.05	5.	0.1	--	--
Manganese	0.05	0.2	--	--	--
Mercury	0.002	--	0.00005(*)	--	--
Molybdenum	--	--	--	--	--
Nitrate	10.	--	--	--	--
Selenium	0.01	0.02	0.05	--	--
Silver	0.05	--	--	--	--
Sodium	--	--	--	--	AL(2)
Sulfate	250.	200.	3000.	--	--
TDS	500.	2000.	5000.	--	--
Zinc	5.	2.	25.	--	--
pH (no units)	6.5-9.	4.5-9.	6.5-8.5	--	--
Natural Uranium	5.(3385 pCi/l)	5.	5.	44.3(3x10 ⁴ pCi/l)	3x10 ⁴ pCi/l or 1.2xBC(3)
Ra-226, -228	5. pCi/l	5. pCi/l	5. pCi/l	30 pCi/l	30 pCi/l or 1.2xBC(3)
Th-230	--	--	--	2x10 ³ pCi/l	2x10 ³ pCi/l or 1.2xBC(3)

(1) Units in mg/l, unless otherwise specified.

(2) Acceptable levels.

(3) < 1.2 x baseline concentrations.

(*) It should be noted that this value is a factor of 10 below the detection limit of EPA Standard Methods.

ATTACHMENT III

ANALYTICAL DATA FOR FLUID SAMPLES

COLLECTED AT

EXXON MINERALS COMPANY'S

ORIGINAL PILOT URANIUM SOLUTION MINE AT HIGHLAND

ATTACHMENT III

Concentration vs. time tables and plots of the following characteristics of all fluid samples collected from Original Pilot wells during the period from March 1971 to July 1982 are contained in Appendices A and B:

- . Natural Uranium
- . Radium-226
- . Thorium-230
- . Carbonate
- . Bicarbonate
- . Sulfate
- . Arsenic
- . Selenium
- . Chloride
- . Conductivity
- . pH

Ammonia data are included in the tables, but plots of those data are not provided.

Not all characteristics were measured for all samples, since, during the operational period of the Original Pilot, dissolved uranium was considered to be the primary excursion indicator. Further, no excursion parameters were established for the Original Pilot, and the only restoration criteria established was based on uranium.

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ATTACHMENT IV

COMPARISON

OF

FLUID SAMPLE ANALYTICAL RESULTS

TO

RESTORATION CRITERIA

FOR

EXXON MINERALS COMPANY'S

ORIGINAL PILOT URANIUM SOLUTION MINE AT HIGHLAND

ATTACHMENT IV

GENERAL

This Attachment provides a discussion of the results of the Original Pilot monitoring program and comparison of the analytical data for associated fluid samples to restoration requirements.

1. Uranium

The original restoration criterion was that uranium concentrations in fluid samples obtained from the Original Pilot wells would be less than the maximum permissible concentration (MPC) for unrestricted areas as listed in 10 CFR 20, Appendix B, Table II, Column 2; this value is 3×10^{-5} $\mu\text{Ci/ml}$, which is the same as 3×10^4 pCi/l, and which converts to approximately 44.3 mg/l. The uranium data presented in Attachment III Appendices are in units of pCi/l.

Analysis of the uranium data contained in Attachment III Appendices reveals:

- a) Uranium concentrations in fluid samples taken from the six original production wells increased as injected leach solution penetrated the ore body and was drawn into the production wells. Uranium concentrations at production wells were above MPC (3×10^4 pCi/l) from May 1973 through May 1977, although there was considerable variation in the time periods of elevated uranium concentrations at the individual wells. The maximum uranium concentration observed was 889,281 pCi/l at production well number 3 in July 1973.

b. Following termination of leach solution injection, the uranium concentrations in fluid samples taken from the six production wells remained elevated for several months (4 to 13 months for the various wells), and then declined significantly over the following 5 to 18 months. By mid-1977 respective uranium concentrations at all production wells were below the originally established restoration value and have remained so, except for production well number 6 which exhibited increased uranium concentrations in the second half of 1979 following an acid workover on August 9, 1979. By February 1980 the uranium concentrations at this well declined, and have remained below MPC since that time.

Uranium concentrations for production wells during 1982 are summarized below:

<u>Month</u>	<u>High (pCi/l)</u>	<u>Low (pCi/l)</u>	<u>Average (pCi/l)</u>
March	3445	< 574	<1148
May	7463	< 574	<1818
July	5741	< 574	<1435

c. Similar to the production wells, the uranium concentrations at the original injection well increased as leach solution was injected. The maximum uranium concentration observed was 347,905 pCi/l in June 1975. Following termination of leach solution injection, the injection well was converted to a producer for restoration purposes.

Because the region of the mined aquifer in the vicinity of the injection well was heavily loaded with sodium-carbonate and -bicarbonate, uranium concentrations of fluid samples taken from the injection well remained elevated longer and declined more slowly than did those for the production wells. However, by late-1978 respective uranium concentrations were below MPC, and have remained so.

Uranium concentrations at the injection well ranged from 8,037 to 14,927 pCi/l during the second half of 1981, with an average value of 12,261 pCi/l. A fluid sample taken from this well in August 1982 exhibited an uranium concentration of 7,462 pCi/l, or 11 mg/l.

- d. Over the years, elevated uranium concentrations were experienced at observation wells to varying degrees. However, only observation wells number 7 and 8 exhibited concentrations in excess of MPC. The maximum uranium concentration observed was 211,843 pCi/l at observation well number 7 in October 1975.

By early-1977 uranium concentrations at all observation wells were below MPC, and have remained so, except for two individual samples from observation well number 7.

Uranium concentrations for all observation wells during 1982 are summarized below:

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<u>Date</u>	<u>High(pCi/l)</u> ^(*)	<u>Low(pCi/l)</u>	<u>Average(pCi/l)</u>
1/11/82	7,463	< 574	< 2,488
1/25/82	6,889	< 574	< 2,392
2/13/82	6,315	< 574	< 2,392
3/5/82	5,741	< 574	< 2,296
4/14/82	6,889	< 574	< 2,296
5/10/82	14,927	< 574	< 3,449
6/10/82	6,889	< 574	< 2,105
7/26/82	6,889	< 574	< 2,392

(*) All high values are from observation well number 7. Since 5/10/82, the uranium concentration at this well has been constant at 6889 pCi/l, or 10 mg/l. All other observation wells have exhibited uranium concentrations of less than 5 mg/l throughout 1982, to date.

- e. As noted in Attachment I, wells numbers 13 and 14 were installed (9/1/76 and 3/15/79, respectively) in the Original Pilot well field in an attempt to increase groundwater sweeping of the center portion of the well field. Well number 14 never produced very well, and efforts to produce it were discontinued in mid-1981; respective sample data are considered irrelevant in assessing aquifer restoration progress in that the incapability to produce the well indicates that groundwater flow in the immediate vicinity of this well has been greatly impeded.

At the time of installation, fluid samples taken from well number 13 exhibited elevated uranium concentrations; a maximum concentration of 122,283 pCi/l was observed in September 1976. However, these concentrations declined relatively rapidly, and were below MPC value by mid-1978. Except for a short period in early-1981 (following acid workover of this well), uranium concentrations of fluid samples taken from well number 13 have remained below MPC.

During the first half of 1982, uranium concentrations at well number 13 have ranged from 5,167 to 18,945 pCi/l, with an average value of 15,285 pCi/l, or 23 mg/l.

- f) During the first half of 1982, uranium concentrations at all Original Pilot wells, excluding number 14, have ranged from less than 574 to 18,945 pCi/l, with an average of less than 3,287 pCi/l, or 4.9 mg/l. As of mid-1982, uranium concentrations at all Original Pilot wells, including number 14, ranged from less than 574 to 17,223 pCi/l, with an average of 3,215 pCi/l, or 4.7 mg/l.

2. Radium-226 and Thorium-230

Fluid samples from Original Pilot wells were not routinely analyzed for radium-226 until early-1978, and not for thorium-230 until early-1979 because there were no restoration criteria established for these elements. However, a sample composited from water samples taken from three wells in the Original Pilot well field in May 1970 (prior to operations) contained 121 pCi/l of radium-226 and 86 pCi/l of thorium-230.

Radium-226 and thorium-230 data obtained on fluid samples from Original Pilot wells do not indicate any particular trends, nor do they indicate association with any particular operational phase, activity or event.

The data support Exxon's previous statement that the water of the mined aquifer was unacceptable as a potable water supply due to its radioactivity content. The radium-226 content of the majority of the fluid samples collected from all wells exceeded the respective 10 CFR 20 MPC (30 pCi/l). On the other hand, the large majority of those samples whose radium-226 content exceeded the baseline value (121 pCi/l) were collected from production well number 5 and observation well number 11--for no apparent reason related to Exxon's operations.

Since start of operations, no fluid sample from Original Pilot wells has exhibited a thorium-230 content in excess of the 10 CFR 20 MPC (2×10^3 pCi/l). However, approximately one-third of the samples exhibited thorium-230 concentrations exceeding the baseline value (86 pCi/l), the majority of which were collected from the injection well and restoration enhancement well number 13--for no apparent reason related to Exxon's operations.

3. Carbonate and Bicarbonate

The bicarbonate concentrations of water samples taken from three wells in the Original Pilot well field in May 1970 ranged from 194 to 261 mg/l, with an average value of 237 mg/l; carbonate concentrations were not measured for those samples.

As leach solution (NaCO_3 & NaHCO_3) was injected, the carbonate and bicarbonate concentrations in fluid samples increased with time during the production phase of operations. These increases were most predominant at the injection and production wells, and to varying lesser degrees at the observation wells.

Following termination of leach solution injection, carbonate and bicarbonate concentrations remained elevated for approximately six months (generally), and then started to decline as restoration activities progressed.

By mid-1976 the carbonate concentrations of fluid samples from the majority of the wells were down to approximately 100 mg/l. The carbonate concentrations declined the slowest in those wells located in the center region of the well field--the injection well and well number 13. The carbonate concentrations at these two wells were down to about 100 mg/l by mid-1979. At mid-1982, the carbonate concentrations of all Original Pilot wells (including number 14) ranged from less than 1 to approximately 100 mg/l, with an average of less than 16 mg/l; concentrations at the injection well and well number 13 were approximately 100 mg/l.

The bicarbonate concentrations of well samples declined slightly slower than did carbonate concentrations. By mid-1978 bicarbonate concentrations in most of the production wells were in the range of preoperational values (approximately 250 mg/l, average). The bicarbonate concentration at the original injection

well declined to this level in late-1979. The bicarbonate concentration at observation well number 7 declined to approximately 400 mg/l by mid-1977, and has generally remained at that level to date. The bicarbonate concentration at well number 13 declined to approximately 400 mg/l by late-1979. At mid-1982, the bicarbonate concentrations of all Original Pilot wells (including number 14) ranged from 73 to 988 mg/l, with an average of approximately 240 mg/l; the maximum concentration was at well number 14.

4. Sulfate

The sulfate (noted as sulfate and sulfide in Table 2 of Attachment I) concentrations of water samples taken from three wells in the Original Pilot well field in May 1970 ranged from 114 to 122 mg/l, with an average value of 119 mg/l.

Fluid samples from Original Pilot wells were not routinely analyzed for sulfate until late-1979. Since that time, sulfate data obtained for the Original Pilot do not indicate any particular trend; typical sulfate concentrations (except for well number 14) are in the 100-200 mg/l range, and below the Wyoming Drinking Water Standard value.

5. Arsenic & Selenium

A water sample composited from water samples taken from three wells in the Original Pilot well field in May 1970 was analyzed to contain 27 mgAs/l and <0.5 mgSe/l.

Fluid samples from Original Pilot wells were not routinely analyzed for selenium until early-1978, and not for arsenic until mid-1978.

In general, in 1978 the arsenic concentrations of the injection and production wells were relatively higher than those at the observation wells. However, since 1978, arsenic concentrations at all Original Pilot wells (except for the injector and well number 13) were in the range of <0.01 to 0.2 mg/l, and below the Wyoming Wildlife and Livestock Impoundment Standard value. By mid-1981, the arsenic concentrations at the injection well and well number 13 were also down to this level. .

Selenium concentration data obtained for the Original Pilot show that highest concentrations (0.1-0.4 mg/l) are associated with the injector and wells numbers 13 and 14--historically, and at the present time. Observation well number 12 also exhibits relatively high (<0.01 to 0.19 mg/l) selenium concentrations--for no apparent operational reason. The selenium concentrations at all other wells have been generally in the range of <0.01 to 0.03 since mid-1979, and the typical average selenium concentration of all wells at any sample date since mid-1979 is <0.05 mg/l. There are three sample results (0.89 at the injector in March 1981; 0.52 at observation well number 10 in July 1978; and 1.14 at well number 13 in March 1981) that were extremely out of line with surrounding data, and are considered to be erroneous.

6. Chloride

The chloride concentration of water samples taken from three wells in the Original Pilot well field in May 1970 was analyzed to be approximately 27 mg/l.

Except for the chloride tracer program conducted in 1971, fluid samples from Original Pilot wells were not routinely analyzed for chloride until late-1979. Since that time, chloride concentrations have ranged from <10 to approximately 400 mg/l. The chloride concentrations have been in the 10-20 mg/l range, generally, since late-1979, except for the injection well, production wells P-5 and P-6, and wells numbers 13 and 14. The highest chloride concentrations remain in the center region of the well field. However, even with these higher concentrations (40-80 mg/l), the average chloride concentration for all wells at mid-1982 was approximately 25 mg/l, or approximately one-tenth of the Wyoming Drinking Water Standard value.

7. Conductivity

Conductivity was not measured for water samples taken from Original Pilot wells in May 1970, and fluid samples were not routinely analyzed for conductivity until mid-1979. Since that time, conductivity measurements of fluid samples have ranged from approximately 300 to 2500 micromho/cm. The highest values have been, and remain, associated with the injection well, and wells numbers 13 and 14. The mid-1982 average conductivity of all wells was approximately 650 micromho/cm.

8. pH

The pH of water samples taken from Original Pilot wells in May 1970 was not measured. The pH of fluid samples taken from Original Pilot wells since July 1972 has ranged from 4-6, following acid workovers of various wells, to 10-12 during production and early restoration phases. The average pH for all wells at mid-1982 was approximately 7.5, which is within the range specified in the Wyoming Drinking Water Standard.

9. Restoration Established

Analysis of the data presented in Attachment III Appendices, and comparison of same against the restoration criteria presented in Attachment II, indicate that maximum practical restoration of the mined aquifer was established by the time periods indicated below for the various parameters:

<u>Characteristic</u>	<u>Time Period</u>
Uranium (Nat)	Late-1978
Radium-226	(*)
Thorium-230	(*)
Carbonate	Mid-1979
Bicarbonate	Late-1979
Sulfate	(*)
Arsenic	Mid-1978
Selenium	Mid-1979
Chloride	Mid-1971
Conductivity	(*)
pH	Late-1979

(*) Data for these characteristics are of such natures (random, consistent, etc.) that they are not useful as restoration achievement indicators.

ATTACHMENT V

EVALUATION OF EXISTING GROUNDWATER QUALITY

IN

AQUIFERS ABOVE AND BELOW ORE ZONE

OF

EXXON MINERALS COMPANY'S

ORIGINAL PILOT URANIUM SOLUTION MINE AT HIGHLAND

ATTACHMENT V

EVALUATION OF EXISTING GROUNDWATER QUALITY IN AQUIFERS
ABOVE AND BELOW THE ORIGINAL PILOT ORE ZONE

Condition No. 26 of the renewed license requires Exxon to evaluate existing groundwater quality in the aquifers above and below the Original Pilot ore zone to determine if contamination has occurred. As part of this evaluation, Exxon is to compare existing groundwater quality to that found in the same aquifers at other locations within the Highland site, especially the preoperational data for the Expanded R&D Pilot and the data routinely obtained for well number 3 (a potable water well completed in the Upper Highland Sandstone approximately 200 feet northeast of the Original Pilot injection well).

The ore zone for the Original Pilot is in the Middle Highland Sandstone (MHS). The overlying aquifer is the Upper Highland Sandstone (UHS) and the underlying aquifer is the Lower Highland Sandstone (LHS).

There were no Expanded R&D Pilot baseline data obtained on the UHS. Therefore, only baseline data obtained from the MHS and the LHS [Expanded R&D Pilot monitor (M-1) well, injection wells, production wells and observation wells] are summarized in Tables V-1 and V-2. These data were obtained on samples collected during the period of February-July 1978.

Analytical data for water samples routinely obtained from potable water well number 3 are presented in Table V-3.

Analysis of the Expanded R&D Pilot baseline data presented in Tables V-1 and V-2 shows that there had been no impact of Original Pilot operations on the quality of groundwater in the MHS and LHS aquifers in the area of the Expanded R&D Pilot by early-1978. The baseline data presented in Tables V-1 and V-2 do not differ significantly from the Original Pilot baseline data presented in Table 2 of Attachment I.

Analysis of the data presented in Table V-3 for the potable water well located in the area of the Original Pilot shows that there has been no impact of Original Pilot operations on the quality of groundwater in the UHS aquifer in that area. The data presented in Table V-3 do not differ significantly from the Original Pilot baseline data presented in Table 2 of Attachment I.

Further, as documented by Exxon in previous submittals, there are massive, continuous shale layers separating the UHS, the MHS and the LHS in the region where Exxon's pilot solution mine well fields are located. These shale layers isolate the sandstone aquifers from one another in the pilot solution mine area. Exxon has logged over 17,000 drill holes at Highland, and has thus gained considerable knowledge of the underlying strata. Exxon has more than sufficient documentation that the thick intervening shale layers are continuous in all directions far beyond the pilot solution mine well fields.

Figure V-1 locates drill holes in a 1,440,000 ft.² area around the Original Pilot for which Exxon has documented logs. The solid points on Figure V-1 locate those drill holes for which copies of logs are shown in Figures V-1-1 through V-1-18. The intervening shale layers are identified on Figures V-1-1 through V-1-18.

ATTACHMENT IV

SUMMARY OF EXPANDED R&D PILOT BASELINE DATA
 (for Monitor well M-1, completed in the Middle Highland Sandstone)

<u>Characteristic (Units)</u>	<u>Range</u>	<u>Average</u>
Aluminum (mg/l)	<0.05- 0.15	<0.08
Arsenic (mg/l)	<0.01	<0.01
Barium (mg/l)	<0.05	<0.05
Boron (mg/l)	<1.	<1.
Bicarbonate (mg/l)	171. - 207.	183.
Carbonate (mg/l)	<1. - 24.	<6.
Cadmium (mg/l)	<0.002	<0.002
Calcium (mg/l)	43. - 52.	49.
Chloride (mg/l)	10. - 12.	11.
Chromium (mg/l)	<0.01	<0.01
Conductivity (μ mho/cm)	445. -520.	489.
Copper (mg/l)	<0.01 - 0.01	<0.01
Fluoride (mg/l)	0.09 - 0.11	0.1
Iron (mg/l)	<0.01 - 0.06	<0.03
Lead (mg/l)	<0.05 - 0.05	<0.05
Manganese (mg/l)	<0.01	<0.01
Magnesium (mg/l)	12. - 13.	13.
Mercury (mg/l)	<0.001	<0.001
Molybdenum (mg/l)	<0.05	<0.05
Nitrates (as N) (mg/l)	<0.01 - 0.05	<0.02
pH	8.3 - 8.8	8.5
Radium-226 (pCi/l)	1.6 - 17.1	5.4
Selenium (mg/l)	<0.01 - 0.01	<0.01
Silver (mg/l)	<0.02	<0.02
Sodium (mg/l)	66. -103.	82.
Sulfate (mg/l)	152. -224.	175.
Total Dissolved Solids (mg/l)	407. -516.	445.
Uranium (pCi/l)	<0.7 - 46.	<16.
Zinc (mg/l)	<0.01 - 0.14	<0.05

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TABLE V-2

SUMMARY OF EXPANDED R&D PILOT BASELINE DATA
(for wells completed in the Lower Highland Sandstone, only)

<u>Characteristic (Units)</u>	<u>Range</u>	<u>Average</u>
Aluminum (mg/l)	<0.05- 1.75	<0.17
Arsenic (mg/l)	<0.01- 0.02	<0.01
Barium (mg/l)	<0.05- 0.28	<0.08
Boron (mg/l)	<1. - 1.	<1.
Bicarbonate (mg/l)	73. - 268.	165.
Carbonate (mg/l)	<1. - 48.	<17.
Cadmium (mg/l)	<0.002- 0.002	<0.002
Calcium (mg/l)	5. - 60.	33.
Chloride (mg/l)	6. - 60.	22.
Chromium (mg/l)	<0.01 - 0.01	<0.01
Conductivity (μ mho/cm)	330. -575.	436.
Copper (mg/l)	<0.01 - 0.01	<0.01
Fluoride (mg/l)	0.01 - 0.37	0.16
Iron (mg/l)	<0.01 - 0.83	<0.09
Lead (mg/l)	<0.05 - 0.05	<0.05
Manganese (mg/l)	<0.01 - 0.39	<0.04
Magnesium (mg/l)	2. - 14.	6.6
Mercury (mg/l)	<0.001- 0.001	<0.001
Molybdenum (mg/l)	<0.05 - 0.05	<0.05
Nitrates (as N) (mg/l)	0.01 - 0.16	0.03
pH	7.7 - 10.1	8.3
Radium-226 (pCi/l)	<1. -320.	<87.1
Selenium (mg/l)	<0.01 - 0.01	<0.01
Silver (mg/l)	<0.02 - 0.02	<0.02
Sodium (mg/l)	54. -129.	87.
Sulfate (mg/l)	62. -215.	119.
Total Dissolved Solids (mg/l)	116. -508.	363.
Uranium (pCi/l)	<0.7 - 5.5×10^3	<194.4
Zinc (mg/l)	<0.01 - 0.14	<0.02

05231-20

TABLE V-3 - ANALYTICAL DATA FOR POTABLE WATER WELL (WELL NO. 3)*

Month Year	U-Nat (pCi/l)	Ra-226 (pCi/l)	Th-230 (pCi/l)	CO ₃ (mg/l)	HCO ₃ (mg/l)	As (mg/l)	Se (mg/l)	SO ₄ (mg/l)	Cl (mg/l)	Na (mg/l)	TDS (mg/l)	pH
6/72	<0.3	1.2	20.	--	--	--	--	--	--	--	--	--
10/72	2.3	0.5	1.	--	--	--	--	--	--	--	--	--
1/73	--	3.5	--	--	--	--	--	--	--	--	--	--
2/73	ND**	--	--	ND	159	<0.01	<0.02	222	14	104	475	8.3
3/73	0.8	0.2	4.	--	--	--	--	--	--	--	--	--
5/73	1.7	--	--	--	134	<0.01	<0.02	240	8	102	471	7.9
6/73	3.4	ND	1.9	--	--	--	--	--	--	--	--	--
10/73	1.4	0.2	0.3	--	--	--	--	--	--	--	--	--
4/74	<0.5	0.1	ND	--	--	--	--	--	--	--	--	--
6/74	<0.5	0.8	ND	ND	146	--	--	182	14	88	409	8.1
9/74	<1.	0.4	1.9	36	146	--	--	192	18	138	493	8.2
12/74	5.4	0.4	1.7	ND	146	--	--	225	10	116	467	7.3
3/75	<1.	0.8	0.5	ND	146	--	--	235	10	110	479	8.2
5/75	22.5	0.4	0.7	--	--	--	--	--	--	--	--	--
6/75	<1.	0.2	0.9	ND	122	--	--	170	8	118	378	7.7
7/75	<1.	0.4	ND	--	--	--	--	--	--	--	--	--
8/75	<1.	0.2	ND	--	--	--	--	--	--	--	--	--
9/75	<1.	0.4	7.	7	166	<0.01	<0.005	200	10	107	461	8.4
10/75	3.4	0.1	0.4	--	--	--	--	--	--	--	--	--
11/75	1.6	1.1	0.9	--	--	--	--	--	--	--	--	--
12/75	3.4	0.3	0.9	ND	139	<0.01	<0.01	210	10	101	439	7.5
1/76	2.3	2.1	1.4	--	--	--	--	--	--	--	--	--
2/76	1.7	3.	1.	--	--	<0.01	<0.01	--	--	--	--	--
3/76	3.4	0.3	0.8	ND	146	<0.01	<0.01	200	24	95	447	7.2
4/76	5.7	0.6	<0.1	--	--	--	--	--	--	--	--	--
5/76	0.6	0.7	1.	--	--	--	--	--	--	--	--	--
6/76	0.7	1.5	0.4	ND	124	--	--	175	10	77	372	8.2
7/76	8.	0.5	0.3	--	--	--	--	--	--	--	--	--
8/76	1.4	0.7	0.3	--	--	--	--	--	--	--	--	--
9/76	0.3	0.3	0.4	ND	159	<0.01	0.01	190	10	89	423	7.7
10/76	ND	0.2	0.3	--	--	--	--	--	--	--	--	--
11/76	ND	1.7	4.2	--	--	--	--	--	--	--	--	--
12/76	ND	<0.1	1.7	ND	149	<0.01	<0.01	230	12	118	480	7.5
1/77	ND	0.9	1.2	--	--	--	--	--	--	--	--	--
2/77	2.2	0.3	0.5	--	--	--	--	--	--	--	--	--

* Analyses performed by various laboratories over the years, with various lower detection limits involved.

** Non-detectable.

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TABLE V-3- ANALYTICAL DATA FOR POTABLE WATER WELL (WELL NO. 3)*
(Continued)

Month Year	U-Nat (pCi/l)	Ra-226 (pCi/l)	Th-230 (pCi/l)	CO ₃ (mg/l)	HCO ₃ (mg/l)	As (mg/l)	Se (mg/l)	SO ₄ (mg/l)	Cl (mg/l)	Na (mg/l)	TDS (mg/l)	pH
3/77	ND**	0.1	2.5	ND	146	--	--	282	10	152	554	7.7
4/77	1.4	2.	1.8	--	--	--	--	--	--	--	--	--
5/77	7.5	0.2	7.8	ND	146	--	--	215	12	97	452	7.7
6/77	3.6	0.8	0.8	ND	146	<0.01	<0.01	--	--	--	--	--
7/77	0.7	0.4	3.9	--	--	--	--	--	--	--	--	--
8/77	4.1	0.1	0.2	--	--	--	--	--	--	--	--	--
9/77	<1.	0.4	ND	ND	139	<0.01	<0.01	238	12	115	485	8.1
10/77	<1.	0.5	ND	--	--	--	--	--	--	--	--	--
11/77	2.	0.3	1.	--	--	--	--	--	--	--	--	--
12/77	<1.	0.8	1.6	ND	134	<0.01	<0.01	185	10	72	390	7.6
1/78	6.6	0.5	0.1	--	--	--	--	--	--	--	--	--
2/78	ND	0.5	--	ND	134	--	--	200	8	100	419	7.9
3/78	ND	0.2	--	--	--	--	--	--	--	--	--	--
4/78	<1.	0.5	ND	ND	159	--	--	190	10	94	427	8.1
5/78	5.6	1.1	--	--	--	--	--	--	--	--	--	--
6/78	39.	0.4	0.7	ND	159	--	--	184	8	148	425	7.8
7/78	25.	0.2	--	ND	159	--	--	160	6	137	465	7.6
8/78	1.7	1.1	--	ND	183	--	--	192	8	130	552	7.8
9/78	18.	2.4	--	ND	146	--	--	197	13	98	506	7.
10/78	-19.	2.	4.3	ND	159	--	--	152	18	82	463	7.6
11/78	-43.	1.	--	ND	171	--	--	150	26	99	489	8.
12/78	-64.	1.5	--	ND	171	<0.002	<0.002	156	24	90	493	7.1
1/79	1.8	1.9	--	ND	171	<0.002	<0.002	180	22	89	527	7.7
2/79	3.7	0.7	1.2	ND	171	<0.002	<0.002	205	17	90	552	7.4
3/79	10.	1.1	--	ND	159	<0.002	<0.002	135	18	94	437	7.7
4/79	2.7	0.5	--	ND	177	--	--	140	18	90	473	7.7
5/79	4.8	1.6	--	ND	171	--	--	180	18	92	519	7.6
6/79	0.8	2.4	0.5	ND	155	<0.002	0.005	102	17	17	440	7.5
7/79	3.5	1.2	--	--	--	--	--	--	--	--	--	--

* Analyses performed by various laboratories over the years, with various lower detection limits involved.

** Non-detectable.

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NOTES PERTAINING TO FIGURES V-1-1 THROUGH V-1-18

1. The individual drill hole logs shown in Figures V-1-1 through V-1-18 are aligned vertically on a continuous narrow lignite seam--the horizontal line on each figure.
2. Nomenclature

Shale (TD): Tailings Dam Shale--above UHS

UHS (50): Upper Highland Sandstone

Shale (45): Separates UHS and MHS

MHS (40): Middle Highland Sandstone

Shale (35): Separates MHS and LHS

LHS (30): Lower Highland Sandstone

Shale (25): Below LHS

S
 1800
 3700

S
 1800
 3800

S 18-45
 1800
 4500

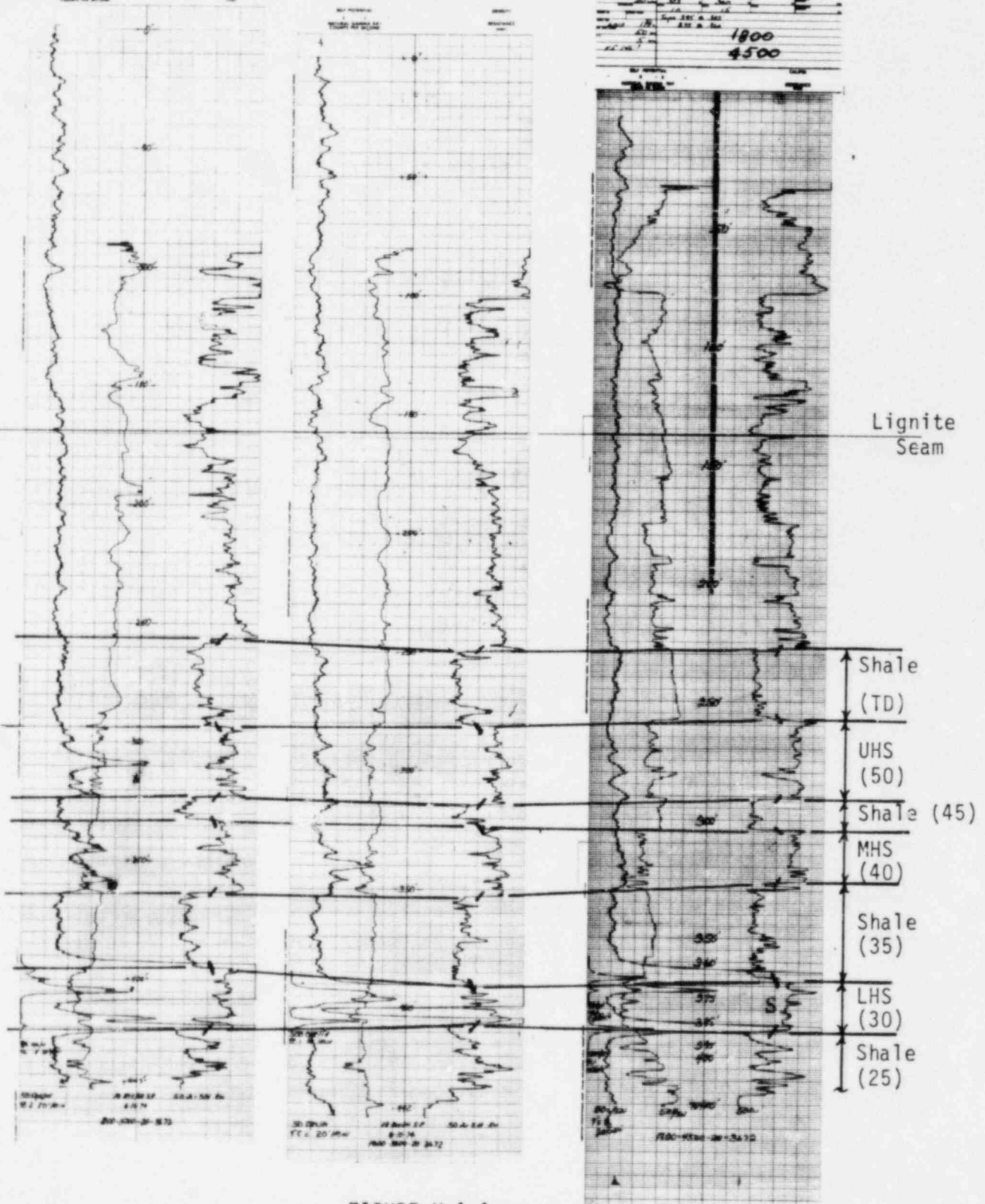


FIGURE V-1-1

Well No.	1900	3600	1900	3700	1900	3800	1900	4000
19-36	1900	3600	1900	3700	1900	3800	1900	4000
EL 5298								

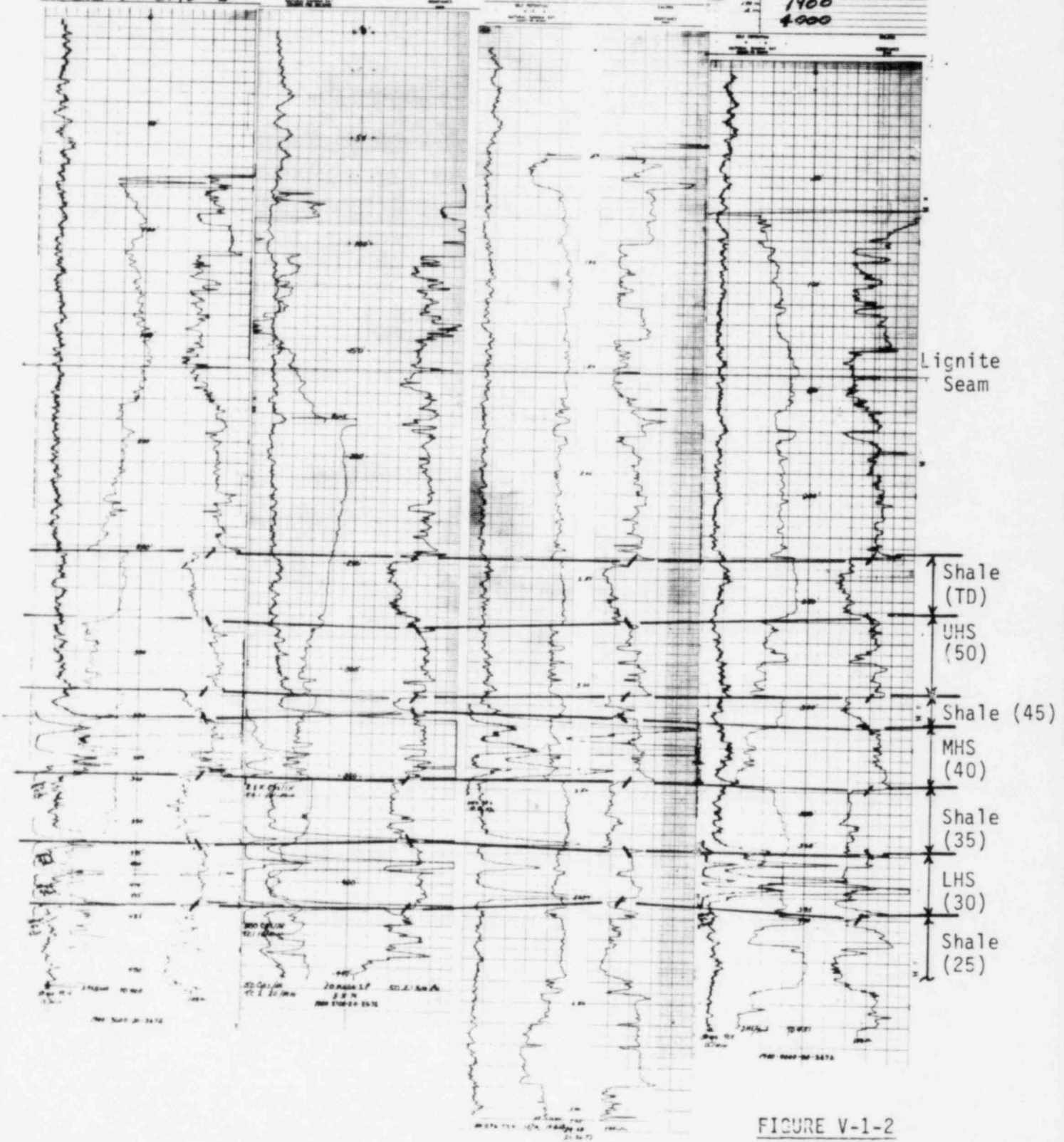


FIGURE V-1-2

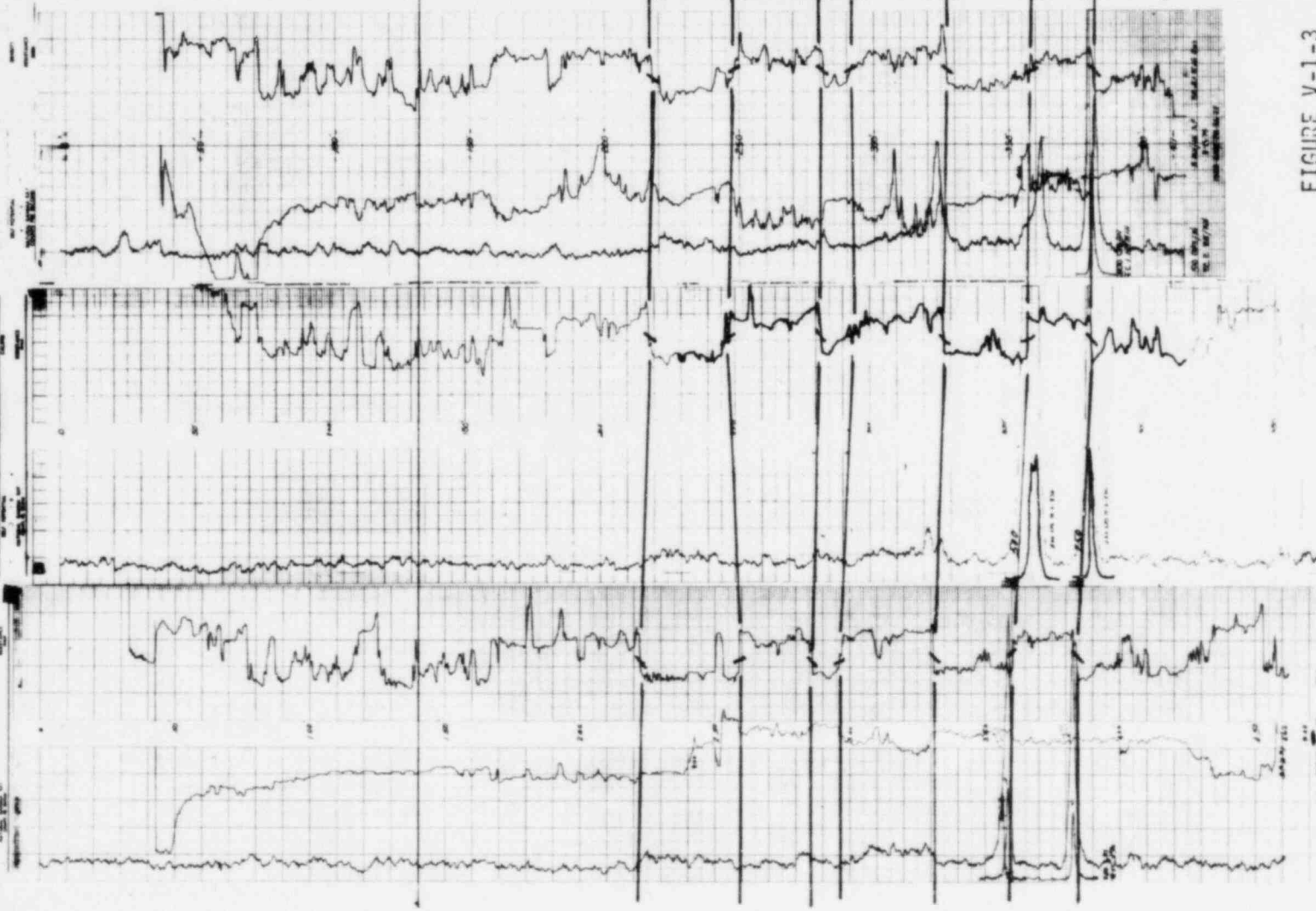
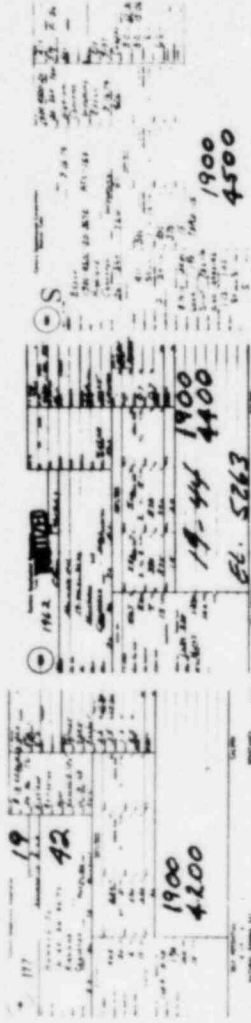


FIGURE V-1-3

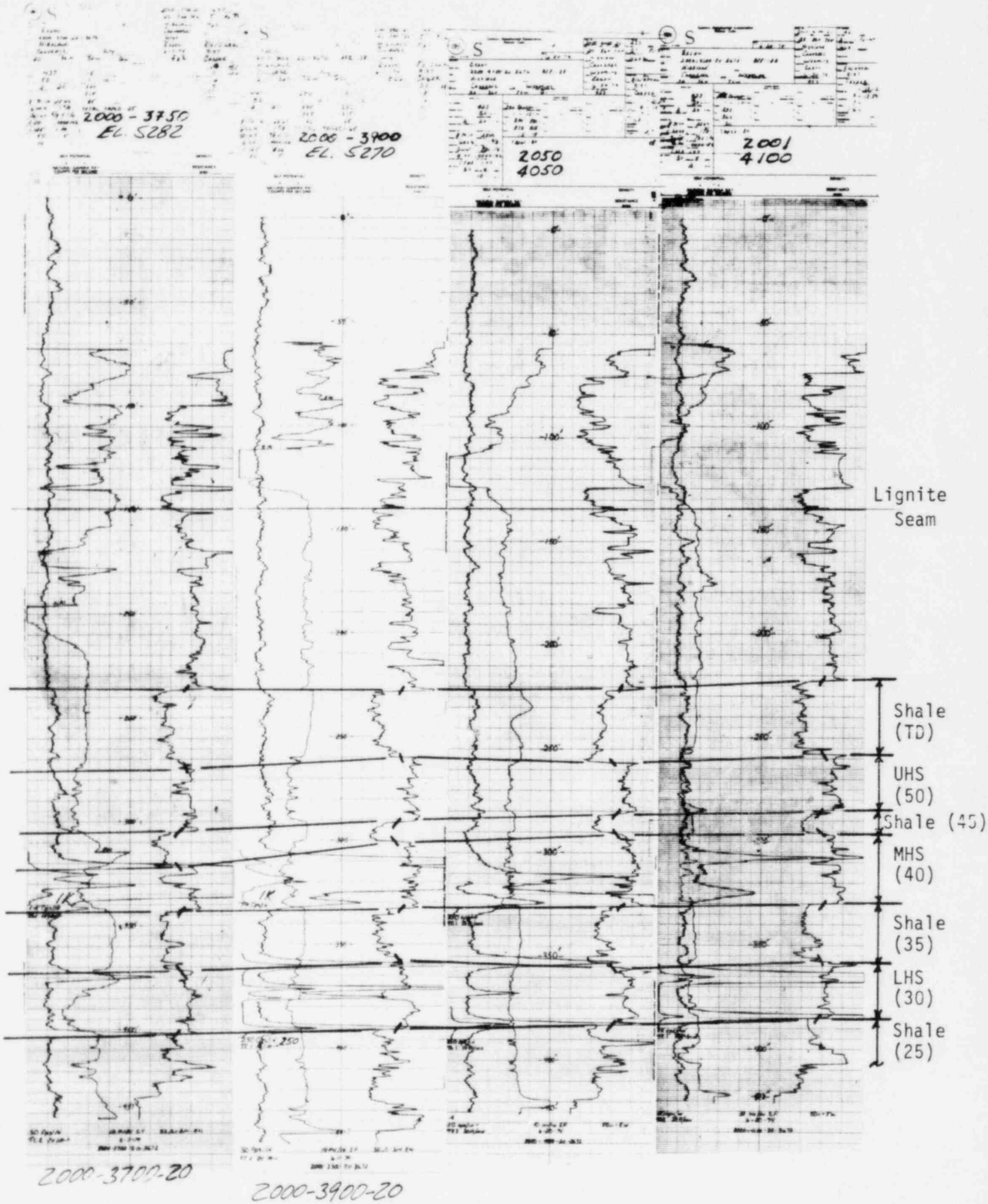


FIGURE V-1-4

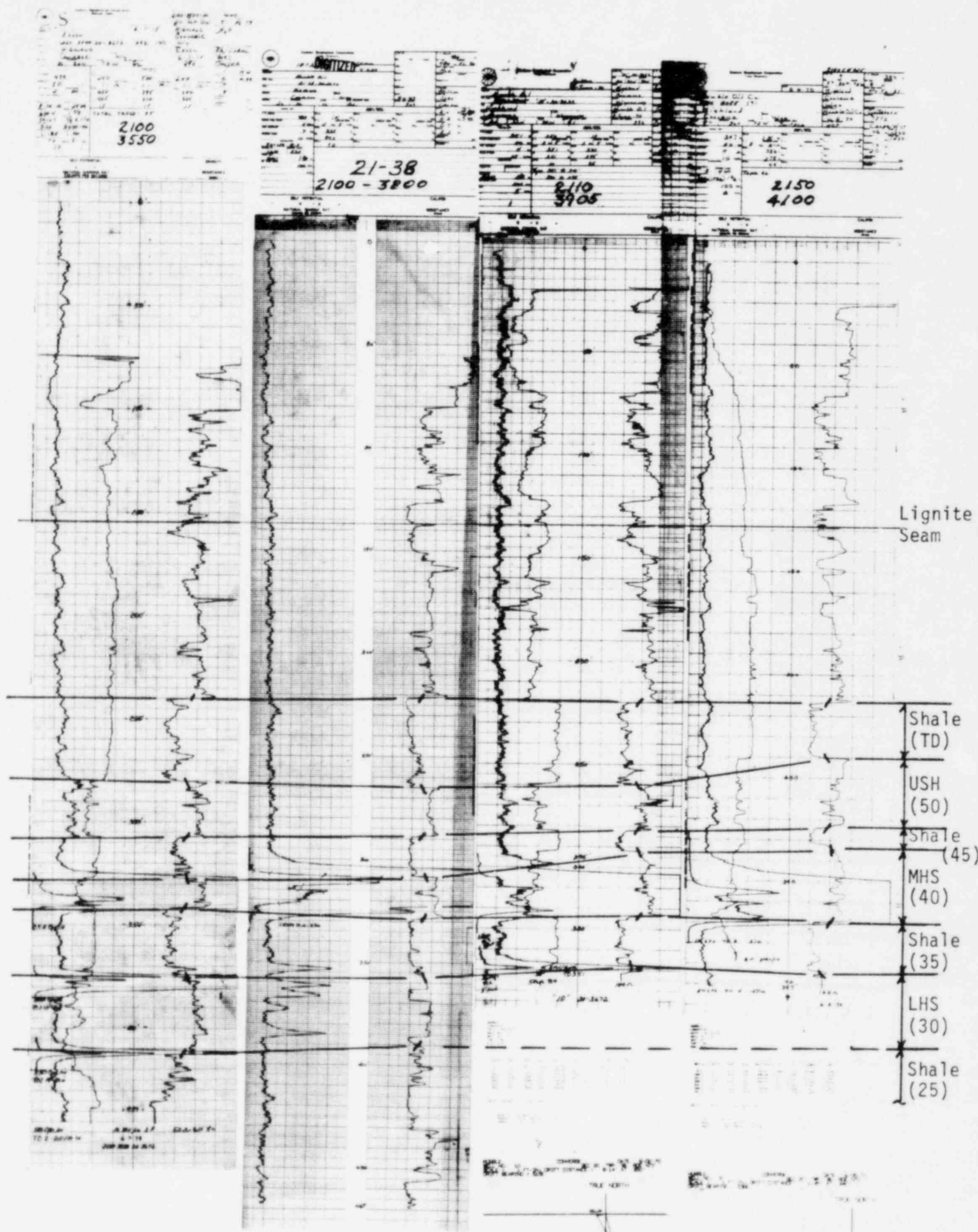


FIGURE V-1-5

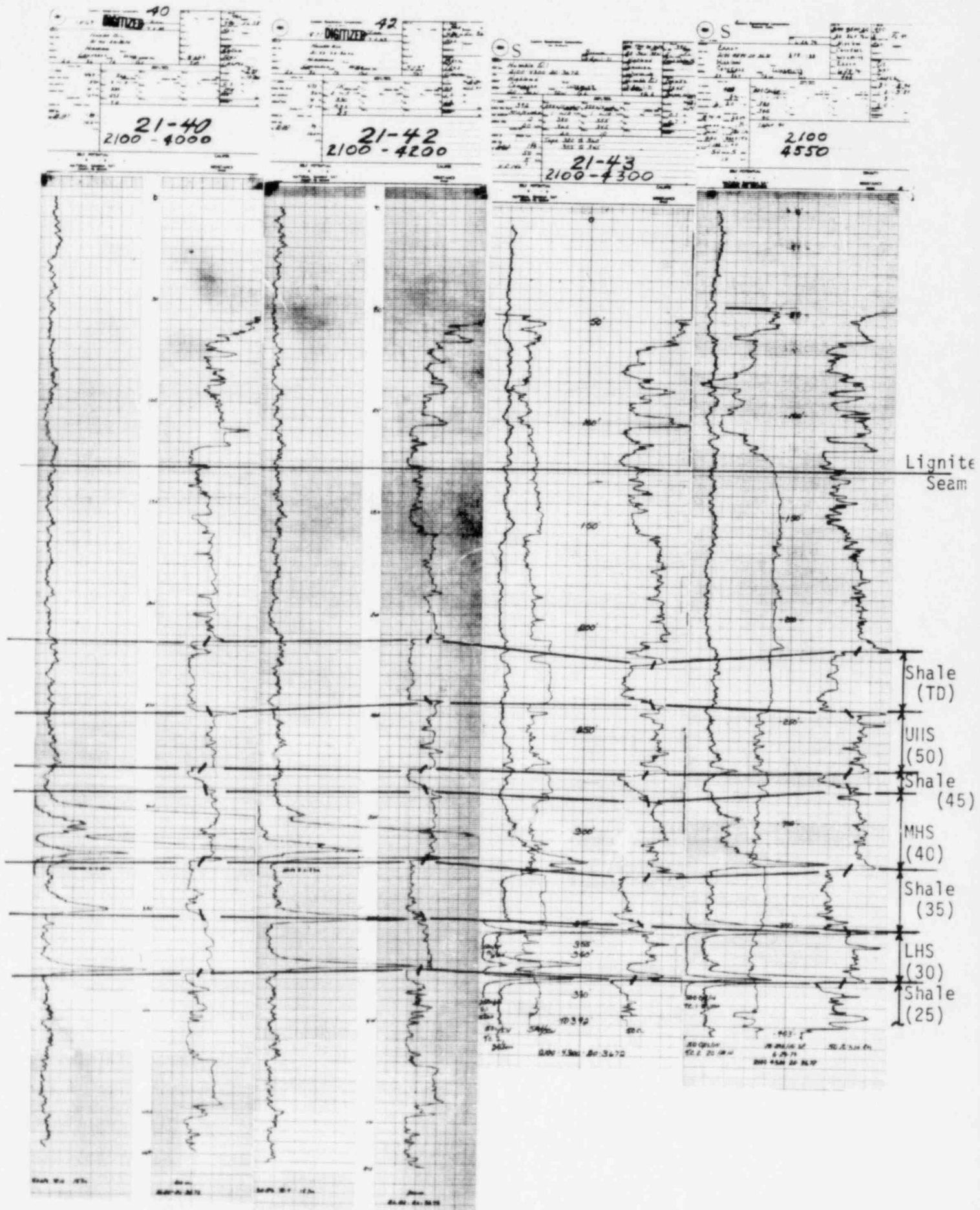


FIGURE V-1-6

Well No.	Section	Depth (ft)	Remarks
S	2200	3400	
		3550	
S	2200	3400	
		3550	
S	2250	3950	

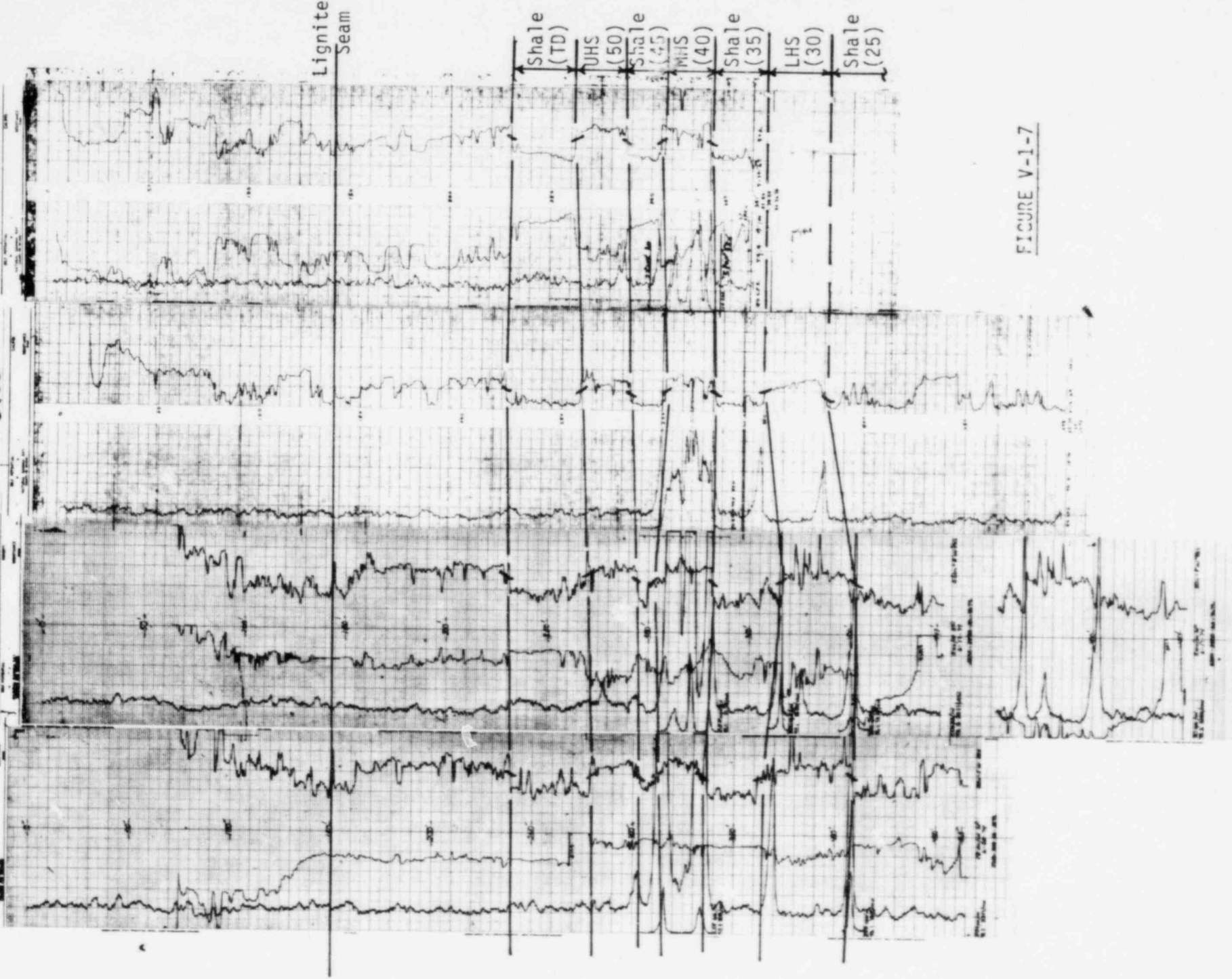


FIGURE V-1-7

Well No.	Depth (ft)	Formation	Notes
2200	4350		
22-44	4400		
2200-4500	EL. 5259		
			EL. 5257

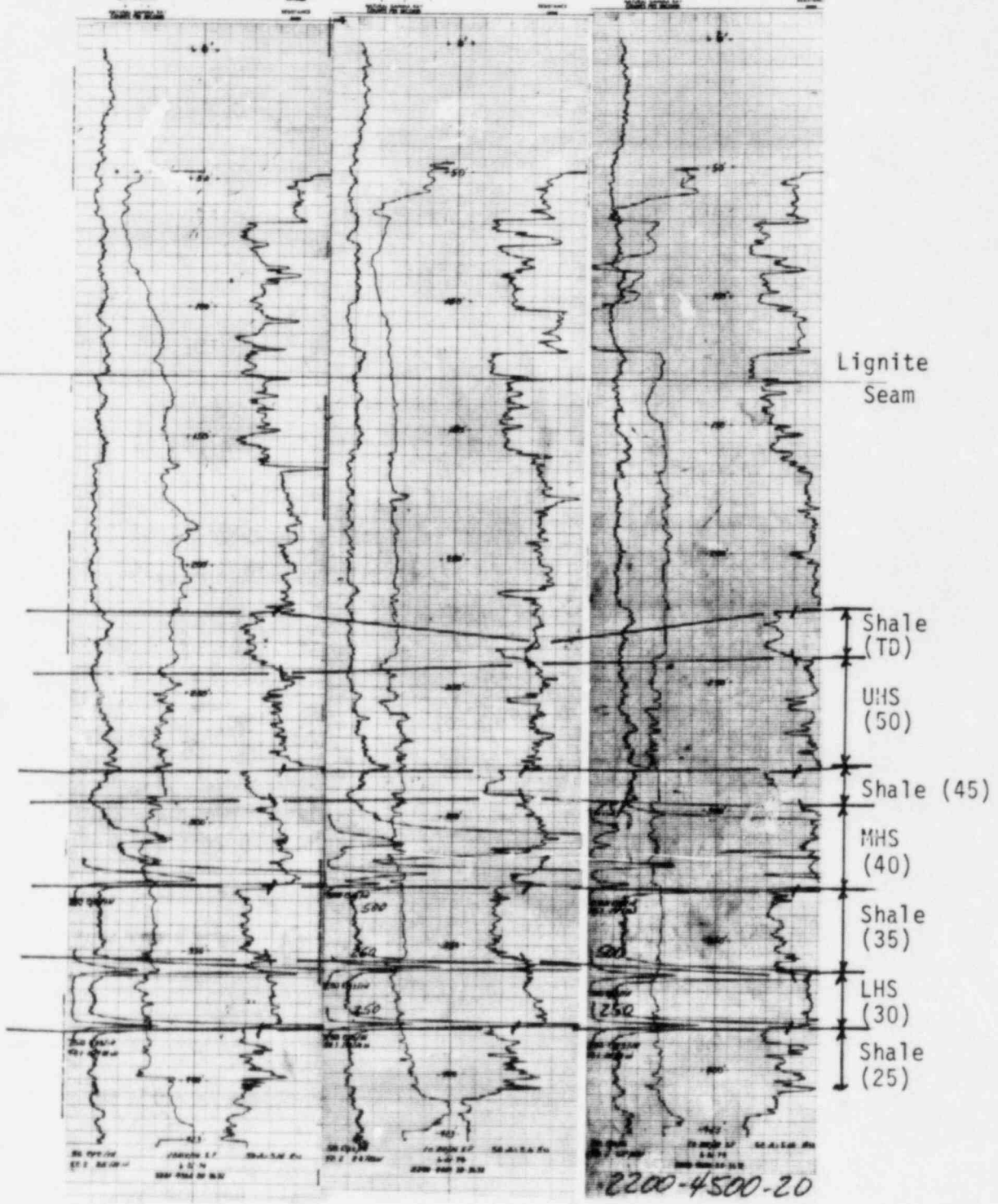


FIGURE V-1-8

34	36	S	73
2300 3400	25-3650 66.5267	2300 3750	2300 3850

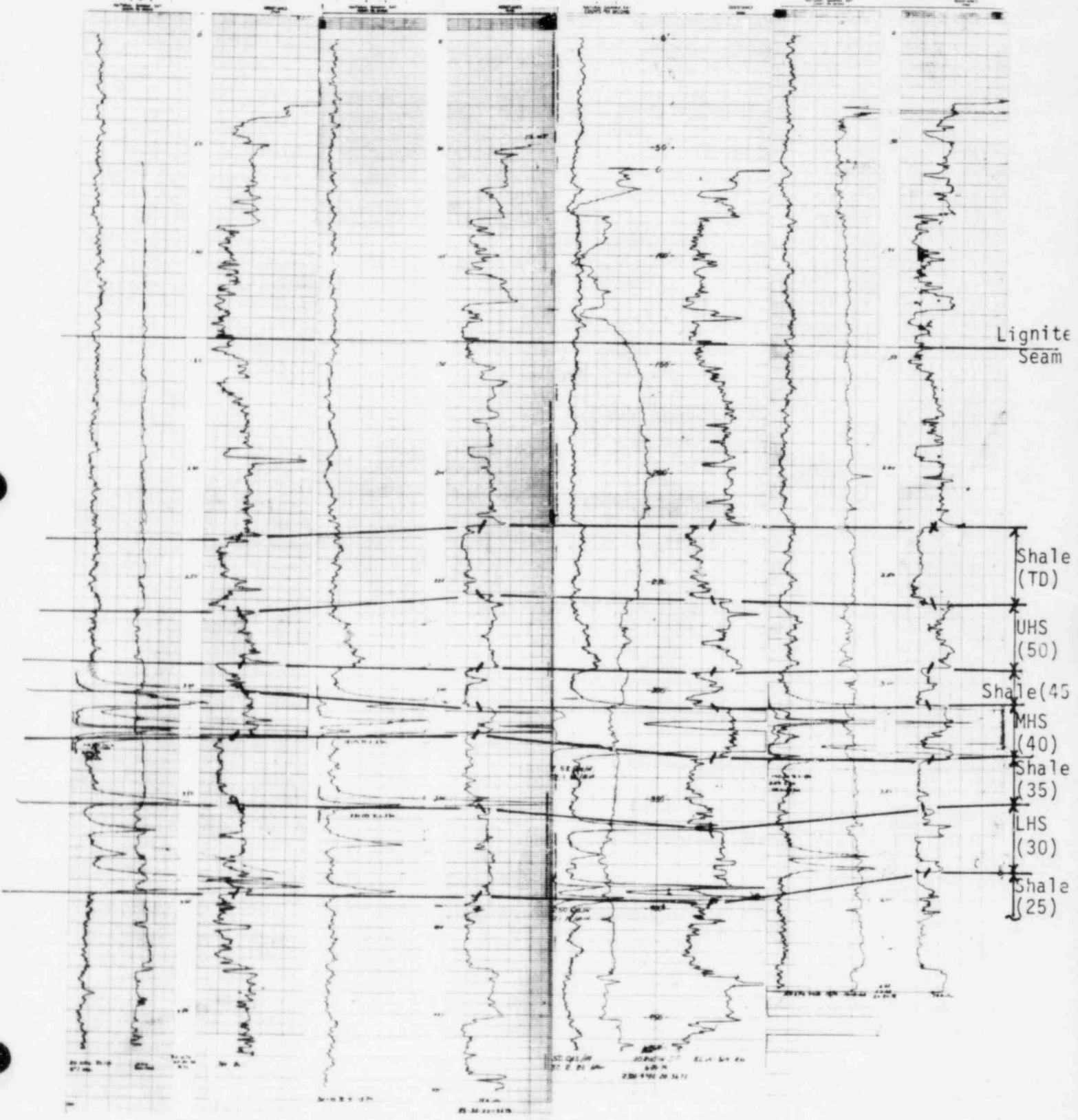


FIGURE V-1-9

23

LOGGED 40

2300
4000

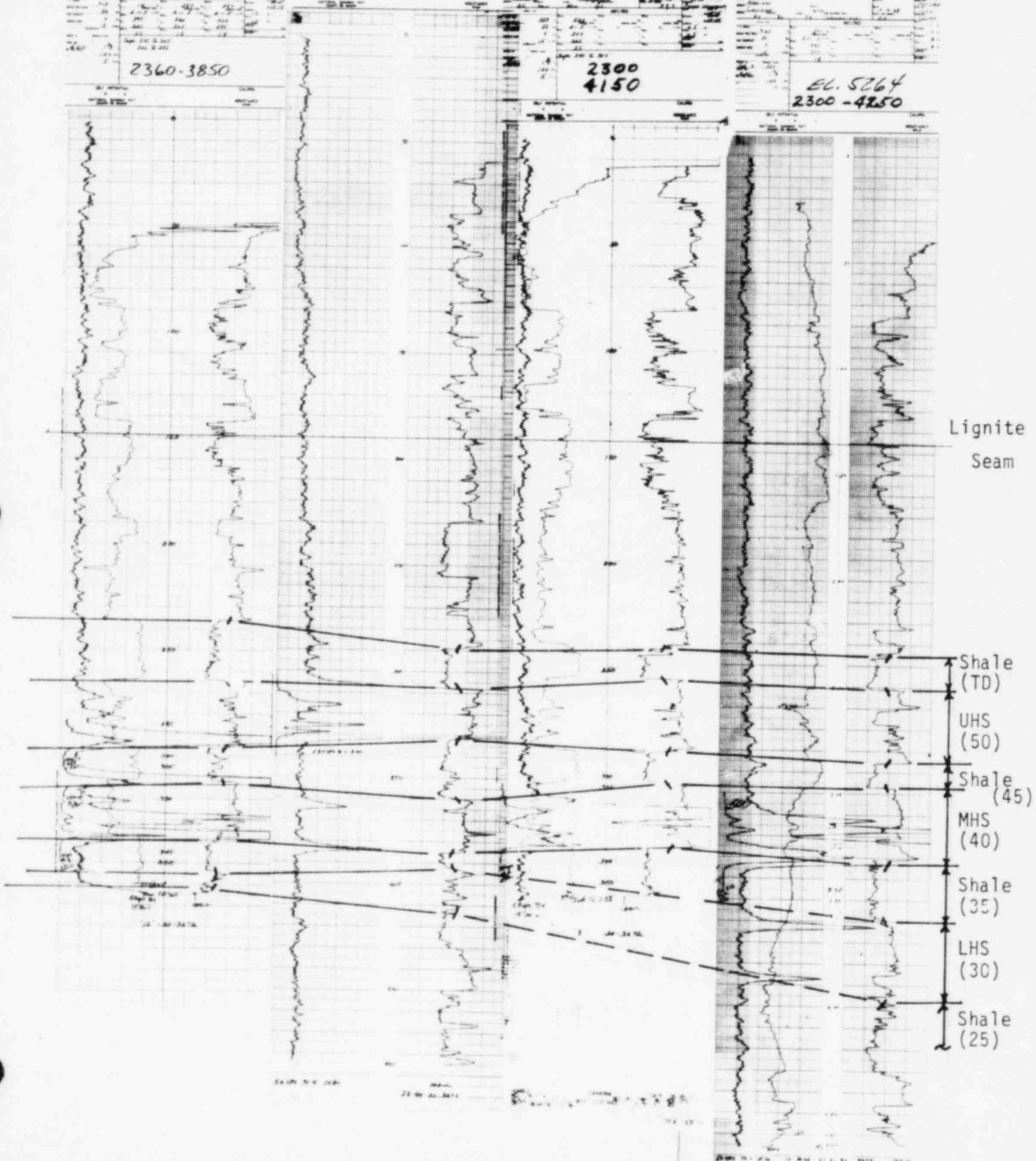
23

42

2300
4150

EL. 5264
2300-4250

2360-3850



Lignite
Seam

Shale
(TD)

UHS
(50)

Shale
(45)

MHS
(40)

Shale
(35)

LHS
(30)

Shale
(25)

FIGURE V-1-10

2300-4200-20

2300 4350 EC. 5264	2400 3700	2400 3800	2400 4100
--------------------------	--------------	--------------	--------------

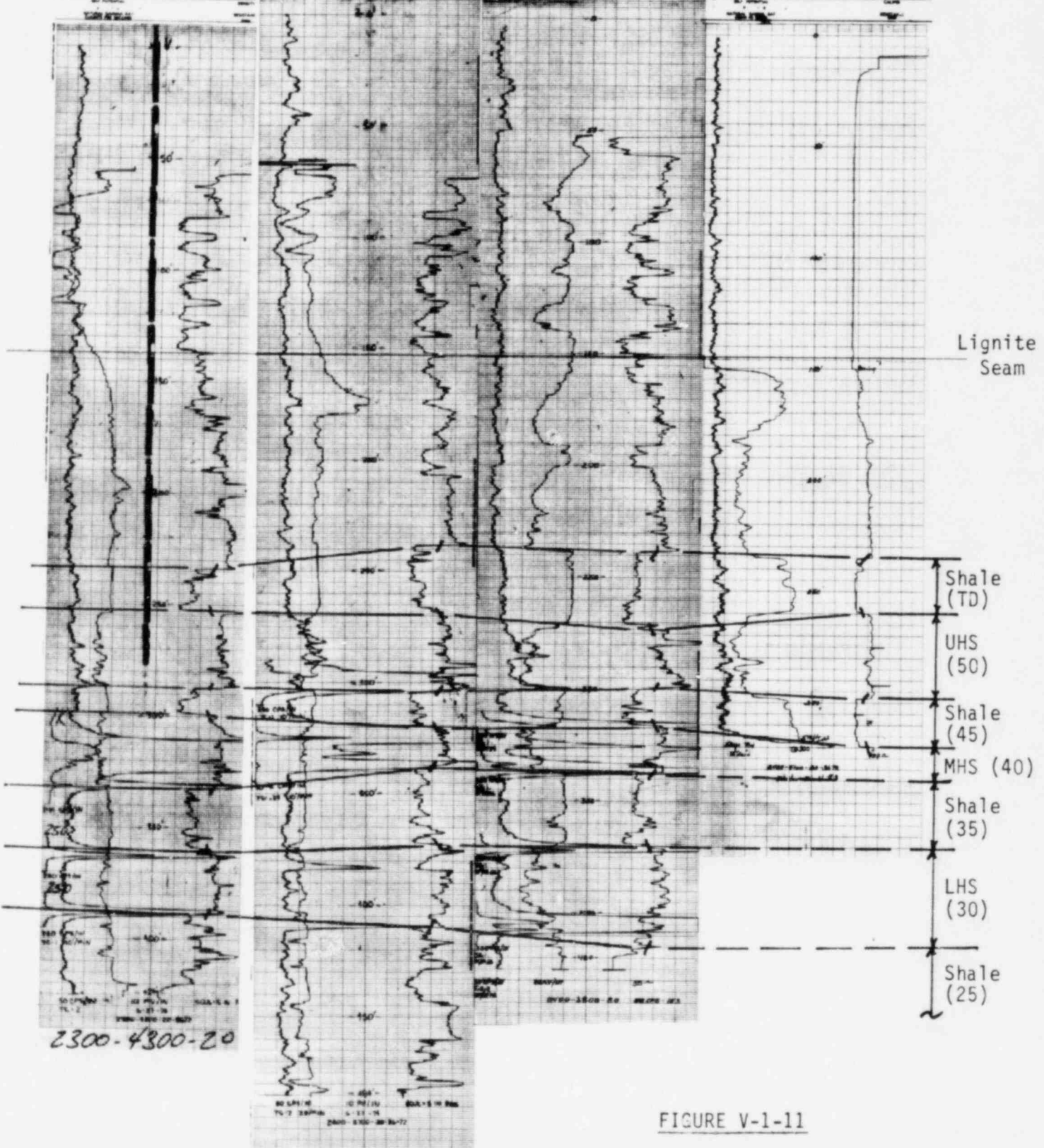


FIGURE V-1-11

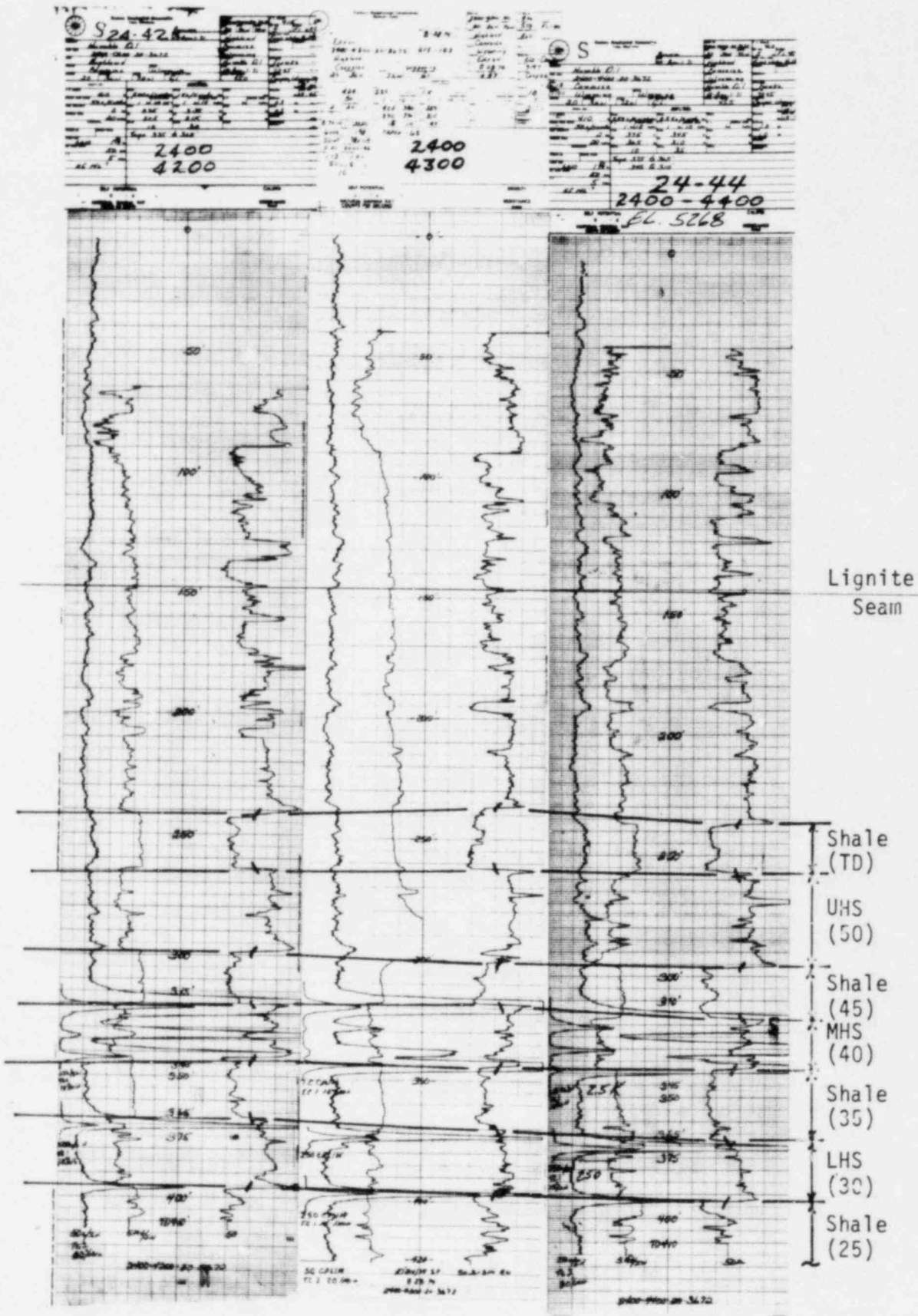


FIGURE V-1-12

DIGITIZED 25
 34
 25-34
 2500-3400

S
 2500
 3500

DIGITIZED
 2500
 3700
 4000

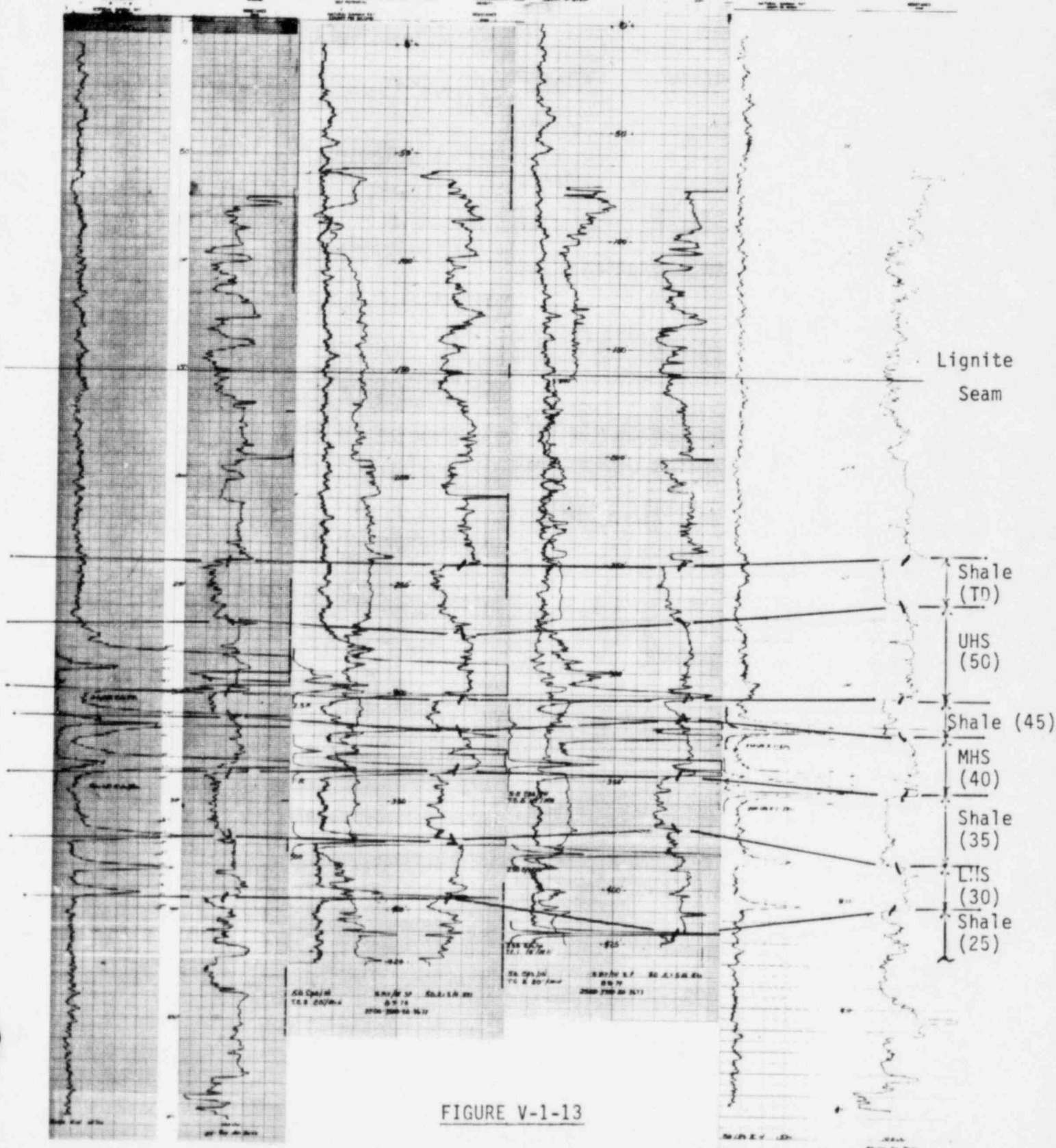


FIGURE V-1-13

DIGITIZED 25 42 2500 4200	DIGITIZED 2500 4350	DIGITIZED 2500 4450
---------------------------------------	---------------------------	---------------------------

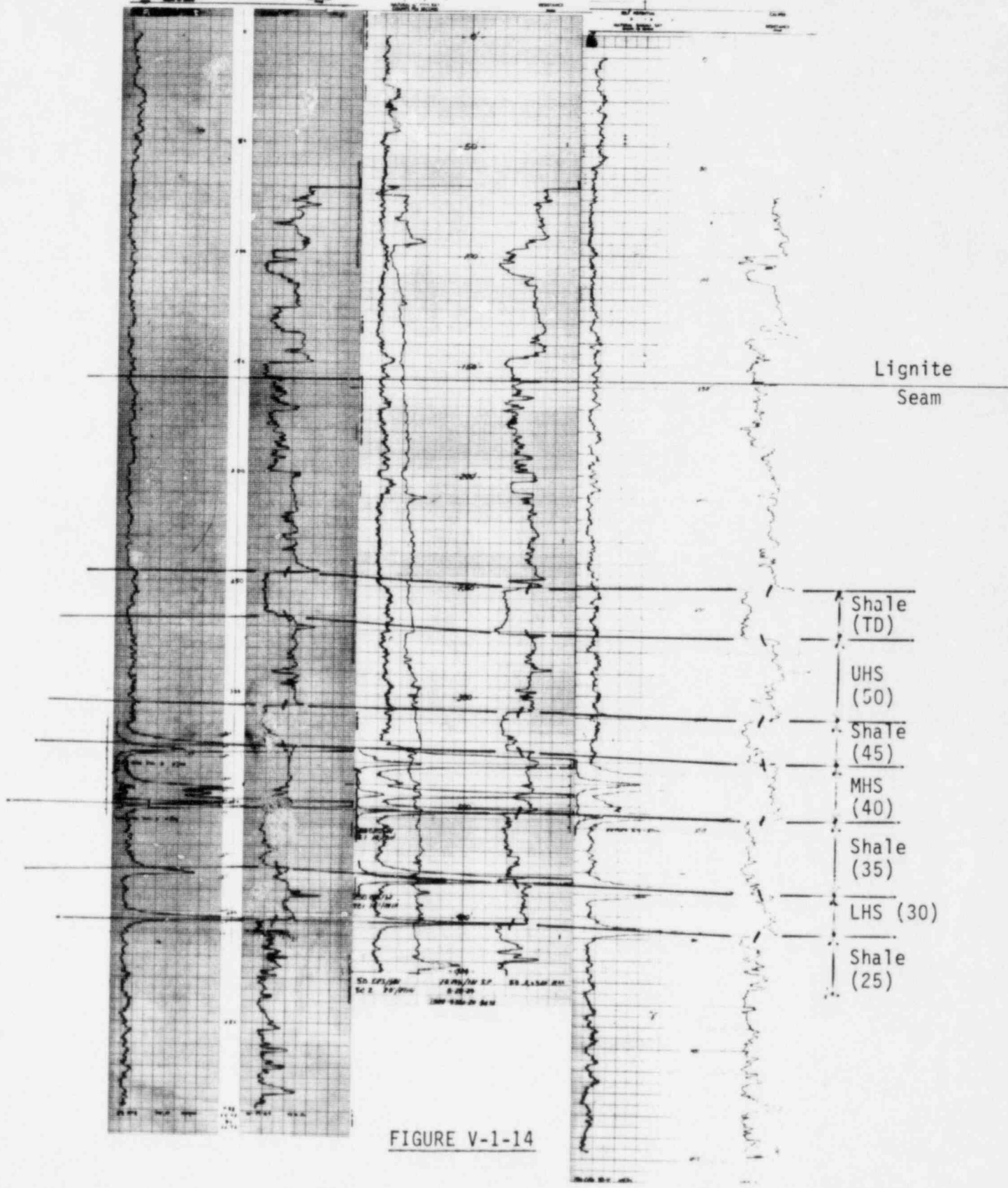


FIGURE V-1-14

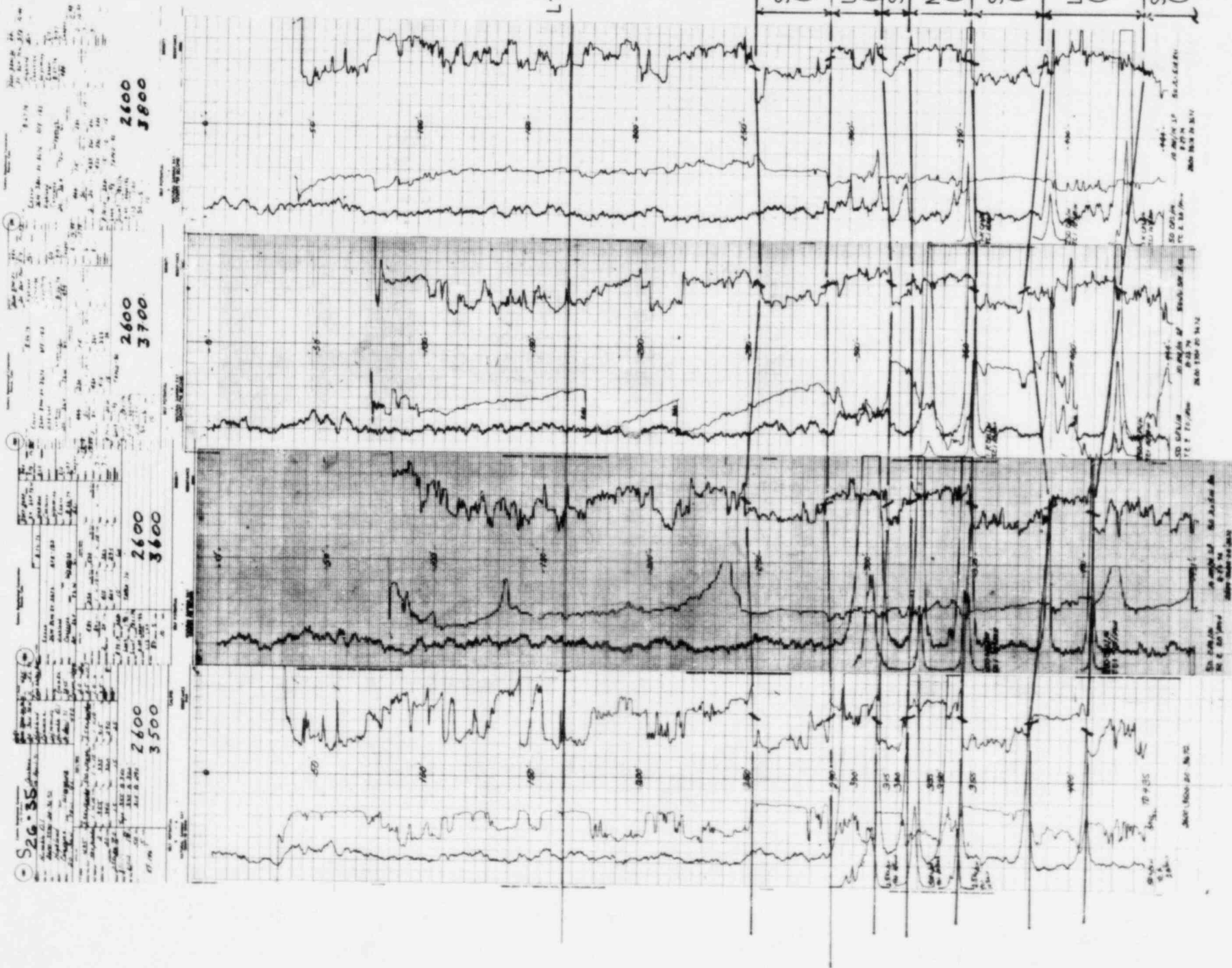


FIGURE V-1-15

26-73

2603
3900

2600
4000

2600
4300

2600
4400

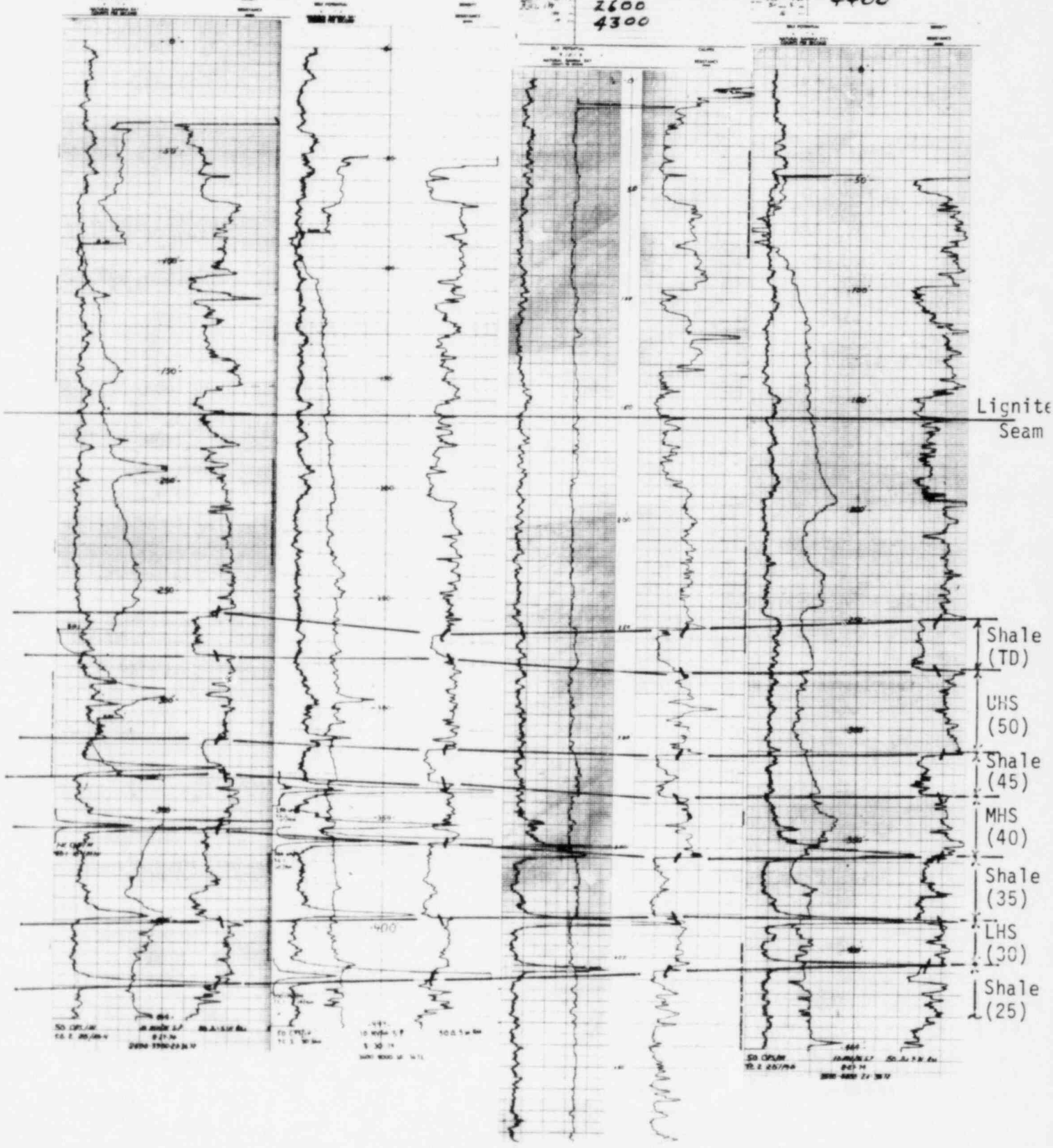


FIGURE V-1-16

27
38

<p>2700 3500</p>	<p>27-36 2700 3600 EL. 5299</p>	<p>2700 3700</p>	<p>2700 3800</p>
----------------------	---	----------------------	----------------------

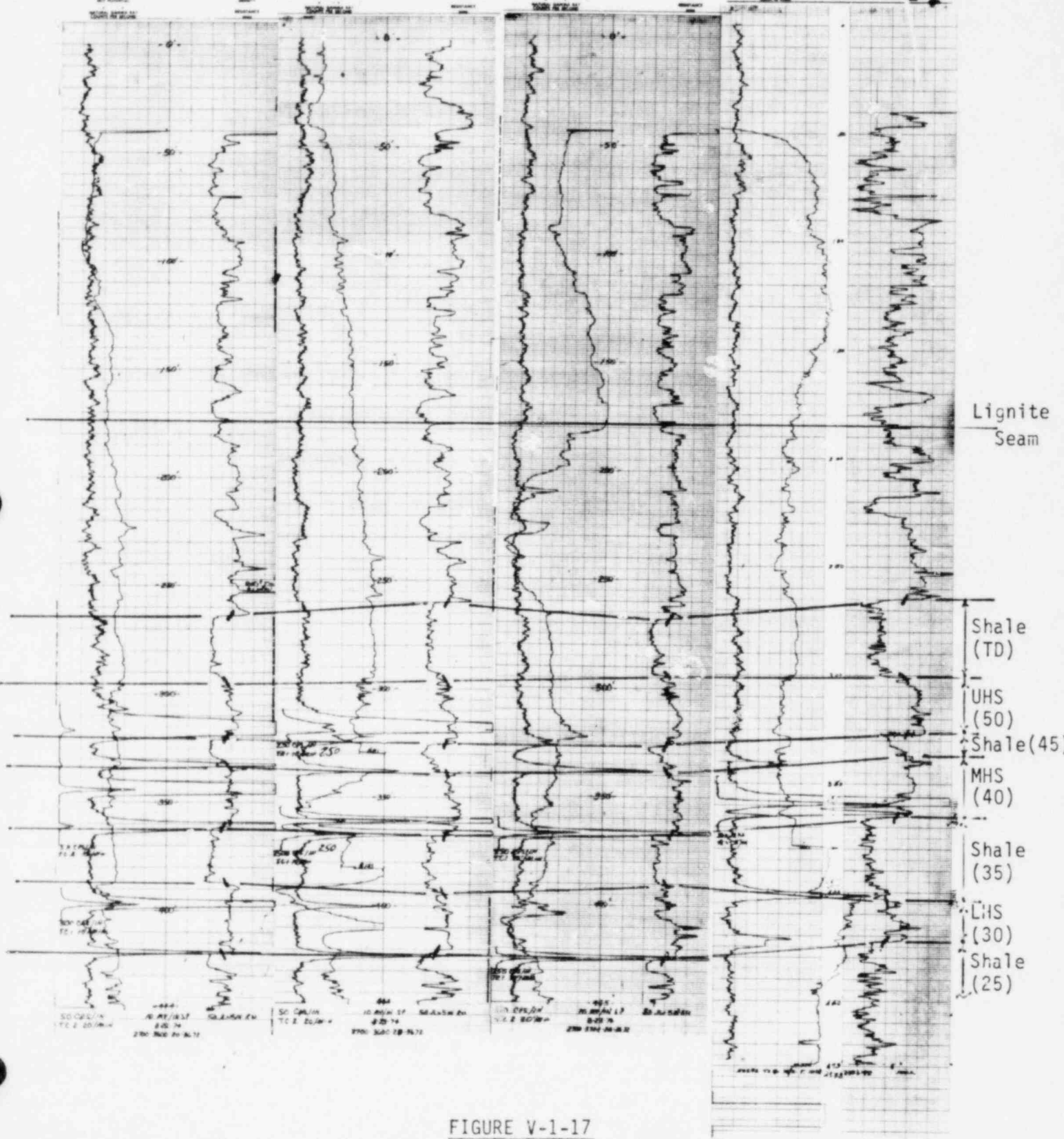


FIGURE V-1-17

Well No.	Depth (ft)	Formation	Notes
2700	3900		
2700	4050		
2700	4200		

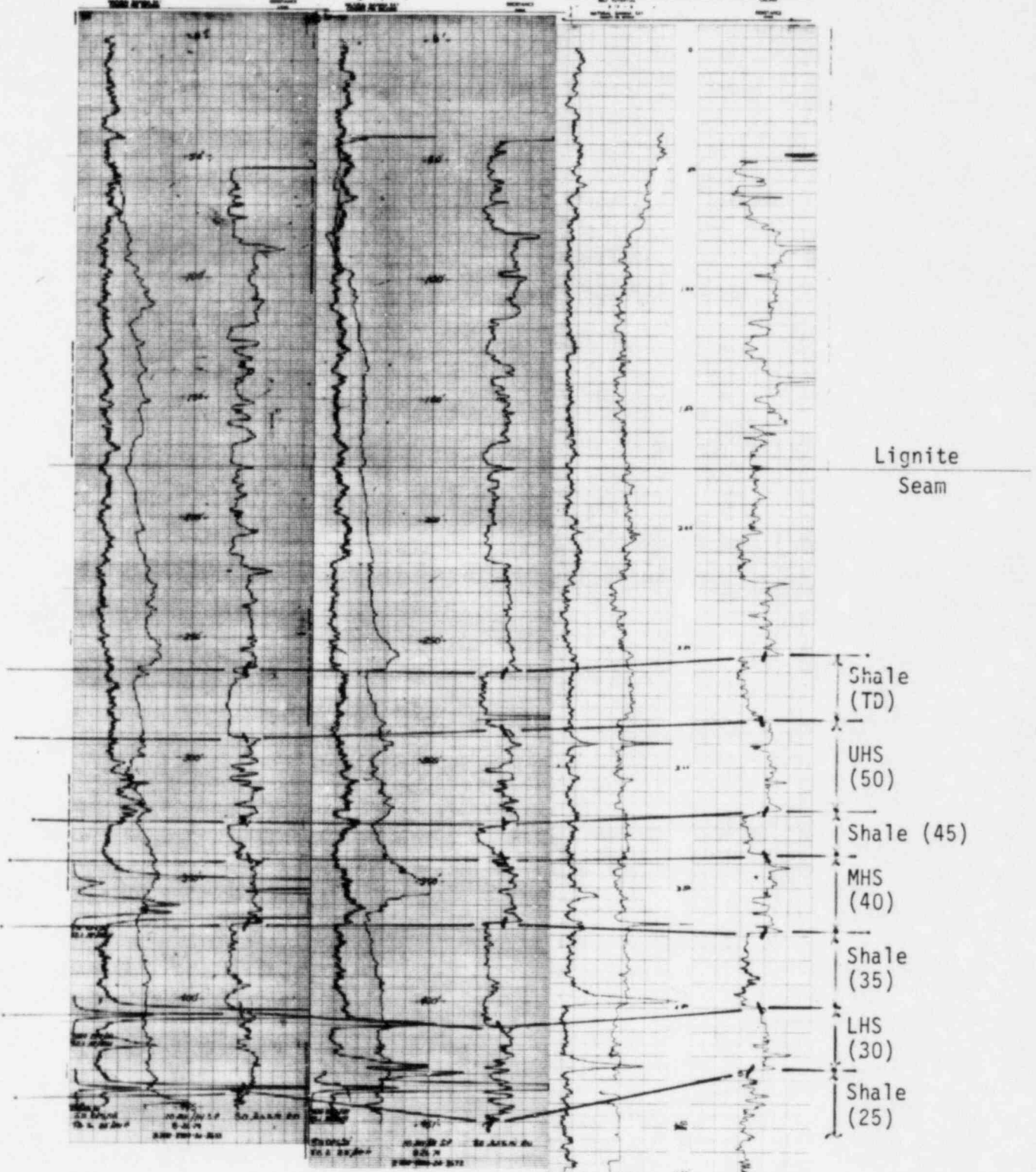


FIGURE V-1-18

ATTACHMENT VI

DECOMMISSIONING & RECLAMATION PLANS

FOR

EXXON MINERALS COMPANY'S

ORIGINAL PILOT URANIUM SOLUTION MINE AT HIGHLAND

ATTACHMENT VI

DECOMMISSIONING & RECLAMATION PLANS

1. INTRODUCTION

The majority of the facilities at Exxon's Pilot Uranium Solution Mining site are directly associated with the Expanded R&D (second well field) Pilot program. Exxon, therefore, proposes to decommission, at this time, those facilities which are associated only with the Original Pilot, and which do not service the Expanded R&D Pilot. These items are addressed in the following sections.

2. RADIOLOGICAL SURVEYS

Prior to release to unrestricted areas or for unrestricted use of any equipment, material or packages, such items will be surveyed and assured to meet the guidelines contained in "Guidelines for Decontamination of Facilities and Equipment Prior to Release for Unrestricted Use or Termination of License for Byproduct, Source or Special Nuclear Material."

Pipes, pumps and materials which are potentially contaminated will be surveyed for radioactive material contamination as they are removed from service in order to determine the need for continued restricted area controls and mode of disposal. The results of such surveys will also be used to evaluate the degree of contamination on piping to be left in the ground.

Prior to surface reclamation (see Section 6.3 of this Attachment), the ground surface of the Original Pilot well field area will be surveyed for radioactive material contamination. Soils exhibiting radiation levels in excess of twice background will be removed and disposed of in the Highland Mill tailings basin.

3. WELL PUMPS

Any pumps remaining in or at any of the fifteen (15) Original Pilot wells will be removed from the wells (or well-sites). These pumps will be either used elsewhere on site or stored on site for possible future on-site use.

4. PUMP HOUSE

The small pump house located at the injection well will be relocated to the Expanded R&D Pilot site for use as either a storage facility or for weather-protection of Expanded R&D Pilot equipment. The small amount of equipment presently within the pump house will be stored in Expanded R&D Pilot facilities for possible future use.

0620I-52

5. PIPING

There are approximately 550 feet of 1.5-inch diameter pipe buried approximately five feet below the surface between the six original production wells and the pump house. Also, there are approximately 100 feet of 3-inch diameter pipe buried approximately five feet below the surface between the pump house and the waste water tank next to the I-X building. It is not expected that these pipes will be contaminated, and they will be left in the ground in order to minimize unnecessary surface disturbances.

There are approximately 250 feet of 1.5-inch diameter pipe at ground level between observation well no. 7, the original injection well, wells nos. 13 and 14, and the waste water tank. These pipes, along with any other piping (or portions of piping) buried within two feet of the ground surface, will be removed. This piping will be stored on site for possible future on-site use.

6. RECLAMATION

6.1 Evaporation Pond

During initial pilot uranium solution mining operations, a small local evaporation pit was used to collect and evaporate waste water. The pit location was as shown in Figure VI-1. The maximum depth of the pit was approximately 25 feet and its ground-level surface area was approximately 6,000 square feet. The pit was lined with a local shale material.

When the Highland Mill tailings basin became operational, waste waters generated at the pilot solution mining project were piped to the tailings basin, and usage of the local evaporation pit was terminated.

The evaporation pit was reclaimed in September 1976 in order to drill additional exploration holes. The reclamation of the pit was conducted in accordance with statements made by Exxon in documents previously submitted to regulatory agencies; as such, the pit was filled in with overburden, topsoiled, and revegetated.

In that Exxon does not have survey results to document the condition of the pit prior to reclamation, it was decided to core down through the reclaimed pit, and to analyze the cored materials for pertinent radioactive material content. Also, gamma radiation surveys were conducted on the cored material during coring operations. The results of these surveys are documented in Table VI-1, and indicate that no significant contamination exists within the reclaimed evaporation pit.

6.2 Well Reclamation

Reclamation of the Original Pilot wells will be accomplished as described in Exxon's May 10, 1978, request to the Wyoming State Department of Environmental Quality (WDEQ), Land Quality Division (LQD) for Modification to Mining Permit No. 218-C. The Modification was approved by the WDEQ/LQD on October 26, 1978.

All wells will be plugged with a cement mixture in an interval extending from the bottom of the hole to a point in the hole which is a minimum of 50 feet above the top of the ore zone. The casing will then be filled with drilling mud or other suitable material to a point of approximately 20 feet below the surface. A cement plug will be placed from the top of the mud to within five feet of the surface. The casing will then be cut off at least two feet below the surface, and the area will be smoothed and leveled to blend with the natural terrain.

6.3 Surface Reclamation

The surface of the entire Original Pilot well field area will be appropriately contoured, topsoiled and revegetated in accordance with criteria and procedures identified and outlined in the current revision of WDEQ/LQP Mining & Reclamation Plan No. 218-C.

7. DOCUMENTATION

Materials, methods and procedures used in decommissioning and reclamation, as well as the disposition of the decommissioned equipment and facilities, will be properly documented, and appropriate records will be maintained in Company files.

0620I-55

TABLE VI-1 -- RADIOLOGICAL SURVEYS OF RECLAIMED EVAPORATION PIT

<u>Depth of Core Surveyed/Analyzed</u>	<u>Type of Material Found</u>	<u>Gamma Reading (μR/hr.)</u>	<u>Ra-226 (pCi/gram)</u>	<u>Th-230 (pCi/gram)</u>	<u>Nat U (pCi/gram)</u>
<u>Core No. 1</u>					
0-15 Ft.	Overburden Fill	20-30 ⁽¹⁾	1.4	0.9	4.8
15-20 Ft.	Shale Fill	20-30	1.7	1.7	2.4
20-27 Ft.	Shale & Pit Bottom	20-30	1.8	3.6	3.0
27-30 Ft.	Underlying Sand	20-30	1.6	1.4	2.4
<u>Core No. 2</u>					
0-15 Ft. ⁽²⁾	Overburden & Shale Fill	20-30	0.6	0.7	8.3

(1) Typical background level.

(2) Pit bottom at approximately 12 foot depth.

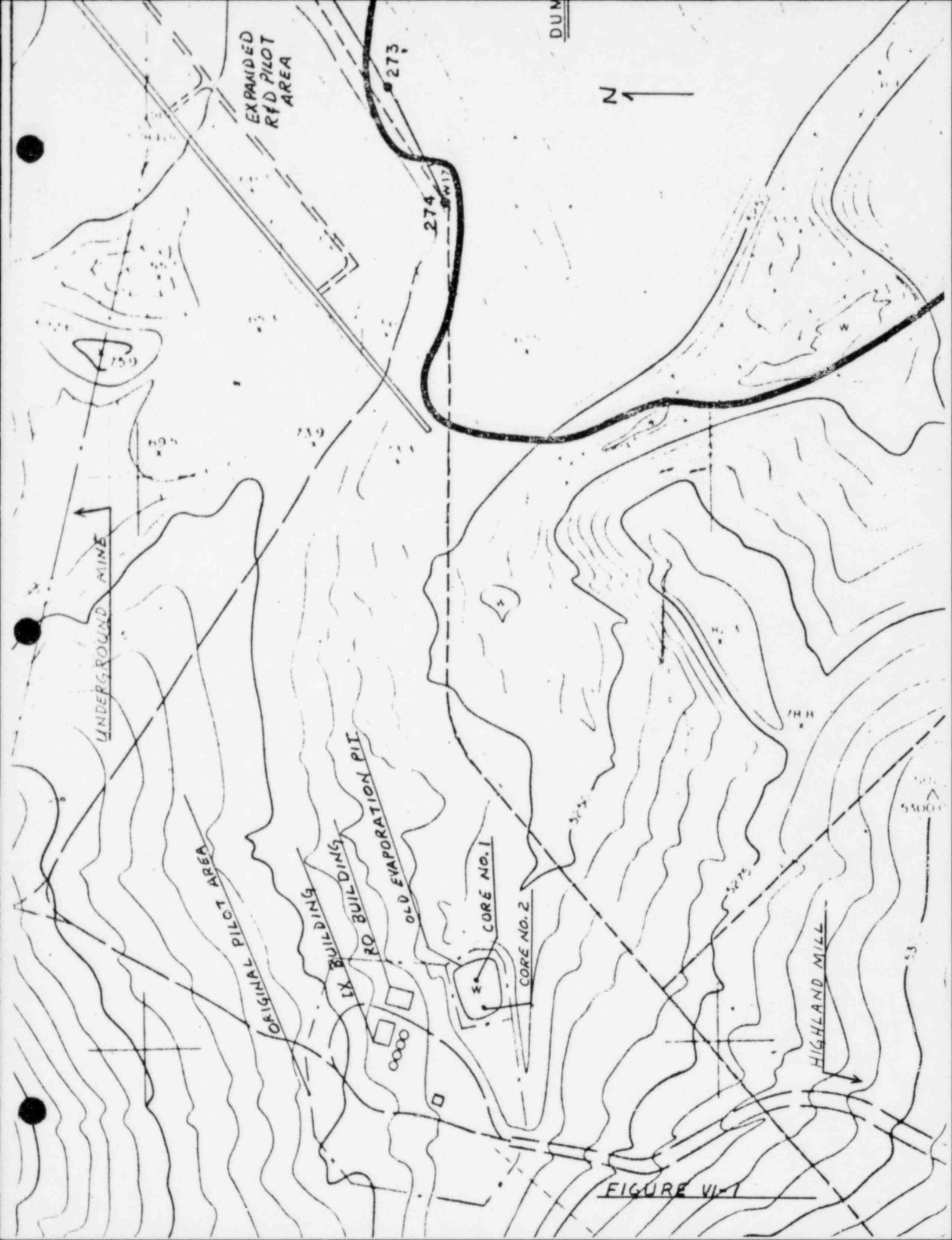


FIGURE VI-1

Returns to URFO 467-55

40-8064

w/lt 9/29/82

APPENDIX A

TO

ATTACHMENT III

ANALYTICAL DATA (TABLES) FOR FLUID SAMPLES

COLLECTED AT

EXXON MINERALS COMPANY'S

ORIGINAL PILOT URANIUM SOLUTION MINE AT HIGHLAND

DESIGNATED ORIGINAL

Certified By

B FISH

20770

APPENDIX A NOTES

1. The enclosed tables of data are organized by wells--starting with the single original injector, followed by the six original production wells, then the six observation wells, and finally, the two restoration enhancement wells (P-13 & P-14).
2. The sample dates are expressed in the following order: year, month, day.
3. The term ".00" indicates that respective samples were not analyzed for those characteristics.
4. A minus sign (-) preceding a number (i.e., -1.00) indicates that the actual result was lower than the value shown.
5. The value of 574.10 pCi/l represents the lower detection limit for natural uranium.

SOLUTION MINE WELLS
 ORIGINAL PILOT
 OPINJ (200)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH236 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
750807	.00	.00	.00	.00	236529.00	.00	.00	.00	.00	.00	.00	.00
750808	.00	.00	.00	.00	175675.00	.00	.00	.00	.00	.00	.00	.00
750811	.00	.00	.00	.00	265808.31	.00	.00	.00	.00	.00	.00	.00
750812	.00	.00	.00	.00	265808.00	.00	.00	.00	.00	.00	.00	.00
750813	.00	.00	.00	.00	254326.00	.00	.00	.00	.00	.00	.00	.00
750814	.00	.00	.00	.00	269827.00	.00	.00	.00	.00	.00	.00	.00
750815	.00	.00	.00	.00	273272.00	.00	.00	.00	.00	.00	.00	.00
750816	.00	.00	.00	.00	269827.00	.00	.00	.00	.00	.00	.00	.00
750817	.00	.00	.00	.00	263512.00	.00	.00	.00	.00	.00	.00	.00
750818	.00	.00	.00	.00	258345.00	.00	.00	.00	.00	.00	.00	.00
750819	.00	.00	.00	.00	275568.00	.00	.00	.00	.00	.00	.00	.00
750820	.00	.00	.00	.00	251456.00	.00	.00	.00	.00	.00	.00	.00
750821	.00	.00	.00	.00	236529.00	.00	.00	.00	.00	.00	.00	.00
750822	.00	.00	.00	.00	229640.00	.00	.00	.00	.00	.00	.00	.00
750823	.00	.00	.00	.00	244567.00	.00	.00	.00	.00	.00	.00	.00
750824	.00	.00	.00	.00	233659.00	.00	.00	.00	.00	.00	.00	.00
750825	.00	.00	.00	.00	236529.00	.00	.00	.00	.00	.00	.00	.00
750826	.00	.00	.00	.00	237677.00	.00	.00	.00	.00	.00	.00	.00
750904	.00	.00	.00	.00	239973.81	.00	.00	.00	.00	.00	.00	.00
750909	.00	.00	.00	.00	224473.09	.00	.00	.00	.00	2653.30	5706.60	.00
750912	.00	.00	.00	.00	251455.81	.00	.00	.00	.00	2653.30	5991.93	.00
750921	.00	.00	.00	.00	249159.41	.00	.00	.00	.00	.00	.00	.00
750924	.00	.00	.00	.00	249159.41	.00	.00	.00	.00	2653.30	8274.57	.00
750928	.00	.00	.00	.00	247437.09	.00	.00	.00	.00	2653.30	5421.27	.00
751002	.00	.00	.00	.00	245140.69	.00	.00	.00	.00	2567.97	11698.53	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OPINJ (200)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	C03 MG/L	HCO3 MG/L	NH3 MG/L
751221	.00	.00	.00	.00	183138.00	.00	.00	.00	.00	.00	.00	.00
751222	.00	.00	.00	.00	182563.81	.00	.00	.00	.00	1226.92	2739.17	.00
751223	.00	.00	.00	.00	181990.00	.00	.00	.00	.00	.00	.00	.00
751229	.00	.00	.00	.00	175674.59	.00	.00	.00	.00	.00	.00	.00
760104	.00	.00	.00	.00	171655.91	.00	.00	.00	.00	.00	.00	.00
760115	.00	.00	.00	.00	165914.91	.00	.00	.00	.00	.00	1626.38	.00
760127	.00	.00	.00	.00	169933.59	.00	.00	.00	.00	.00	.00	.00
760209	.00	.00	.00	.00	153858.81	.00	.00	.00	.00	1626.11	3395.43	.00
760222	.00	.00	.00	.00	169933.59	.00	.00	.00	.00	1312.52	3823.42	.00
760307	.00	.00	.00	.00	162470.31	.00	.00	.00	.00	.00	.00	.00
760324	.00	.00	.00	.00	142376.81	.00	.00	.00	.00	1540.78	5991.93	.00
760330	.00	.00	.00	.00	141228.59	.00	.00	.00	.00	1455.18	2767.70	.00
760404	.00	.00	.00	.00	133191.19	.00	.00	.00	.00	1369.58	2767.70	.00
760410	.00	.00	.00	.00	122283.30	.00	.00	.00	.00	1312.52	2910.37	.00
760416	.00	.00	.00	.00	148117.81	.00	.00	.00	.00	1369.58	2453.84	.00
760420	.00	.00	.00	.00	147543.69	.00	.00	.00	.00	1312.52	2453.84	.00
760502	.00	.00	.00	.00	143525.00	.00	.00	.00	.00	1312.52	2510.90	.00
760508	.00	.00	.00	.00	148691.91	.00	.00	.00	.00	1312.52	2624.77	.00
760511	.00	.00	.00	.00	140080.41	.00	.00	.00	.00	1466.60	2322.59	.00
760517	.00	.00	.00	.00	141802.69	.00	.00	.00	.00	1283.99	3680.76	.00
760526	.00	.00	.00	.00	139506.31	.00	.00	.00	.00	1341.05	2539.44	.00
760603	.00	.00	.00	.00	146395.50	.00	.00	.00	.00	1312.52	2596.50	.00
760610	.00	.00	.00	.00	132043.00	.00	.00	.00	.00	1198.39	2425.31	.00
760622	.00	.00	.00	.00	127450.20	.00	.00	.00	.00	1141.32	2197.04	.00
760630	.00	.00	.00	.00	110227.20	.00	.00	.00	.00	1084.25	2111.44	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OPINJ (200)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	C03 MG/L	HCO3 MG/L	NH3 MG/L
760709	.00	.00	.00	.00	124579.70	.00	.00	.00	.00	1084.25	1411.71	.00
760714	.00	.00	.00	.00	121709.20	.00	.00	.00	.00	1055.72	1997.31	.00
760722	.00	.00	.00	.00	109079.00	.00	.00	.00	.00	998.66	1883.18	.00
760819	.00	.00	.00	.00	106208.50	.00	.00	.00	.00	970.12	2051.52	.00
760919	.00	.00	.00	.00	110801.30	.00	.00	.00	.00	485.06	3024.50	.00
760925	.00	.00	.00	.00	111375.41	.00	.00	.00	.00	1138.47	2062.94	.00
761011	.00	.00	.00	.00	74633.00	.00	.00	.00	.00	884.52	1683.45	.00
761029	.00	.00	.00	.00	90133.70	.00	.00	.00	.00	995.80	1740.51	.00
761105	.00	.00	.00	.00	88411.41	.00	.00	.00	.00	935.88	1563.61	.00
761115	.00	.00	.00	.00	85540.91	.00	.00	.00	.00	1027.19	1540.78	.00
761124	.00	.00	.00	.00	90707.80	.00	.00	.00	.00	970.12	1540.78	.00
761203	.00	.00	.00	.00	80948.09	.00	.00	.00	.00	970.12	1540.78	.00
761207	.00	.00	.00	.00	86689.09	.00	.00	.00	.00	827.46	1683.45	.00
761229	.00	.00	.00	.00	85540.91	.00	.00	.00	.00	.00	.00	.00
770106	.00	.00	.00	.00	64299.20	.00	.00	.00	.00	935.88	1244.04	.00
770113	.00	.00	.00	.00	87263.20	.00	.00	.00	.00	1018.63	2194.19	.00
770130	.00	.00	.00	.00	75781.20	.00	.00	.00	.00	970.12	2054.38	.00
770214	.00	.00	.00	.00	69466.09	.00	.00	.00	.00	855.99	1064.28	.00
770215	.00	.00	.00	.00	35020.10	.00	.00	.53	.17	.00	.00	.00
770216	.00	.00	.00	.00	59132.30	.00	.00	.00	.00	485.00	774.00	.00
770218	.00	.00	.00	.00	68317.91	.00	.00	.00	.00	.00	.00	.00
770227	.00	.00	.00	.00	63725.10	.00	.00	.00	.00	827.46	1769.05	.00
770306	.00	.00	.00	.00	31001.40	.00	.00	.00	.00	264.00	447.00	.00
770312	.00	.00	.00	.00	36168.30	.00	.00	.00	.00	599.19	1084.25	.00
770325	.00	.00	.00	.00	60280.50	.00	.00	.00	.00	690.50	1483.72	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OPINJ (200)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	C03 MG/L	HC03 MG/L	NH3 MG/L
770404	.00	.00	.00	.00	57984.10	.00	.00	.00	.00	.00	.00	.00
770408	.00	.00	.00	.00	63151.00	.00	.00	.00	.00	.00	.00	.00
770420	.00	.00	.00	.00	58558.20	.00	.00	.00	.00	656.26	1483.72	.00
770421	.00	.00	.00	.00	53965.40	.00	.00	.00	.00	20.00	137.00	.00
770426	.00	.00	.00	.00	45372.60	.00	.00	.00	.00	59.92	693.35	.00
770506	.00	.00	.00	.00	69466.09	.00	.00	.00	.00	59.92	693.35	.00
770512	.00	.00	.00	.00	44205.70	.00	.00	.00	.00	1141.32	3053.03	.00
770521	.00	.00	.00	.00	63151.00	.00	.00	.00	.00	570.66	390.90	.00
770530	.00	.00	.00	.00	42483.40	.00	.00	.00	.00	.00	.00	.00
770616	.00	.00	.00	.00	47076.20	.00	.00	.00	.00	650.55	1418.09	.00
770623	.00	.00	.00	.00	39038.80	.00	.00	.00	.00	1940.24	1352.46	.00
770710	.00	.00	.00	.00	43631.60	.00	.00	.00	.00	.00	.00	.00
770721	.00	.00	.00	.00	36168.30	.00	.00	.00	.00	.00	.00	.00
770728	.00	.00	.00	.00	34446.00	.00	.00	.00	.00	.00	.00	.00
770804	.00	.00	.00	.00	36742.40	.00	.00	.00	.00	.00	.00	.00
770827	.00	.00	.00	.00	47650.30	.00	.00	.00	.00	.00	.00	.00
770908	.00	.00	.00	.00	52817.20	.00	.00	.00	.00	.00	.00	.00
770925	.00	.00	.00	.00	38464.70	.00	.00	.00	.00	319.57	938.74	.00
771004	.00	.00	.00	.00	55113.60	.00	.00	.00	.00	1711.98	2910.37	.00
771026	.00	.00	.00	.00	41335.20	.00	.00	.00	.00	359.52	1309.66	.00
771117	.00	.00	.00	.00	35594.20	.00	.00	.00	.00	390.90	1129.91	.00
771128	.00	.00	.00	.00	47076.20	.00	.00	.00	.00	299.60	1038.60	.00
771208	.00	.00	.00	.00	.00	.00	.00	.58	.06	.00	.00	.00
780109	.00	.00	.00	.00	52243.10	.00	.00	.00	.00	898.79	3652.22	.00
780210	9.17	.00	.00	.00	47650.30	.00	.00	.00	.00	240.00	1251.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OPINJ (200)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	C03 MG/L	HCO3 MG/L	NH3 MG/L
780213	9.50	.00	.00	.00	43057.50	.00	.00	.00	.00	331.00	1126.00	.00
780215	9.56	.00	71.00	.00	41335.20	.00	.00	.53	.17	360.00	1400.00	.00
780308	9.29	.00	30.00	.00	45353.90	.00	.00	.54	.20	300.00	1037.00	.00
780316	9.54	.00	.00	.00	47076.20	.00	.00	.00	.00	300.00	1006.00	.00
780323	9.76	.00	.00	.00	40761.10	.00	.00	.00	.00	331.00	1068.00	.00
780329	9.71	.00	.00	.00	43631.60	.00	.00	.00	.00	360.00	1068.00	.00
780406	9.77	.00	62.00	.00	46502.10	.00	.00	.58	.15	331.00	1097.00	.00
780411	9.80	.00	.00	.00	42483.40	.00	.00	.00	.00	331.00	1097.00	.00
780423	9.66	.00	.00	.00	41335.20	.00	.00	.00	.00	331.00	1037.00	.00
780427	9.88	.00	.00	.00	41909.30	.00	.00	.00	.00	331.00	1037.00	.00
780511	9.46	.00	86.00	.00	45928.00	.00	.00	.29	.30	271.00	1128.00	.00
780525	9.56	.00	.00	.00	40761.10	.00	.00	.00	.00	300.00	1037.00	.00
780608	9.74	.00	78.00	.00	25834.50	.00	.00	.47	.27	300.00	1037.00	.00
780614	9.00	.00	.00	.00	41335.20	.00	.00	.00	.00	300.00	1068.00	.00
780622	9.76	.00	.00	.00	35020.10	.00	.00	.00	.00	331.00	971.00	.00
780629	9.69	.00	.00	.00	38464.70	.00	.00	.00	.00	151.00	580.00	.00
780706	9.90	.00	45.00	.00	43631.60	.00	.00	.27	.00	400.00	1026.00	.00
780713	9.53	.00	.00	.00	39612.90	.00	.00	.00	.00	300.00	1006.00	.00
780720	9.50	.00	.00	.00	31001.40	.00	.00	.00	.00	300.00	914.00	.00
780727	9.80	.00	.00	.00	38464.70	.00	.00	.00	.00	397.00	891.00	.00
780803	9.27	.00	26.00	.00	32723.70	.00	.00	.42	.20	240.00	854.00	.00
780810	9.88	.00	.00	.00	42483.40	.00	.00	.00	.00	300.00	1097.00	.00
780817	9.95	.00	.00	.00	42483.40	.00	.00	.00	.00	331.00	1037.00	.00
780825	9.71	.00	.00	.00	38464.70	.00	.00	.00	.00	240.00	945.00	.00
780831	9.80	.00	26.00	.00	39612.90	.00	.00	.42	.20	300.00	1006.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OPINJ (200)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
780907	9.83	.00	.00	.00	39612.90	.00	.00	.00	.00	360.00	1006.00	.00
780914	9.30	.00	.00	.00	21241.70	.00	.00	.00	.00	151.00	886.00	.00
780921	9.74	.00	.00	.00	32723.70	.00	.00	.00	.00	240.00	1068.00	.00
780928	9.50	.00	50.00	.00	40761.10	.00	.00	.32	.25	363.00	731.00	.00
781005	9.78	.00	.00	.00	37690.60	.00	.00	.00	.00	300.00	1037.00	.00
781012	9.90	.00	.00	.00	24112.20	.00	.00	.00	.00	331.00	640.00	.00
781019	9.22	.00	57.00	.00	38464.70	.00	.00	.56	.17	360.00	1006.00	.00
781102	9.49	.00	.00	.00	36168.30	.00	.00	.00	.00	210.00	976.00	.00
781109	9.12	.00	.00	.00	27556.80	.00	.00	.00	.00	315.00	503.00	.00
781117	9.60	.00	42.00	.00	28705.00	.00	.00	.88	.21	240.00	976.00	.00
781207	.00	.00	.00	.00	28705.00	.00	.00	.00	.00	420.00	671.00	.00
790313	9.90	.00	190.00	930.00	20667.60	.00	.00	.25	.23	266.00	692.00	.00
790329	9.80	.00	.00	.00	18371.20	.00	.00	.00	.00	254.00	771.00	.00
790403	9.70	.00	320.00	1050.00	3444.60	.00	.00	.02	.11	272.00	764.00	.00
790417	9.80	1480.00	.00	.00	26408.60	.00	.00	.00	.00	133.00	775.00	.00
790501	9.90	1500.00	.00	.00	29853.20	.00	.00	.05	.20	114.00	305.00	.00
790515	9.55	1600.00	.00	.00	29279.10	.00	.00	.00	.00	49.00	848.00	.00
790613	9.70	1550.00	.00	.00	29279.10	10.00	49.00	.48	.03	127.00	748.00	.00
790626	9.70	1750.00	.00	.00	31575.50	.00	.00	.00	.00	117.00	778.00	.00
790710	9.70	1600.00	.00	.00	29279.10	.00	.00	.11	.35	117.00	726.00	.00
790726	9.50	1710.00	.00	.00	24686.30	.00	.00	.00	.00	92.00	892.00	.00
790829	.00	.00	.00	.00	.00	.00	.00	-.01	-.01	.00	.00	.00
790925	6.85	1400.00	.00	.00	28705.00	.00	.00	.00	.00	-1.00	587.00	.00
791010	9.10	1820.00	27.80	364.00	29279.10	167.00	503.00	.29	.06	48.00	694.00	.21
791023	7.30	1900.00	.00	.00	17223.00	362.00	250.00	.00	.00	-1.00	710.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OPINJ (200)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
791106	9.30	1775.00	49.80	192.70	24112.20	164.00	191.00	.07	-.01	6.00	636.00	.68
791123	5.60	705.00	.00	.00	7463.30	164.00	183.00	.00	.00	-1.00	123.00	.00
791214	9.10	1600.00	58.50	279.20	29279.10	171.00	180.00	.00	.00	133.00	675.00	.00
791219	8.70	1400.00	.00	.00	24112.20	121.00	145.00	.00	.00	145.00	546.00	.00
800201	8.90	1200.00	.00	.00	3444.60	46.00	187.00	.00	.00	57.00	356.00	.00
800212	9.25	1500.00	18.50	186.30	2296.40	39.00	156.00	.19	.22	121.00	515.00	.58
800226	9.69	1300.00	.00	.00	26982.70	79.00	194.00	.00	.00	187.00	478.00	.00
800311	9.71	1300.00	41.00	188.00	25834.50	60.00	166.00	.22	.23	181.00	503.00	.43
800325	9.75	1400.00	.00	.00	24112.20	52.00	178.00	.00	.00	94.00	528.00	.00
800408	9.84	1500.00	47.90	129.40	24686.30	58.00	188.00	.18	.37	192.00	531.00	.37
800421	9.75	1500.00	.00	.00	21241.70	52.00	183.00	.00	.00	186.00	519.00	.00
800506	9.60	1550.00	16.10	152.00	23538.10	43.00	198.00	.24	.26	108.00	372.00	.48
800520	9.81	1500.00	.00	.00	22389.90	40.00	179.00	.00	.00	168.00	348.00	.00
800603	9.86	1400.00	37.80	137.40	21815.80	43.00	239.00	.29	.21	43.00	239.00	.45
800617	9.70	1500.00	.00	.00	21815.80	34.00	169.00	.00	.00	204.00	439.00	.00
800701	9.71	1200.00	38.50	140.30	22389.90	32.00	217.00	.35	.18	150.00	353.00	.12
800715	9.59	1400.00	.00	.00	21241.70	41.00	236.00	.00	.00	112.00	426.00	.00
800729	9.41	1150.00	.00	.00	22389.90	31.00	194.00	.00	.00	168.00	439.00	.00
800811	9.86	1375.00	16.70	158.00	20093.50	33.00	210.00	.30	.22	168.00	415.00	.49
800825	10.03	1415.00	.00	.00	14926.60	30.00	221.00	.00	.00	252.00	242.00	.00
800909	9.86	1100.00	35.70	128.00	18371.20	39.00	181.00	.21	.24	168.00	366.00	.34
800922	10.00	1100.00	.00	.00	16074.80	44.00	178.00	.00	.00	162.00	323.00	.00
801007	9.38	1200.00	.00	.00	14926.60	48.00	196.00	.00	.00	132.00	378.00	.00
801021	9.93	1400.00	.00	.00	20667.60	20.00	217.00	.00	.00	213.00	442.00	.00
801103	9.79	1430.00	60.00	147.00	21815.80	25.00	160.00	.24	.26	201.00	442.00	.48

SOLUTION MINE WELLS
ORIGINAL PILOT
OPINJ (200)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
801117	9.93	1380.00	.00	.00	19519.40	22.00	202.00	.00	.00	207.00	415.00	.00
801202	9.88	1200.00	.00	.00	17797.10	15.00	207.00	.00	.00	188.00	366.00	.00
801215	9.70	1600.00	.00	.00	7463.30	18.00	199.00	.00	.00	150.00	305.00	.00
801230	9.83	1210.00	.00	.00	6315.10	19.00	185.00	.00	.00	132.00	265.00	.00
810113	9.74	1290.00	24.00	131.00	14352.50	25.00	188.00	.41	.31	168.00	329.00	.51
810212	7.20	1040.00	.00	.00	22389.90	104.00	304.00	.00	.00	-1.00	616.00	.00
810226	9.10	1250.00	.00	.00	22389.90	30.00	259.00	.00	.00	138.00	488.00	-.10
810310	9.02	1400.00	.29	.89	19519.40	28.00	253.00	.29	.89	134.00	769.00	.00
810324	9.55	1200.00	.00	.00	20667.60	24.00	251.00	.00	.00	168.00	433.00	.00
810407	9.90	1300.00	91.18	34.00	19519.40	23.00	276.00	.02	.25	186.00	397.00	-.01
810423	9.25	1375.00	.00	.00	18945.30	25.00	239.00	.00	.00	144.00	427.00	.00
810519	9.80	1260.00	.00	.00	17223.00	27.00	255.00	.00	.00	177.00	380.00	.00
810602	9.81	1200.00	.00	.00	17223.00	22.00	235.00	.00	.00	180.00	351.00	.00
810617	10.02	800.00	.00	.00	12056.10	72.00	202.00	.00	.00	200.00	296.00	.00
810702	9.77	1200.00	.00	.00	14926.60	62.00	220.00	.00	.00	84.00	350.00	.00
810714	9.77	1290.00	40.74	1.00	13204.30	43.00	229.00	.00	.00	162.00	32.00	.08
810729	9.81	1090.00	.00	.00	13204.30	43.00	229.00	.00	.00	162.00	32.00	.00
810813	9.76	1300.00	.00	.00	13778.40	44.00	218.00	.00	.00	173.00	320.00	.00
810826	9.74	1200.00	.00	.00	12630.20	66.00	206.00	.00	.00	151.00	366.00	.00
810911	9.92	670.00	17.60	18.00	13778.40	54.00	218.00	.04	.8	162.00	332.00	.11
810923	9.77	1150.00	.00	.00	14352.50	68.00	214.00	.00	.00	162.00	299.00	.00
811007	9.74	1100.00	.00	.00	12056.10	64.00	200.00	.00	.00	152.00	331.00	.00
811020	9.77	1100.00	.00	.00	8037.40	64.00	219.00	.00	.00	168.00	290.00	.00
811103	9.71	1000.00	.00	1.00	12630.20	77.00	198.00	.00	.00	142.00	331.00	-.03
811117	9.80	1000.00	.00	.00	10907.90	56.00	208.00	.00	.00	154.00	303.00	.00

SOLUTION MINE WELLS
 ORIGINAL PILOT
 OPINJ (200)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
811202	9.80	1000.00	.00	.00	8037.40	66.00	214.00	.00	.00	144.00	285.00	.00
811216	9.94	1000.00	.00	.00	12056.10	65.00	197.00	.00	.00	156.00	291.00	.00
820827	9.27	.00	.00	.00	7462.00	22.00	160.00	.04	.02	38.00	327.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP1 (201)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
710317	.00	.00	.00	.00	.00	8.00	.00	.00	.00	.00	.00	.00
710325	.00	.00	.00	.00	.00	8.00	.00	.00	.00	.00	.00	.00
710407	.00	.00	.00	.00	.00	28.00	.00	.00	.00	.00	.00	.00
710408	.00	.00	.00	.00	.00	68.00	.00	.00	.00	.00	.00	.00
710409	.00	.00	.00	.00	.00	68.00	.00	.00	.00	.00	.00	.00
710410	.00	.00	.00	.00	.00	124.00	.00	.00	.00	.00	.00	.00
710411	.00	.00	.00	.00	.00	210.00	.00	.00	.00	.00	.00	.00
710412	.00	.00	.00	.00	.00	440.00	.00	.00	.00	.00	.00	.00
710413	.00	.00	.00	.00	.00	444.00	.00	.00	.00	.00	.00	.00
710414	.00	.00	.00	.00	.00	348.00	.00	.00	.00	.00	.00	.00
710415	.00	.00	.00	.00	.00	364.00	.00	.00	.00	.00	.00	.00
710416	.00	.00	.00	.00	.00	348.00	.00	.00	.00	.00	.00	.00
710417	.00	.00	.00	.00	.00	320.00	.00	.00	.00	.00	.00	.00
710418	.00	.00	.00	.00	.00	312.00	.00	.00	.00	.00	.00	.00
710420	.00	.00	.00	.00	.00	276.00	.00	.00	.00	.00	.00	.00
710422	.00	.00	.00	.00	.00	236.00	.00	.00	.00	.00	.00	.00
710425	.00	.00	.00	.00	.00	236.00	.00	.00	.00	.00	.00	.00
710502	.00	.00	.00	.00	.00	241.00	.00	.00	.00	.00	.00	.00
710516	.00	.00	.00	.00	.00	4.30	.00	.00	.00	.00	.00	.00
710517	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
710518	.00	.00	.00	.00	.00	6.00	.00	.00	.00	.00	.00	.00
710519	.00	.00	.00	.00	.00	1.90	.00	.00	.00	.00	.00	.00
710520	.00	.00	.00	.00	.00	8.90	.00	.00	.00	.00	.00	.00
710521	.00	.00	.00	.00	.00	27.20	.00	.00	.00	.00	.00	.00
710522	.00	.00	.00	.00	.00	41.00	.00	.00	.00	.00	.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP1 (201)

DATE	PH	COND UHOM/CM	R4226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	C03 MG/L	HC03 MG/L	NH3 MG/L
710523	.00	.00	.00	.00	.00	52.80	.00	.00	.00	.00	.00	.00
710524	.00	.00	.00	.00	.00	146.00	.00	.00	.00	.00	.00	.00
710525	.00	.00	.00	.00	.00	120.00	.00	.00	.00	.00	.00	.00
710526	.00	.00	.00	.00	.00	70.00	.00	.00	.00	.00	.00	.00
710527	.00	.00	.00	.00	.00	120.00	.00	.00	.00	.00	.00	.00
710528	.00	.00	.00	.00	.00	120.00	.00	.00	.00	.00	.00	.00
710529	.00	.00	.00	.00	.00	112.00	.00	.00	.00	.00	.00	.00
710530	.00	.00	.00	.00	.00	112.00	.00	.00	.00	.00	.00	.00
710531	.00	.00	.00	.00	.00	106.00	.00	.00	.00	.00	.00	.00
710601	.00	.00	.00	.00	.00	75.00	.00	.00	.00	.00	.00	.00
710602	.00	.00	.00	.00	104.00	.00	.00	.00	.00	.00	.00	.00
710603	.00	.00	.00	.00	.00	96.00	.00	.00	.00	.00	.00	.00
710604	.00	.00	.00	.00	.00	96.00	.00	.00	.00	.00	.00	.00
710605	.00	.00	.00	.00	.00	98.00	.00	.00	.00	.00	.00	.00
710606	.00	.00	.00	.00	.00	94.00	.00	.00	.00	.00	.00	.00
710608	.00	.00	.00	.00	.00	92.00	.00	.00	.00	.00	.00	.00
710609	.00	.00	.00	.00	.00	92.00	.00	.00	.00	.00	.00	.00
710610	.00	.00	.00	.00	.00	80.00	.00	.00	.00	.00	.00	.00
710611	.00	.00	.00	.00	.00	92.00	.00	.00	.00	.00	.00	.00
710612	.00	.00	.00	.00	.00	92.00	.00	.00	.00	.00	.00	.00
710613	.00	.00	.00	.00	.00	88.00	.00	.00	.00	.00	.00	.00
710614	.00	.00	.00	.00	.00	90.00	.00	.00	.00	.00	.00	.00
710615	.00	.00	.00	.00	.00	88.00	.00	.00	.00	.00	.00	.00
710616	.00	.00	.00	.00	.00	88.00	.00	.00	.00	.00	.00	.00
710620	.00	.00	.00	.00	.00	84.00	.00	.00	.00	.00	.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OPI (201)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
710621	.00	.00	.00	.00	.00	92.00	.00	.00	.00	.00	.00	.00
710622	.00	.00	.00	.00	.00	84.00	.00	.00	.00	.00	.00	.00
710914	.00	.00	.00	.00	.00	68.00	.00	.00	.00	.00	.00	.00
710924	.00	.00	.00	.00	.00	70.00	.00	.00	.00	.00	.00	.00
720709	8.25	.00	.00	.00	120561.00	.00	.00	.00	.00	542.00	7961.00	.00
720817	8.90	.00	.00	.00	63151.00	.00	.00	.00	.00	3795.00	10215.00	.00
720820	9.51	.00	.00	.00	.00	.00	.00	.00	.00	11584.00	25965.00	.00
720822	9.70	.00	.00	.00	103338.00	.00	.00	.00	.00	12355.00	9302.00	.00
720823	8.45	.00	.00	.00	97597.00	.00	.00	.00	.00	428.00	7904.00	.00
720824	7.80	.00	.00	.00	86115.00	.00	.00	.00	.00	.00	8588.00	.00
720827	7.59	.00	.00	.00	68892.00	.00	.00	.00	.00	.00	6791.00	.00
720910	8.41	.00	.00	.00	109079.00	.00	.00	.00	.00	742.00	7989.00	.00
730502	9.50	.00	.00	.00	114246.00	.00	.00	.00	.00	11841.00	15122.00	.00
730503	.00	.00	.00	.00	75207.00	.00	.00	.00	.00	.00	.00	.00
730504	9.95	.00	.00	.00	102764.00	.00	.00	.00	.00	14894.00	10500.00	.00
730516	9.50	.00	.00	.00	59706.00	.00	.00	.00	.00	9387.00	18974.00	.00
730523	9.60	.00	.00	.00	56835.00	.00	.00	.00	.00	12697.00	14095.00	.00
730601	9.58	.00	.00	.00	60281.00	.00	.00	.00	.00	14523.00	16093.00	.00
730605	9.80	.00	.00	.00	51669.00	.00	.00	.00	.00	18803.00	9530.00	.00
730609	9.60	.00	.00	.00	73485.00	.00	.00	.00	.00	10386.00	7618.00	.00
730611	.00	.00	.00	.00	56262.00	.00	.00	.00	.00	.00	.00	.00
730615	9.60	.00	.00	.00	34446.00	.00	.00	.00	.00	16435.00	15237.00	.00
730616	9.70	.00	.00	.00	62577.00	.00	.00	.00	.00	15037.00	10671.00	.00
730617	.00	.00	.00	.00	68318.00	.00	.00	.00	.00	.00	.00	.00
730622	9.60	.00	.00	.00	57984.00	.00	.00	.00	.00	13154.00	25936.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OPI (201)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
750108	.00	.00	.00	.00	215862.00	.00	.00	.00	.00	.00	.00	.00
750109	.00	.00	.00	.00	233085.00	.00	.00	.00	.00	.00	.00	.00
750110	.00	.00	.00	.00	239400.00	.00	.00	.00	.00	.00	.00	.00
750111	.00	.00	.00	.00	250307.59	.00	.00	.00	.00	10557.21	18261.12	.00
750112	.00	.00	.00	.00	285328.00	.00	.00	.00	.00	.00	.00	.00
750113	.00	.00	.00	.00	257771.00	.00	.00	.00	.00	.00	.00	.00
750114	.00	.00	.00	.00	254326.00	.00	.00	.00	.00	.00	.00	.00
750120	.00	.00	.00	.00	276142.13	.00	.00	.00	.00	.00	9415.89	10271.88
750127	.00	.00	.00	.00	285901.81	.00	.00	.00	.00	.00	9415.89	9415.89
750203	.00	.00	.00	.00	284179.50	.00	.00	.00	.00	.00	7133.25	10557.21
750210	.00	.00	.00	.00	295087.38	.00	.00	.00	.00	.00	8274.57	10271.88
750217	.00	.00	.00	.00	299106.13	.00	.00	.00	.00	.00	10557.21	17119.80
750219	.00	.00	.00	.00	302551.00	.00	.00	.00	.00	.00	.00	.00
750220	.00	.00	.00	.00	319774.00	.00	.00	.00	.00	.00	.00	.00
750221	.00	.00	.00	.00	318051.00	.00	.00	.00	.00	.00	.00	.00
750222	.00	.00	.00	.00	381777.00	.00	.00	.00	.00	.00	.00	.00
750223	.00	.00	.00	.00	335274.00	.00	.00	.00	.00	.00	.00	.00
750224	.00	.00	.00	.00	333552.13	.00	.00	.00	.00	.00	6277.26	11983.86
750225	.00	.00	.00	.00	333552.00	.00	.00	.00	.00	.00	.00	.00
750226	.00	.00	.00	.00	335849.00	.00	.00	.00	.00	.00	.00	.00
750227	.00	.00	.00	.00	345034.00	.00	.00	.00	.00	.00	.00	.00
750228	.00	.00	.00	.00	345034.00	.00	.00	.00	.00	.00	.00	.00
750301	.00	.00	.00	.00	343886.00	.00	.00	.00	.00	.00	.00	.00
750302	.00	.00	.00	.00	331830.00	.00	.00	.00	.00	.00	.00	.00
750303	.00	.00	.00	.00	323792.38	.00	.00	.00	.00	.00	6277.26	3423.96

SOLUTION MINE WELLS
ORIGINAL PILOT
OP1 (201)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	C03 MG/L	HCO3 MG/L	NH3 MG/L
750304	.00	.00	.00	.00	316903.00	.00	.00	.00	.00	.00	.00	.00
750305	.00	.00	.00	.00	314033.00	.00	.00	.00	.00	.00	.00	.00
750306	.00	.00	.00	.00	315755.00	.00	.00	.00	.00	.00	.00	.00
750307	.00	.00	.00	.00	315181.00	.00	.00	.00	.00	.00	.00	.00
750308	.00	.00	.00	.00	305421.00	.00	.00	.00	.00	.00	.00	.00
750309	.00	.00	.00	.00	314606.81	.00	.00	.00	.00	3994.62	5135.94	.00
750310	.00	.00	.00	.00	307144.00	.00	.00	.00	.00	.00	.00	.00
750311	.00	.00	.00	.00	296810.00	.00	.00	.00	.00	.00	.00	.00
750312	.00	.00	.00	.00	295662.00	.00	.00	.00	.00	.00	.00	.00
750314	.00	.00	.00	.00	295087.00	.00	.00	.00	.00	.00	.00	.00
750315	.00	.00	.00	.00	297384.00	.00	.00	.00	.00	.00	.00	.00
750316	.00	.00	.00	.00	342164.00	.00	.00	.00	.00	.00	.00	.00
750317	.00	.00	.00	.00	366275.81	.00	.00	.00	.00	.00	5135.94	.00
750318	.00	.00	.00	.00	393633.00	.00	.00	.00	.00	.00	.00	.00
750319	.00	.00	.00	.00	390368.00	.00	.00	.00	.00	.00	.00	.00
750320	.00	.00	.00	.00	391536.00	.00	.00	.00	.00	.00	.00	.00
750321	.00	.00	.00	.00	397851.00	.00	.00	.00	.00	.00	.00	.00
750322	.00	.00	.00	.00	405315.00	.00	.00	.00	.00	.00	.00	.00
750323	.00	.00	.00	.00	407611.00	.00	.00	.00	.00	.00	.00	.00
750324	.00	.00	.00	.00	412777.88	.00	.00	.00	.00	.00	3138.63	1283.99
750325	.00	.00	.00	.00	422538.00	.00	.00	.00	.00	.00	.00	.00
750326	.00	.00	.00	.00	429427.00	.00	.00	.00	.00	.00	.00	.00
750328	.00	.00	.00	.00	398425.00	.00	.00	.00	.00	.00	.00	.00
750329	7.10	.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	152.00	.00
750330	.00	.00	.00	.00	436316.00	.00	.00	.00	.00	.00	3994.62	13695.84

SOLUTION MINE WELLS
ORIGINAL PILOT
OP1 (201)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	C03 MG/L	HCO3 MG/L	NH3 MG/L
750717	.00	.00	.00	.00	180842.00	.00	.00	.00	.00	.00	.00	.00
750718	.00	.00	.00	.00	181990.00	.00	.00	.00	.00	.00	.00	.00
750719	.00	.00	.00	.00	186879.00	.00	.00	.00	.00	.00	.00	.00
750720	.00	.00	.00	.00	187731.00	.00	.00	.00	.00	.00	.00	.00
750721	.00	.00	.00	.00	165340.61	.00	.00	.00	.00	1711.98	3994.62	.00
750722	.00	.00	.00	.00	181990.00	.00	.00	.00	.00	.00	.00	.00
750723	.00	.00	.00	.00	200361.00	.00	.00	.00	.00	.00	.00	.00
750724	.00	.00	.00	.00	198639.00	.00	.00	.00	.00	.00	.00	.00
750725	.00	.00	.00	.00	202083.00	.00	.00	.00	.00	.00	.00	.00
750726	.00	.00	.00	.00	175675.00	.00	.00	.00	.00	.00	.00	.00
750727	.00	.00	.00	.00	186008.00	.00	.00	.00	.00	.00	.00	.00
750728	.00	.00	.00	.00	186008.41	.00	.00	.00	.00	1711.98	2282.64	.00
750729	.00	.00	.00	.00	187157.00	.00	.00	.00	.00	.00	.00	.00
750730	.00	.00	.00	.00	180267.00	.00	.00	.00	.00	.00	.00	.00
750731	.00	.00	.00	.00	177971.00	.00	.00	.00	.00	.00	.00	.00
750801	.00	.00	.00	.00	161322.00	.00	.00	.00	.00	.00	.00	.00
750802	.00	.00	.00	.00	165915.00	.00	.00	.00	.00	.00	.00	.00
750803	.00	.00	.00	.00	160174.00	.00	.00	.00	.00	.00	.00	.00
750804	.00	.00	.00	.00	162470.31	.00	.00	.00	.00	1711.98	5706.60	.00
750805	.00	.00	.00	.00	168211.00	.00	.00	.00	.00	.00	.00	.00
750806	.00	.00	.00	.00	164193.00	.00	.00	.00	.00	.00	.00	.00
750807	.00	.00	.00	.00	170506.00	.00	.00	.00	.00	.00	.00	.00
750808	.00	.00	.00	.00	167637.00	.00	.00	.00	.00	.00	.00	.00
750810	.00	.00	.00	.00	169360.00	.00	.00	.00	.00	.00	.00	.00
750811	.00	.00	.00	.00	166489.00	.00	.00	.00	.00	2567.97	5991.93	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OPI (201)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
750812	.00	.00	.00	.00	165915.00	.00	.00	.00	.00	.00	.00	.00
750813	.00	.00	.00	.00	169934.00	.00	.00	.00	.00	.00	.00	.00
750814	.00	.00	.00	.00	164193.00	.00	.00	.00	.00	.00	.00	.00
750815	.00	.00	.00	.00	160174.00	.00	.00	.00	.00	.00	.00	.00
750816	.00	.00	.00	.00	168785.00	.00	.00	.00	.00	.00	.00	.00
750817	.00	.00	.00	.00	163044.00	.00	.00	.00	.00	.00	.00	.00
750818	.00	.00	.00	.00	155581.09	.00	.00	.00	.00	1141.32	285.33	.00
750904	.00	.00	.00	.00	142376.81	.00	.00	.00	.00	1426.65	3423.96	.00
750912	.00	.00	.00	.00	78077.59	.00	.00	.00	.00	2567.97	.00	.00
750921	.00	.00	.00	.00	68892.00	.00	.00	.00	.00	855.99	1711.98	.00
750924	.00	.00	.00	.00	68892.00	.00	.00	.00	.00	855.99	2262.64	.00
751002	.00	.00	.00	.00	56835.90	.00	.00	.00	.00	285.33	855.99	.00
751007	.00	.00	.00	.00	43057.50	.00	.00	.00	.00	285.33	970.12	.00
751015	.00	.00	.00	.00	39612.90	.00	.00	.00	.00	599.19	798.92	.00
751022	.00	.00	.00	.00	38464.70	.00	.00	.00	.00	399.46	970.12	.00
751027	.00	.00	.00	.00	26408.60	.00	.00	.00	.00	827.46	656.26	.00
751107	.00	.00	.00	.00	37316.50	.00	.00	.00	.00	399.46	1626.38	.00
751116	.00	.00	.00	.00	29279.10	.00	.00	.00	.00	399.46	1141.32	.00
751201	.00	.00	.00	.00	75761.20	.00	.00	.00	.00	1027.19	1769.05	.00
751215	.00	.00	.00	.00	31575.50	.00	.00	.00	.00	199.73	970.12	.00
751222	.00	.00	.00	.00	20093.50	.00	.00	.00	.00	199.73	656.26	.00
751229	.00	.00	.00	.00	18945.30	.00	.00	.00	.00	.00	.00	.00
760104	.00	.00	.00	.00	14926.60	.00	.00	.00	.00	.00	.00	.00
760115	.00	.00	.00	.00	18945.30	.00	.00	.00	.00	399.46	970.12	.00
760124	.00	.00	.00	.00	21241.70	.00	.00	.00	.00	202.58	644.85	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OPI (201)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	C. MG/L	SD4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
760222	.00	.00	.00	.00	29853.20	.00	.00	.00	.00	256.80	1198.39	.00
760307	.00	.00	.00	.00	45928.00	.00	.00	.00	.00	428.00	1055.72	.00
760324	.00	.00	.00	.00	28130.90	.00	.00	.00	.00	256.80	399.46	.00
760330	.00	.00	.00	.00	28705.00	.00	.00	.00	.00	256.80	770.39	.00
760404	.00	.00	.00	.00	25260.40	.00	.00	.00	.00	256.80	770.39	.00
760410	.00	.00	.00	.00	28130.90	.00	.00	.00	.00	256.80	770.39	.00
760416	.00	.00	.00	.00	26982.70	.00	.00	.00	.00	256.80	827.46	.00
760420	.00	.00	.00	.00	23338.10	.00	.00	.00	.00	199.73	1088.25	.00
760502	.00	.00	.00	.00	23338.10	.00	.00	.00	.00	256.80	456.53	.00
760508	.00	.00	.00	.00	23338.10	.00	.00	.00	.00	370.93	199.73	.00
760511	.00	.00	.00	.00	20667.60	.00	.00	.00	.00	1.13	450.82	.00
760517	.00	.00	.00	.00	24112.20	.00	.00	.00	.00	188.32	542.13	.00
760610	.00	.00	.00	.00	24112.20	.00	.00	.00	.00	57.07	941.59	.00
760622	.00	.00	.00	.00	23338.10	.00	.00	.00	.00	142.67	713.33	.00
760630	.00	.00	.00	.00	19519.40	.00	.00	.00	.00	114.13	684.79	.00
760709	.00	.00	.00	.00	25834.50	.00	.00	.00	.00	142.67	684.79	.00
760714	.00	.00	.00	.00	26982.70	.00	.00	.00	.00	114.13	684.79	.00
760722	.00	.00	.00	.00	25260.40	.00	.00	.00	.00	85.60	599.19	.00
761104	.00	.00	.00	.00	4592.80	.00	.00	.00	.00	.00	225.41	.00
761115	.00	.00	.00	.00	5741.00	.00	.00	.00	.00	59.92	256.80	.00
761124	.00	.00	.00	.00	10907.90	.00	.00	.00	.00	11.00	.00	.00
761203	.00	.00	.00	.00	10907.90	.00	.00	.00	.00	85.60	426.00	.00
761220	.00	.00	.00	.00	13204.30	.00	.00	.00	.00	42.80	533.57	.00
770106	.00	.00	.00	.00	17797.10	.00	.00	.00	.00	122.69	522.15	.00
770113	.00	.00	.00	.00	8037.40	.00	.00	.00	.00	.00	322.42	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OPI (201)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SC4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
770130	.00	.00	.00	.00	13778.40	.00	.00	.00	.00	122.69	428.00	.00
770214	.00	.00	.00	.00	18371.20	.00	.00	.00	.00	82.75	450.82	.00
770218	.00	.00	.00	.00	16074.80	.00	.00	.00	.00	.00	.00	.00
770227	.00	.00	.00	.00	16648.90	.00	.00	.00	.00	.00	456.53	.00
770306	.00	.00	.00	.00	29279.10	.00	.00	.00	.00	142.67	516.45	.00
770312	.00	.00	.00	.00	20667.60	.00	.00	.00	.00	82.75	428.00	.00
770325	.00	.00	.00	.00	12056.10	.00	.00	.00	.00	57.07	419.44	.00
770404	.00	.00	.00	.00	11482.00	.00	.00	.00	.00	.00	.00	.00
770408	.00	.00	.00	.00	17223.00	.00	.00	.00	.00	.00	.00	.00
770420	.00	.00	.00	.00	20667.60	.00	.00	.00	.00	122.69	322.42	.00
770421	.00	.00	.00	.00	17797.10	.00	.00	.00	.00	30.00	119.00	.00
770426	.00	.00	.00	.00	11482.00	.00	.00	.00	.00	.00	256.60	.00
770506	.00	.00	.00	.00	25260.40	.00	.00	.00	.00	.00	242.53	.00
770512	.00	.00	.00	.00	20667.60	.00	.00	.00	.00	82.75	707.62	.00
770521	.00	.00	.00	.00	20667.60	.00	.00	.00	.00	85.60	339.54	.00
770530	.00	.00	.00	.00	4592.80	.00	.00	.00	.00	.00	.00	.00
770616	.00	.00	.00	.00	6889.20	.00	.00	.00	.00	59.92	370.93	.00
770623	.00	.00	.00	.00	6315.10	.00	.00	.00	.00	77.04	359.52	.00
770627	.00	.00	.00	.00	6315.10	.00	.00	.00	.00	.00	.00	.00
770707	.00	.00	.00	.00	7463.30	.00	.00	.00	.00	.00	.00	.00
770721	.00	.00	.00	.00	6889.20	.00	.00	.00	.00	.00	.00	.00
770728	.00	.00	.00	.00	6889.20	.00	.00	.00	.00	.00	.00	.00
770804	.00	.00	.00	.00	5741.00	.00	.00	.00	.00	.00	.00	.00
770925	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	.00	.00	.00
771004	.00	.00	.00	.00	4018.70	.00	.00	.00	.00	.00	145.52	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP1 (201)

DATE	PH	COND UMCM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	C03 MG/L	HC03 MG/L	NH3 MG/L
771026	.00	.00	.00	.00	8037.40	.00	.00	.00	.00	.00	.00	.00
771101	.00	.00	.00	.00	4018.70	.00	.00	.07	.03	.00	.00	.00
771117	.00	.00	.00	.00	574.10	.00	.00	.00	.00	14.27	259.65	.00
771128	.00	.00	.00	.00	2870.50	.00	.00	.00	.00	14.27	242.53	.00
771208	.00	.00	.00	.00	4018.70	.00	.00	.08	.05	.00	.00	.00
780109	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	.00	.00	.00
780210	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	.00	.00	.00
780215	8.27	.00	57.00	.00	2870.50	.00	.00	.05	.04	-11.00	178.00	.00
780223	8.24	.00	.00	.00	4018.70	.00	.00	.00	.00	-11.00	183.00	.00
780308	8.60	.00	35.00	.00	5166.90	.00	.00	.03	.06	.00	.00	.00
780316	7.89	.00	.00	.00	4592.80	.00	.00	.00	.00	-11.00	197.00	.00
780323	7.74	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	197.00	.00
780329	8.12	.00	.00	.00	2870.50	.00	.00	.00	.00	-11.00	243.00	.00
780406	9.88	.00	5.50	.00	32723.70	.00	.00	.05	.03	211.00	763.00	.00
780411	8.28	.00	.00	.00	2870.50	.00	.00	.00	.00	-11.00	243.00	.00
780423	8.33	.00	.00	.00	2870.50	.00	.00	.00	.00	-11.00	211.00	.00
780427	8.47	.00	.00	.00	4018.70	.00	.00	.00	.00	-11.00	243.00	.00
780511	7.86	.00	89.00	.00	574.10	.00	.00	.03	.05	.00	.00	.00
780525	8.23	.00	.00	.00	1722.30	.00	.00	.00	.00	-11.00	214.00	.00
780608	8.00	.00	46.00	.00	574.10	.00	.00	.01	.15	-11.00	214.00	.00
780614	8.27	.00	.00	.00	4592.80	.00	.00	.00	.00	-11.00	306.00	.00
780622	7.93	.00	.00	.00	2296.40	.00	.00	.00	.00	-11.00	214.00	.00
780629	7.32	.00	.00	.00	1722.30	.00	.00	.00	.00	-11.00	91.00	.00
780706	9.40	.00	36.00	.00	25260.40	.00	.00	.10	.06	114.00	400.00	.00
780710	9.12	.00	.00	.00	12630.20	.00	.00	.00	.00	31.00	489.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OPI (201)

DATE	PH	COND UMOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	C03 MG/L	HCO3 MG/L	NH3 MG/L
780713	7.82	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	214.00	.00
780727	8.80	.00	.00	.00	11482.00	.00	.00	.00	.00	60.00	403.00	.00
780803	8.76	.00	83.00	.00	9185.60	.00	.00	.01	.00	-11.00	366.00	.00
780810	8.27	.00	.00	.00	7463.30	.00	.00	.00	.00	14.00	306.00	.00
780817	8.08	.00	.00	.00	9185.60	.00	.00	.00	.00	-11.00	151.00	.00
780825	7.20	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	151.00	.00
780831	7.68	.00	83.00	.00	574.10	.00	.00	-.01	.00	-11.00	211.00	.00
780907	7.58	.00	.00	.00	1148.20	.00	.00	.00	.00	-11.00	183.00	.00
780921	8.02	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	123.00	.00
7810.2	9.53	.00	.00	.00	20093.50	.00	.00	.00	.00	120.00	640.00	.00
781019	8.30	.00	44.00	.00	5166.90	.00	.00	-.01	.02	-11.00	305.00	.00
781102	7.80	.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	219.00	.00
781109	7.30	.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	152.00	.00
781117	7.75	.00	55.00	.00	574.10	-.02	.01	.00	.00	-1.00	152.00	.00
790313	7.30	.00	35.00	.00	574.10	.00	.00	.01	.01	-1.00	138.00	.00
790403	6.10	.00	130.00	24.00	574.10	.00	.00	-.01	.00	-1.00	185.00	.00
790417	7.60	460.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	172.00	.00
790626	7.50	600.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	159.00	.00
790710	7.30	530.00	.00	.00	574.10	.00	.00	-.01	-.01	-1.00	146.00	.00
790726	7.00	590.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	153.00	.00
790829	7.30	610.00	.00	.00	574.10	.00	.00	-.01	-.01	-1.00	157.00	.00
790916	7.30	510.00	.00	.00	1148.20	.00	.00	-.01	-.01	-1.00	151.00	.00
790925	7.60	490.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	142.00	.00
791010	7.60	480.00	60.20	7.70	574.10	20.00	223.00	-.01	-.01	-1.00	150.00	-.10
791023	7.30	490.00	.00	.00	574.10	11.00	207.00	.00	.00	-1.00	73.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP1 (201)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
791106	6.90	500.00	13.70	682.90	1148.20	12.00	216.00	.05	-.01	-1.00	159.00	.20
791123	7.00	460.00	.00	.00	574.10	6.00	184.00	.00	.00	-1.00	148.00	.00
791204	7.00	430.00	2.25	19.30	574.10	12.00	182.00	-.01	-.01	-1.00	160.00	.14
791219	6.90	450.00	.00	.00	574.10	9.00	296.00	.00	.00	-1.00	153.00	.00
800103	7.10	450.00	24.10	16.70	574.10	16.00	.00	-.01	-.01	-1.00	153.00	.15
800115	7.20	450.00	.00	.00	574.10	24.00	151.00	.00	.00	-1.00	147.00	.00
800202	7.00	390.00	.00	.00	574.10	15.00	86.00	.00	.00	-1.00	104.00	.00
800212	7.04	460.00	27.20	2.58	574.10	8.00	262.00	-.01	-.01	-1.00	147.00	.11
800226	7.33	450.00	.00	.00	574.10	15.00	227.00	.00	.00	-1.00	153.00	.00
800311	6.97	450.00	26.00	1.70	574.10	10.00	188.00	-.01	-.01	-1.00	147.00	.00
800325	7.44	460.00	.00	.00	574.10	15.00	170.00	.00	.00	-1.00	153.00	.00
800408	7.48	450.00	39.60	19.50	574.10	14.00	176.00	-.01	-.01	-1.00	152.00	-.10
800422	7.49	460.00	.00	.00	574.10	15.00	188.00	.00	.00	-1.00	153.00	.00
800506	7.13	450.00	1.72	35.80	574.10	13.00	224.00	-.01	-.01	-1.00	146.00	.12
800520	7.54	500.00	.00	.00	574.10	9.00	216.00	.00	.00	-1.00	110.00	.00
800603	7.74	500.00	108.30	15.70	574.10	16.00	161.00	-.01	-.01	-1.00	140.00	.10
800617	7.70	520.00	.00	.00	574.10	18.00	197.00	.00	.00	-1.00	153.00	.00
800701	7.49	500.00	61.60	30.10	574.10	14.00	207.00	-.01	-.01	-1.00	165.00	-.10
800715	7.58	460.00	61.60	30.10	574.10	12.00	224.00	.00	.00	-1.00	151.00	.00
800729	7.43	520.00	.00	.00	574.10	11.00	235.00	.00	.00	-1.00	149.00	.00
800825	7.78	495.00	.00	.00	574.10	11.00	204.00	.00	.00	-1.00	168.00	.00
800909	7.72	460.00	2.90	58.70	574.10	14.00	194.00	-.01	-.01	1.00	165.00	.11
800922	7.75	475.00	.00	.00	574.10	11.00	183.00	.00	.00	-1.00	159.00	.00
801007	7.65	500.00	.00	.00	574.10	12.00	199.00	.00	.00	-1.00	159.00	.00
801021	7.63	490.00	.00	.00	574.10	12.00	198.00	.00	.00	-1.00	159.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP2 (202)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	C03 MG/L	HCO3 MG/L	NH3 MG/L
710317	.00	.00	.00	.00	.00	6.00	.00	.00	.00	.00	.00	.00
710325	.00	.00	.00	.00	.00	8.00	.00	.00	.00	.00	.00	.00
710407	.00	.00	.00	.00	.00	116.00	.00	.00	.00	.00	.00	.00
710408	.00	.00	.00	.00	.00	72.00	.00	.00	.00	.00	.00	.00
710409	.00	.00	.00	.00	.00	76.00	.00	.00	.00	.00	.00	.00
710410	.00	.00	.00	.00	.00	144.00	.00	.00	.00	.00	.00	.00
710411	.00	.00	.00	.00	.00	232.00	.00	.00	.00	.00	.00	.00
710412	.00	.00	.00	.00	.00	212.00	.00	.00	.00	.00	.00	.00
710413	.00	.00	.00	.00	.00	142.00	.00	.00	.00	.00	.00	.00
710414	.00	.00	.00	.00	.00	138.00	.00	.00	.00	.00	.00	.00
710415	.00	.00	.00	.00	.00	298.00	.00	.00	.00	.00	.00	.00
710416	.00	.00	.00	.00	.00	268.00	.00	.00	.00	.00	.00	.00
710417	.00	.00	.00	.00	.00	140.00	.00	.00	.00	.00	.00	.00
710418	.00	.00	.00	.00	.00	148.00	.00	.00	.00	.00	.00	.00
710420	.00	.00	.00	.00	.00	156.00	.00	.00	.00	.00	.00	.00
710422	.00	.00	.00	.00	.00	220.00	.00	.00	.00	.00	.00	.00
710425	.00	.00	.00	.00	.00	236.00	.00	.00	.00	.00	.00	.00
710502	.00	.00	.00	.00	.00	232.00	.00	.00	.00	.00	.00	.00
710516	.00	.00	.00	.00	.00	3.90	.00	.00	.00	.00	.00	.00
710517	.00	.00	.00	.00	.00	1.70	.00	.00	.00	.00	.00	.00
710518	.00	.00	.00	.00	.00	2.00	.00	.00	.00	.00	.00	.00
710519	.00	.00	.00	.00	.00	1.00	.00	.00	.00	.00	.00	.00
710520	.00	.00	.00	.00	.00	6.60	.00	.00	.00	.00	.00	.00
710521	.00	.00	.00	.00	.00	20.90	.00	.00	.00	.00	.00	.00
710522	.00	.00	.00	.00	.00	43.50	.00	.00	.00	.00	.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP2 (202)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
710523	.00	.00	.00	.00	.00	48.80	.00	.00	.00	.00	.00	.00
710524	.00	.00	.00	.00	.00	116.00	.00	.00	.00	.00	.00	.00
710525	.00	.00	.00	.00	.00	122.00	.00	.00	.00	.00	.00	.00
710526	.00	.00	.00	.00	.00	61.00	.00	.00	.00	.00	.00	.00
710527	.00	.00	.00	.00	.00	100.00	.00	.00	.00	.00	.00	.00
710528	.00	.00	.00	.00	.00	112.00	.00	.00	.00	.00	.00	.00
710529	.00	.00	.00	.00	.00	108.00	.00	.00	.00	.00	.00	.00
710530	.00	.00	.00	.00	.00	114.00	.00	.00	.00	.00	.00	.00
710531	.00	.00	.00	.00	.00	105.00	.00	.00	.00	.00	.00	.00
710601	.00	.00	.00	.00	.00	116.00	.00	.00	.00	.00	.00	.00
710602	.00	.00	.00	.00	.00	100.00	.00	.00	.00	.00	.00	.00
710603	.00	.00	.00	.00	.00	96.00	.00	.00	.00	.00	.00	.00
710604	.00	.00	.00	.00	.00	112.00	.00	.00	.00	.00	.00	.00
710605	.00	.00	.00	.00	.00	92.00	.00	.00	.00	.00	.00	.00
710606	.00	.00	.00	.00	.00	92.00	.00	.00	.00	.00	.00	.00
710608	.00	.00	.00	.00	.00	96.00	.00	.00	.00	.00	.00	.00
710609	.00	.00	.00	.00	.00	84.00	.00	.00	.00	.00	.00	.00
710610	.00	.00	.00	.00	.00	80.00	.00	.00	.00	.00	.00	.00
710611	.00	.00	.00	.00	.00	92.00	.00	.00	.00	.00	.00	.00
710612	.00	.00	.00	.00	.00	86.00	.00	.00	.00	.00	.00	.00
710613	.00	.00	.00	.00	.00	88.00	.00	.00	.00	.00	.00	.00
710614	.00	.00	.00	.00	.00	92.00	.00	.00	.00	.00	.00	.00
710615	.00	.00	.00	.00	.00	92.00	.00	.00	.00	.00	.00	.00
710616	.00	.00	.00	.00	.00	84.00	.00	.00	.00	.00	.00	.00
710620	.00	.00	.00	.00	.00	83.00	.00	.00	.00	.00	.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP2 (202)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
730714	9.35	.00	.00	.00	372591.00	.00	.00	.00	.00	11727.00	17148.00	.00
730715	9.39	.00	.00	.00	373165.00	.00	.00	.00	.00	8218.00	22541.00	.00
730716	.00	.00	.00	.00	365128.00	.00	.00	.00	.00	.00	.00	.00
730717	.00	.00	.00	.00	446076.00	.00	.00	.00	.00	.00	.00	.00
730718	9.45	.00	.00	.00	357090.00	.00	.00	.00	.00	9987.00	22826.00	.00
730719	9.45	.00	.00	.00	357664.00	.00	.00	.00	.00	7276.00	21400.00	.00
730720	9.60	.00	.00	.00	395981.00	.00	.00	.00	.00	11756.00	18290.00	.00
730721	9.62	.00	.00	.00	354220.00	.00	.00	.00	.00	11498.00	18004.00	.00
730722	9.33	.00	.00	.00	351349.00	.00	.00	.00	.00	7419.00	16406.00	.00
730723	9.60	.00	.00	.00	360535.00	.00	.00	.00	.00	10272.00	13410.00	.00
730724	9.57	.00	.00	.00	370295.00	.00	.00	.00	.00	10814.00	18261.00	.00
730729	9.58	.00	.00	.00	368572.00	.00	.00	.00	.00	11698.00	17976.00	.00
730730	9.70	.00	.00	.00	368572.00	.00	.00	.00	.00	12212.00	16007.00	.00
730731	9.65	.00	.00	.00	377758.00	.00	.00	.00	.00	11413.00	16264.00	.00
730801	.00	.00	.00	.00	378332.00	.00	.00	.00	.00	.00	.00	.00
730802	9.80	.00	.00	.00	421964.00	.00	.00	.00	.00	11756.00	17148.00	.00
730803	10.00	.00	.00	.00	397851.00	.00	.00	.00	.00	12212.00	14095.00	.00
730804	9.65	.00	.00	.00	370295.00	.00	.00	.00	.00	12212.00	19830.00	.00
730805	9.70	.00	.00	.00	541950.00	.00	.00	.00	.00	10329.00	18118.00	.00
730807	9.53	.00	.00	.00	399000.00	.00	.00	.00	.00	12555.00	19545.00	.00
730808	9.50	.00	.00	.00	377758.00	.00	.00	.00	.00	12212.00	19459.00	.00
730809	9.52	.00	.00	.00	399574.00	.00	.00	.00	.00	12840.00	19688.00	.00
730810	9.50	.00	.00	.00	386369.00	.00	.00	.00	.00	8560.00	18546.00	.00
730811	9.60	.00	.00	.00	420241.00	.00	.00	.00	.00	9701.00	18546.00	.00
730812	9.47	.00	.00	.00	350201.00	.00	.00	.00	.00	11413.00	19488.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP2 (202)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
730813	9.00	.00	.00	.00	436316.00	.00	.00	.00	.00	.00	.00	.00
730814	9.00	.00	.00	.00	413926.00	.00	.00	.00	.00	.00	.00	.00
730822	9.00	.00	.00	.00	385221.00	.00	.00	.00	.00	.00	.00	.00
730824	9.50	.00	.00	.00	350201.00	.00	.00	.00	.00	15037.00	14495.00	.00
730826	9.45	.00	.00	.00	359387.00	.00	.00	.00	.00	15008.00	14266.00	.00
730827	9.50	.00	.00	.00	375887.00	.00	.00	.00	.00	13154.00	16777.00	.00
730828	9.00	.00	.00	.00	383499.00	.00	.00	.00	.00	.00	.00	.00
730829	9.80	.00	.00	.00	381777.00	.00	.00	.00	.00	15037.00	15636.00	.00
730830	9.00	.00	.00	.00	362831.00	.00	.00	.00	.00	.00	.00	.00
730831	9.00	.00	.00	.00	362831.00	.00	.00	.00	.00	.00	.00	.00
730901	9.54	.00	.00	.00	380054.00	.00	.00	.00	.00	16920.00	13353.00	.00
730902	9.65	.00	.00	.00	386943.00	.00	.00	.00	.00	13639.00	17919.00	.00
730903	9.70	.00	.00	.00	369720.00	.00	.00	.00	.00	13639.00	17919.00	.00
730904	9.64	.00	.00	.00	389814.00	.00	.00	.00	.00	15978.00	13525.00	.00
730905	9.00	.00	.00	.00	378591.00	.00	.00	.00	.00	.00	.00	.00
730906	9.35	.00	.00	.00	367998.00	.00	.00	.00	.00	11527.00	21400.00	.00
730907	9.30	.00	.00	.00	358238.00	.00	.00	.00	.00	11413.00	21400.00	.00
730908	9.38	.00	.00	.00	372591.00	.00	.00	.00	.00	11756.00	21171.00	.00
730910	9.35	.00	.00	.00	368572.00	.00	.00	.00	.00	14095.00	18118.00	.00
730911	9.00	.00	.00	.00	353072.00	.00	.00	.00	.00	.00	.00	.00
730912	9.00	.00	.00	.00	362831.00	.00	.00	.00	.00	.00	.00	.00
730913	9.50	.00	.00	.00	377184.00	.00	.00	.00	.00	12212.00	22113.00	.00
730914	9.80	.00	.00	.00	347756.00	.00	.00	.00	.00	14905.00	18489.00	.00
730916	9.55	.00	.00	.00	351923.00	.00	.00	.00	.00	14580.00	17548.00	.00
730917	9.40	.00	.00	.00	305847.00	.00	.00	.00	.00	14095.00	14866.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP2 (202)

DATE	PH	COND UMOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	C03 MG/L	HC03 MG/L	NH3 MG/L
731016	.00	.00	.00	.00	379906.00	.00	.00	.00	.00	.00	.00	.00
731017	.00	.00	.00	.00	427130.00	.00	.00	.00	.00	.00	.00	.00
731019	.00	.00	.00	.00	386943.00	.00	.00	.00	.00	.00	.00	.00
731020	.00	.00	.00	.00	403018.00	.00	.00	.00	.00	.00	.00	.00
731021	.00	.00	.00	.00	373739.00	.00	.00	.00	.00	.00	.00	.00
731022	9.60	.00	.00	.00	382925.00	.00	.00	.00	.00	14095.00	16777.00	.00
731023	.00	.00	.00	.00	411630.00	.00	.00	.00	.00	.00	.00	.00
731024	.00	.00	.00	.00	380054.00	.00	.00	.00	.00	.00	.00	.00
731025	.00	.00	.00	.00	394981.00	.00	.00	.00	.00	.00	.00	.00
731026	.00	.00	.00	.00	412204.00	.00	.00	.00	.00	.00	.00	.00
731027	.00	.00	.00	.00	398425.00	.00	.00	.00	.00	.00	.00	.00
731028	.00	.00	.00	.00	399000.00	.00	.00	.00	.00	.00	.00	.00
731029	.00	.00	.00	.00	397851.00	.00	.00	.00	.00	.00	.00	.00
731030	.00	.00	.00	.00	384647.00	.00	.00	.00	.00	.00	.00	.00
731031	.00	.00	.00	.00	413926.00	.00	.00	.00	.00	.00	.00	.00
731101	.00	.00	.00	.00	396129.00	.00	.00	.00	.00	.00	.00	.00
731102	.00	.00	.00	.00	417945.00	.00	.00	.00	.00	.00	.00	.00
731103	.00	.00	.00	.00	404166.00	.00	.00	.00	.00	.00	.00	.00
731104	.00	.00	.00	.00	423112.00	.00	.00	.00	.00	.00	.00	.00
731105	.00	.00	.00	.00	413352.00	.00	.00	.00	.00	.00	.00	.00
731106	.00	.00	.00	.00	417371.00	.00	.00	.00	.00	.00	.00	.00
731107	.00	.00	.00	.00	421389.00	.00	.00	.00	.00	.00	.00	.00
731108	.00	.00	.00	.00	390388.00	.00	.00	.00	.00	.00	.00	.00
731109	.00	.00	.00	.00	392684.00	.00	.00	.00	.00	.00	.00	.00
731110	9.35	.00	.00	.00	419093.00	.00	.00	.00	.00	11756.00	19060.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP2 (202)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
750501	.00	.00	.00	.00	268679.00	.00	.00	.00	.00	.00	.00	.00
750502	.00	.00	.00	.00	269827.00	.00	.00	.00	.00	.00	.00	.00
750503	.00	.00	.00	.00	274420.00	.00	.00	.00	.00	.00	.00	.00
750504	.00	.00	.00	.00	270975.00	.00	.00	.00	.00	.00	.00	.00
750505	.00	.00	.00	.00	265234.19	.00	.00	.00	.00	1997.31	6847.92	.00
750507	.00	.00	.00	.00	262364.00	.00	.00	.00	.00	.00	.00	.00
750508	.00	.00	.00	.00	256623.00	.00	.00	.00	.00	.00	.00	.00
750509	.00	.00	.00	.00	260641.00	.00	.00	.00	.00	.00	.00	.00
750510	.00	.00	.00	.00	249734.00	.00	.00	.00	.00	.00	.00	.00
750511	.00	.00	.00	.00	254900.00	.00	.00	.00	.00	.00	.00	.00
750512	.00	.00	.00	.00	245714.81	.00	.00	.00	.00	1997.31	6847.92	.00
750513	.00	.00	.00	.00	251456.00	.00	.00	.00	.00	.00	.00	.00
750514	.00	.00	.00	.00	239400.00	.00	.00	.00	.00	.00	.00	.00
750515	.00	.00	.00	.00	245715.00	.00	.00	.00	.00	.00	.00	.00
750516	.00	.00	.00	.00	233085.00	.00	.00	.00	.00	.00	.00	.00
750517	.00	.00	.00	.00	241122.00	.00	.00	.00	.00	.00	.00	.00
750518	.00	.00	.00	.00	235955.00	.00	.00	.00	.00	.00	.00	.00
750519	.00	.00	.00	.00	236529.19	.00	.00	.00	.00	1997.31	5991.93	.00
750520	.00	.00	.00	.00	235381.00	.00	.00	.00	.00	.00	.00	.00
750521	.00	.00	.00	.00	230214.00	.00	.00	.00	.00	.00	.00	.00
750522	.00	.00	.00	.00	239400.00	.00	.00	.00	.00	.00	.00	.00
750523	.00	.00	.00	.00	225621.00	.00	.00	.00	.00	.00	.00	.00
750524	.00	.00	.00	.00	223899.00	.00	.00	.00	.00	.00	.00	.00
750525	.00	.00	.00	.00	225621.00	.00	.00	.00	.00	.00	.00	.00
750526	.00	.00	.00	.00	233658.69	.00	.00	.00	.00	1997.31	5125.94	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP2 (202)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
750723	.00	.00	.00	.00	175675.00	.00	.00	.00	.00	.00	.00	.00
750724	.00	.00	.00	.00	175675.00	.00	.00	.00	.00	.00	.00	.00
750725	.00	.00	.00	.00	184860.00	.00	.00	.00	.00	.00	.00	.00
750726	.00	.00	.00	.00	187731.00	.00	.00	.00	.00	.00	.00	.00
750727	.00	.00	.00	.00	166489.00	.00	.00	.00	.00	.00	.00	.00
750728	.00	.00	.00	.00	185434.31	.00	.00	.00	.00	1711.98	570.66	.00
750729	.00	.00	.00	.00	186008.00	.00	.00	.00	.00	.00	.00	.00
750730	.00	.00	.00	.00	186008.00	.00	.00	.00	.00	.00	.00	.00
750731	.00	.00	.00	.00	179119.00	.00	.00	.00	.00	.00	.00	.00
750801	.00	.00	.00	.00	161322.00	.00	.00	.00	.00	.00	.00	.00
750802	.00	.00	.00	.00	163044.00	.00	.00	.00	.00	.00	.00	.00
750803	.00	.00	.00	.00	157303.00	.00	.00	.00	.00	.00	.00	.00
750804	.00	.00	.00	.00	162470.31	.00	.00	.00	.00	1711.98	2282.64	.00
750805	.00	.00	.00	.00	169360.00	.00	.00	.00	.00	.00	.00	.00
750806	.00	.00	.00	.00	163044.00	.00	.00	.00	.00	.00	.00	.00
750807	.00	.00	.00	.00	169360.00	.00	.00	.00	.00	.00	.00	.00
750908	.00	.00	.00	.00	169934.00	.00	.00	.00	.00	.00	.00	.00
750810	.00	.00	.00	.00	153285.00	.00	.00	.00	.00	.00	.00	.00
750811	.00	.00	.00	.00	159025.69	.00	.00	.00	.00	855.99	313.86	.00
750812	.00	.00	.00	.00	151562.00	.00	.00	.00	.00	.00	.00	.00
750814	.00	.00	.00	.00	82096.00	.00	.00	.00	.00	.00	.00	.00
750815	.00	.00	.00	.00	142377.00	.00	.00	.00	.00	.00	.00	.00
750816	.00	.00	.00	.00	163619.00	.00	.00	.00	.00	.00	.00	.00
750817	.00	.00	.00	.00	156155.00	.00	.00	.00	.00	.00	.00	.00
750818	.00	.00	.00	.00	155007.00	.00	.00	.00	.00	570.66	2567.97	.00

SOLUTION MINE WF LS
 ORIGINAL PILD
 OP2 (202)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
751111	.00	.00	.00	.00	106505.00	.00	.00	.00	.00	.00	.00	.00
751113	.00	.00	.00	.00	103912.00	.00	.00	.00	.00	.00	.00	.00
751114	.00	.00	.00	.00	115968.00	.00	.00	.00	.00	.00	.00	.00
751115	.00	.00	.00	.00	111950.00	.00	.00	.00	.00	.00	.00	.00
751116	.00	.00	.00	.00	110227.20	.00	.00	.00	.00	599.19	1940.24	.00
751117	.00	.00	.00	.00	115968.00	.00	.00	.00	.00	.00	.00	.00
751118	.00	.00	.00	.00	115968.00	.00	.00	.00	.00	.00	.00	.00
751119	.00	.00	.00	.00	112524.00	.00	.00	.00	.00	.00	.00	.00
751120	.00	.00	.00	.00	113672.00	.00	.00	.00	.00	.00	.00	.00
751121	.00	.00	.00	.00	99319.00	.00	.00	.00	.00	.00	.00	.00
751122	.00	.00	.00	.00	105060.00	.00	.00	.00	.00	.00	.00	.00
751123	.00	.00	.00	.00	103338.00	.00	.00	.00	.00	.00	.00	.00
751124	.00	.00	.00	.00	114246.00	.00	.00	.00	.00	.00	.00	.00
751125	.00	.00	.00	.00	109653.00	.00	.00	.00	.00	.00	.00	.00
751126	.00	.00	.00	.00	105634.00	.00	.00	.00	.00	.00	.00	.00
751128	.00	.00	.00	.00	105060.00	.00	.00	.00	.00	.00	.00	.00
751129	.00	.00	.00	.00	117691.00	.00	.00	.00	.00	.00	.00	.00
751130	.00	.00	.00	.00	114246.00	.00	.00	.00	.00	.00	.00	.00
751201	.00	.00	.00	.00	102763.91	.00	.00	.00	.00	827.46	1455.18	.00
751202	.00	.00	.00	.00	101616.00	.00	.00	.00	.00	.00	.00	.00
751203	.00	.00	.00	.00	107357.00	.00	.00	.00	.00	.00	.00	.00
751204	.00	.00	.00	.00	107357.00	.00	.00	.00	.00	.00	.00	.00
751205	.00	.00	.00	.00	103338.00	.00	.00	.00	.00	.00	.00	.00
751206	.00	.00	.00	.00	102764.00	.00	.00	.00	.00	.00	.00	.00
751207	9.20	.00	.00	.00	95301.00	.00	.00	.00	.00	827.00	1626.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP2 (202)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
751208	.00	.00	.00	.00	99319.00	.00	.00	.00	.00	.00	.00	.00
751209	.00	.00	.00	.00	106783.00	.00	.00	.00	.00	.00	.00	.00
751210	.00	.00	.00	.00	99693.00	.00	.00	.00	.00	.00	.00	.00
751217	.00	.00	.00	.00	2964.00	.00	.00	.00	.00	.00	.66	.00
751218	.00	.00	.00	.00	87263.00	.00	.00	.00	.00	.00	.00	.00
751220	.00	.00	.00	.00	87637.00	.00	.00	.00	.00	.00	.00	.00
751221	.00	.00	.00	.00	85875.00	.00	.00	.00	.00	.00	.00	.00
751222	.00	.00	.00	.00	94726.50	.00	.00	.00	.00	199.73	1769.05	.00
751223	.00	.00	.00	.00	91282.00	.00	.00	.00	.00	.00	.00	.00
751229	.00	.00	.00	.00	97022.91	.00	.00	.00	.00	.00	.00	.00
760104	.00	.00	.00	.00	86689.09	.00	.00	.00	.00	.00	.00	.00
760115	.00	.00	.00	.00	86689.09	.00	.00	.00	.00	399.46	1283.99	.00
760209	.00	.00	.00	.00	84966.80	.00	.00	.00	.00	513.59	1626.38	.00
760222	.00	.00	.00	.00	78651.70	.00	.00	.00	.00	.00	1398.12	.00
760307	.00	.00	.00	.00	72910.70	.00	.00	.00	.00	428.00	1084.25	.00
760324	.00	.00	.00	.00	67743.80	.00	.00	.00	.00	570.66	1027.19	.00
760330	.00	.00	.00	.00	72336.59	.00	.00	.00	.00	485.06	1169.85	.00
760404	.00	.00	.00	.00	70040.20	.00	.00	.00	.00	570.66	970.12	.00
760410	.00	.00	.00	.00	59132.30	.00	.00	.00	.00	399.46	1169.85	.00
760416	.00	.00	.00	.00	74058.91	.00	.00	.00	.00	399.46	1169.85	.00
760420	.00	.00	.00	.00	71762.50	.00	.00	.00	.00	399.46	1084.25	.00
760502	.00	.00	.00	.00	68892.00	.00	.00	.00	.00	399.46	1169.85	.00
760508	.00	.00	.00	.00	62576.90	.00	.00	.00	.00	485.06	1084.25	.00
760511	.00	.00	.00	.00	64299.20	.00	.00	.00	.00	365.22	1032.89	.00
760517	.00	.00	.00	.00	64299.20	.00	.00	.00	.00	359.52	1084.25	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP2 (202)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	C03 MG/L	HC03 MG/L	NH3 MG/L
760526	.00	.00	.00	.00	64673.30	.00	.00	.00	.00	342.40	1141.32	.00
760603	.00	.00	.00	.00	66021.50	.00	.00	.00	.00	342.40	1112.79	.00
760610	.00	.00	.00	.00	63725.10	.00	.00	.00	.00	342.40	1055.72	.00
760622	.00	.00	.00	.00	58558.20	.00	.00	.00	.00	313.86	1055.72	.00
760630	.00	.00	.00	.00	59132.30	.00	.00	.00	.00	313.86	1027.19	.00
760709	.00	.00	.00	.00	62002.80	.00	.00	.00	.00	487.91	970.12	.00
760714	.00	.00	.00	.00	57410.00	.00	.00	.00	.00	313.86	970.12	.00
760722	.00	.00	.00	.00	60854.60	.00	.00	.00	.00	313.86	941.59	.00
760819	.00	.00	.00	.00	41335.20	.00	.00	.00	.00	181.00	849.00	.00
760919	.00	.00	.00	.00	36168.30	.00	.00	.00	.00	370.93	1055.72	.00
760925	.00	.00	.00	.00	35594.20	.00	.00	.00	.00	163.00	495.00	.00
761011	.00	.00	.00	.00	28130.90	.00	.00	.00	.00	147.00	619.00	.00
761029	.00	.00	.00	.00	31001.40	.00	.00	.00	.00	165.00	418.00	.00
761101	.00	.00	.00	.00	35020.10	.00	.00	.00	.00	305.30	644.85	.00
761104	.00	.00	.00	.00	29853.20	.00	.00	.00	.00	174.00	472.00	.00
761115	.00	.00	.00	.00	28130.90	.00	.00	.00	.00	285.33	656.26	.00
761124	.00	.00	.00	.00	34446.00	.00	.00	.00	.00	161.00	.00	.00
761203	.00	.00	.00	.00	28130.90	.00	.00	.00	.00	256.80	570.66	.00
761207	.00	.00	.00	.00	25260.40	.00	.00	.00	.00	145.00	477.00	.00
761220	.00	.00	.00	.00	31001.40	.00	.00	.00	.00	167.00	676.00	.00
761229	.00	.00	.00	.00	34446.00	.00	.00	.00	.00	.00	.00	.00
770227	.00	.00	.00	.00	18945.30	.00	.00	.00	.00	258.00	519.00	.00
770306	.00	.00	.00	.00	21815.80	.00	.00	.00	.00	71.00	226.00	.00
770312	.00	.00	.00	.00	25634.50	.00	.00	.00	.00	285.33	741.86	.00
770325	.00	.00	.00	.00	21241.70	.00	.00	.00	.00	22.00	194.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP2 (202)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
770404	.00	.00	.00	.00	25834.50	.00	.00	.00	.00	.00	.00	.00
770408	.00	.00	.00	.00	29853.20	.00	.00	.00	.00	.00	.00	.00
770421	.00	.00	.00	.00	26982.70	.00	.00	.00	.00	60.00	201.00	.00
770426	.00	.00	.00	.00	21241.70	.00	.00	.00	.00	86.00	271.00	.00
770506	.00	.00	.00	.00	42483.40	.00	.00	.00	.00	231.12	721.88	.00
770512	.00	.00	.00	.00	17797.10	.00	.00	.00	.00	285.33	904.50	.00
770521	.00	.00	.00	.00	31575.50	.00	.00	.00	.00	.00	.00	.00
770623	.00	.00	.00	.00	17797.10	.00	.00	.00	.00	.00	.00	.00
770715	.00	.00	.00	.00	22964.00	.00	.00	.00	.00	.00	.00	.00
770721	.00	.00	.00	.00	18371.20	.00	.00	.00	.00	.00	.00	.00
770728	.00	.00	.00	.00	20093.50	.00	.00	.00	.00	.00	.00	.00
770804	.00	.00	.00	.00	17797.10	.00	.00	.00	.00	.00	.00	.00
770827	.00	.00	.00	.00	17797.10	.00	.00	.00	.00	.00	.00	.00
770908	.00	.00	.00	.00	20093.50	.00	.00	.00	.00	.00	.00	.00
770928	.00	.00	.00	.00	17797.10	.00	.00	.00	.00	.00	.00	.00
771005	.00	.00	.00	.00	18371.20	.00	.00	.00	.00	342.40	1392.41	.00
771026	.00	.00	.00	.00	14926.60	.00	.00	.00	.00	.00	.00	.00
771107	.00	.00	.00	.00	12630.20	.00	.00	.21	.03	.00	.00	.00
771117	.00	.00	.00	.00	24686.30	.00	.00	.00	.00	119.84	610.61	.00
771128	.00	.00	.00	.00	18371.20	.00	.00	.00	.00	119.84	533.57	.00
771208	.00	.00	.00	.00	14926.60	.00	.00	.20	.03	.00	.00	.00
780215	.00	.00	.00	.00	11482.00	.00	.00	.13	.05	.00	.00	.00
780223	8.62	.00	.00	.00	21241.70	.00	.00	.00	.00	31.00	640.00	.00
780308	9.16	.00	17.00	.00	19519.40	.00	.00	.00	.08	120.00	548.00	.00
780316	9.44	.00	.00	.00	21815.80	.00	.00	.00	.00	134.00	568.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP2 (202)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
780323	9.02	.00	.00	.00	21241.70	.00	.00	.00	.00	31.00	671.00	.00
780329	9.53	.00	.00	.00	21815.80	.00	.00	.00	.00	120.00	548.00	.00
780406	9.24	.00	1.30	.00	22389.90	.18	.05	.00	.00	120.00	611.00	.00
780411	9.71	.00	.00	.00	22389.90	.00	.00	.00	.00	151.00	517.00	.00
780423	9.72	.00	.00	.00	21815.80	.00	.00	.00	.00	91.00	548.00	.00
780427	9.79	.00	.00	.00	24686.30	.00	.00	.00	.00	91.00	580.00	.00
780511	8.75	.00	15.00	.00	10333.80	.00	.00	.21	.10	31.00	397.00	.00
780525	9.48	.00	.00	.00	20093.50	.00	.00	.00	.00	134.00	549.00	.00
780608	9.50	.00	15.00	.00	13204.30	.00	.00	.16	.13	151.00	611.00	.00
780614	9.53	.00	.00	.00	19519.40	.00	.00	.00	.00	91.00	517.00	.00
780622	8.73	.00	.00	.00	21241.70	.00	.00	.00	.00	91.00	580.00	.00
780629	9.61	.00	.00	.00	16648.90	.00	.00	.00	.00	60.00	243.00	.00
780706	9.90	.00	18.00	.00	21241.70	.00	.00	.15	.05	91.00	628.00	.00
780713	9.33	.00	.00	.00	28705.00	.00	.00	.00	.00	120.00	611.00	.00
780720	9.34	.00	.00	.00	21815.80	.00	.00	.00	.00	91.00	611.00	.00
780727	9.60	.00	.00	.00	17797.10	.00	.00	.00	.00	203.00	451.00	.00
780803	9.55	.00	11.00	.00	17223.00	.00	.00	.19	.02	151.00	426.00	.00
780810	9.73	.00	.00	.00	21815.80	.00	.00	.00	.00	120.00	580.00	.00
780817	9.62	.00	.00	.00	22389.90	.00	.00	.00	.00	91.00	640.00	.00
780825	9.62	.00	.00	.00	16371.20	.00	.00	.00	.00	120.00	488.00	.00
780831	9.77	.00	83.00	.00	18945.30	.00	.00	-.01	.00	151.00	611.00	.00
780907	9.78	.00	.00	.00	29279.10	.00	.00	.00	.00	300.00	854.00	.00
780914	9.78	.00	.00	.00	9185.60	.00	.00	.00	.00	149.00	548.00	.00
780921	9.76	.00	.00	.00	8611.50	.00	.00	.00	.00	91.00	549.00	.00
780928	9.80	.00	10.00	.00	18945.30	.00	.00	.00	.00	91.00	611.00	.00

SOLUTION MINE WELLS
 ORIGINAL PILOT
 OP2 (202)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	FS MG/L	C03 MG/L	HCO3 MG/L	NH3 MG/L
781005	9.78	.00	.00	.00	18371.20	.00	.00	.00	.00	91.00	580.00	.00
781012	9.72	.00	.00	.00	17797.10	.00	.00	.00	.00	134.00	506.00	.00
781019	9.11	.00	26.00	.00	17223.00	.00	.00	.14	.05	151.00	580.00	.00
781102	9.24	.00	.00	.00	18371.20	.00	.00	.00	.00	90.00	549.00	.00
781109	9.35	.00	.00	.00	14926.60	.00	.00	.00	.00	90.00	396.00	.00
781117	6.95	.00	24.00	.00	16648.90	.00	.00	.28	.04	60.00	610.00	.00
781207	.00	.00	.00	.00	14926.60	.00	.00	.00	.00	210.00	610.00	.00
781224	9.36	.00	.00	.00	22964.00	.00	.00	.00	.00	91.00	517.00	.00
790116	9.65	.00	.00	.00	16648.90	.00	.00	.00	.00	143.00	534.00	.00
790220	9.40	.00	.00	.00	.00	.00	.00	.00	.00	127.00	560.00	.00
790313	9.70	.00	14.00	.00	16648.90	.00	.00	.16	.08	143.00	514.00	.00
790329	9.50	.00	.00	.00	9759.70	.00	.00	.00	.00	166.00	494.00	.00
790403	9.20	.00	230.00	.00	12056.10	.00	.00	.10	.15	149.00	567.00	.00
790417	9.60	780.00	.00	.00	13776.40	.00	.00	.00	.00	75.00	477.00	.00
790501	9.70	940.00	.00	.00	13776.40	.00	.00	.05	.31	62.00	351.00	.00
790515	9.25	1000.00	.00	.00	13204.30	.00	.00	.00	.00	-1.00	407.00	.00
790613	9.40	960.00	.00	.00	12056.10	16.00	230.00	.09	.03	60.00	285.00	.00
790626	9.30	1175.00	.00	.00	10907.90	.00	.00	.00	.00	46.00	463.00	.00
790710	9.60	1100.00	.00	.00	12056.10	.00	.00	.06	.07	65.00	438.00	.00
790726	9.10	1000.00	.00	.00	10333.80	.00	.00	.00	.00	120.00	512.00	.00
791010	8.50	720.00	14.20	34.70	25834.50	60.00	157.00	.03	.03	-1.00	346.00	.16
791023	8.00	690.00	.00	.00	13776.40	26.00	160.00	.00	.00	3.00	330.00	.00
791107	7.80	680.00	21.30	159.50	1146.20	25.00	164.00	.02	.03	-1.00	367.00	-.10
791123	7.80	620.00	.00	.00	12630.20	26.00	124.00	.00	.00	12.00	332.00	.00
791204	8.00	580.00	9.62	58.30	10907.90	20.00	228.00	-.01	-.01	6.00	350.00	-.10

SOLUTION MINE WELLS
ORIGINAL PILOT
OP2 (202)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MS/L	HC03 MG/L	NH3 MG/L
791219	7.80	610.00	.00	.00	12630.20	17.00	277.00	.00	.00	6.00	356.00	.00
800103	8.72	655.00	6.50	49.70	12630.20	25.00	.00	-.01	.01	6.00	374.00	-.10
800115	8.40	625.00	.00	.00	5741.00	21.00	108.00	.00	.00	-1.00	356.00	.00
800203	8.60	575.00	.00	.00	14926.60	17.00	115.00	.00	.00	9.00	436.00	.00
800213	8.28	620.00	6.16	45.90	10907.90	26.00	148.00	.03	.01	-1.00	368.00	-.10
800227	8.70	800.00	.00	.00	10907.90	14.00	142.00	.00	.00	-1.00	356.00	.00
800311	8.44	600.00	10.60	59.10	10907.90	13.00	90.00	.04	.02	6.00	337.00	-.10
800325	8.62	560.00	.00	.00	4592.60	19.00	102.00	.00	.00	6.00	386.00	.00
800408	8.60	600.00	18.90	121.60	7463.30	19.00	116.00	.02	.02	-1.00	389.00	-.10
800421	8.06	740.00	.00	.00	10333.80	12.00	124.00	.00	.00	-1.00	391.00	.00
800506	8.38	700.00	3.45	79.50	9759.70	15.00	172.00	.04	-.01	-1.00	390.00	-.01
800528	8.35	610.00	.00	.00	10333.80	12.00	74.00	.00	.00	-1.00	397.00	.00
800603	8.66	770.00	215.00	102.70	9185.60	17.00	114.00	.08	.02	-1.00	299.00	-.10
800617	8.70	720.00	.00	.00	9759.70	17.00	146.00	.00	.00	11.00	376.00	.00
800701	8.56	710.00	69.70	429.00	9185.60	14.00	165.00	.08	.02	9.00	360.00	.12
800715	8.67	760.00	.00	.00	9759.70	11.00	171.00	.00	.00	-1.00	390.00	.00
800729	8.45	720.00	.00	.00	5166.90	14.00	174.00	.00	.00	-1.00	354.00	.00
800811	9.31	710.00	1.00	74.50	10333.80	10.00	184.00	.11	.02	3.00	364.00	.12
800825	8.99	710.00	.00	.00	10907.90	10.00	162.00	.00	.00	28.00	378.00	.00
800909	9.05	760.00	6.80	118.00	12630.20	12.00	123.00	.14	.07	36.00	357.00	-.10
800922	8.98	800.00	.00	.00	11482.00	11.00	139.00	.00	.00	30.00	397.00	.00
801007	9.10	750.00	.00	.00	8037.40	11.00	155.00	.00	.00	18.00	311.00	.00
801021	8.97	750.00	.00	.00	12056.10	12.00	137.00	.00	.00	-1.00	322.00	.00
820308	7.90	450.00	.00	.00	1146.20	19.00	174.00	.00	.00	.00	.00	.00
820507	7.80	.00	.00	.00	1146.20	14.00	191.00	.00	.00	.00	.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP2 (202)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
820726	7.40	575.00	.00	.00	5741.00	15.00	177.00	.00	.00	-1.00	233.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP3 (203)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
710317	.00	.00	.00	.00	.00	4.00	.00	.00	.00	.00	.00	.00
710325	.00	.00	.00	.00	.00	8.00	.00	.00	.00	.00	.00	.00
710407	.00	.00	.00	.00	.00	280.00	.00	.00	.00	.00	.00	.00
710408	.00	.00	.00	.00	.00	240.00	.00	.00	.00	.00	.00	.00
710409	.00	.00	.00	.00	.00	172.00	.00	.00	.00	.00	.00	.00
710410	.00	.00	.00	.00	.00	444.00	.00	.00	.00	.00	.00	.00
710411	.00	.00	.00	.00	.00	364.00	.00	.00	.00	.00	.00	.00
710412	.00	.00	.00	.00	.00	576.00	.00	.00	.00	.00	.00	.00
710413	.00	.00	.00	.00	.00	584.00	.00	.00	.00	.00	.00	.00
710414	.00	.00	.00	.00	.00	760.00	.00	.00	.00	.00	.00	.00
710415	.00	.00	.00	.00	.00	784.00	.00	.00	.00	.00	.00	.00
710416	.00	.00	.00	.00	.00	729.00	.00	.00	.00	.00	.00	.00
710417	.00	.00	.00	.00	.00	668.00	.00	.00	.00	.00	.00	.00
710418	.00	.00	.00	.00	.00	552.00	.00	.00	.00	.00	.00	.00
710420	.00	.00	.00	.00	.00	427.00	.00	.00	.00	.00	.00	.00
710422	.00	.00	.00	.00	.00	378.00	.00	.00	.00	.00	.00	.00
710425	.00	.00	.00	.00	.00	284.00	.00	.00	.00	.00	.00	.00
710502	.00	.00	.00	.00	.00	260.00	.00	.00	.00	.00	.00	.00
710516	.00	.00	.00	.00	.00	4.00	.00	.00	.00	.00	.00	.00
710517	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
710518	.00	.00	.00	.00	.00	1.20	.00	.00	.00	.00	.00	.00
710519	.00	.00	.00	.00	.00	.50	.00	.00	.00	.00	.00	.00
710520	.00	.00	.00	.00	.00	12.10	.00	.00	.00	.00	.00	.00
710521	.00	.00	.00	.00	.00	21.20	.00	.00	.00	.00	.00	.00
710522	.00	.00	.00	.00	.00	42.90	.00	.00	.00	.00	.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP3 (203)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
710523	.00	.00	.00	.00	.00	50.90	.00	.00	.00	.00	.00	.00
710524	.00	.00	.00	.00	.00	66.20	.00	.00	.00	.00	.00	.00
710525	.00	.00	.00	.00	.00	116.00	.00	.00	.00	.00	.00	.00
710526	.00	.00	.00	.00	.00	76.00	.00	.00	.00	.00	.00	.00
710527	.00	.00	.00	.00	.00	86.00	.00	.00	.00	.00	.00	.00
710528	.00	.00	.00	.00	.00	106.00	.00	.00	.00	.00	.00	.00
710529	.00	.00	.00	.00	.00	99.00	.00	.00	.00	.00	.00	.00
710530	.00	.00	.00	.00	.00	91.00	.00	.00	.00	.00	.00	.00
710531	.00	.00	.00	.00	.00	92.00	.00	.00	.00	.00	.00	.00
710601	.00	.00	.00	.00	.00	104.00	.00	.00	.00	.00	.00	.00
710602	.00	.00	.00	.00	.00	96.00	.00	.00	.00	.00	.00	.00
710603	.00	.00	.00	.00	.00	80.00	.00	.00	.00	.00	.00	.00
710604	.00	.00	.00	.00	.00	86.00	.00	.00	.00	.00	.00	.00
710605	.00	.00	.00	.00	.00	86.00	.00	.00	.00	.00	.00	.00
710606	.00	.00	.00	.00	.00	89.00	.00	.00	.00	.00	.00	.00
710608	.00	.00	.00	.00	.00	88.00	.00	.00	.00	.00	.00	.00
710609	.00	.00	.00	.00	.00	76.00	.00	.00	.00	.00	.00	.00
710610	.00	.00	.00	.00	.00	76.00	.00	.00	.00	.00	.00	.00
710611	.00	.00	.00	.00	.00	96.00	.00	.00	.00	.00	.00	.00
710612	.00	.00	.00	.00	.00	81.00	.00	.00	.00	.00	.00	.00
710613	.00	.00	.00	.00	.00	84.00	.00	.00	.00	.00	.00	.00
710614	.00	.00	.00	.00	.00	84.00	.00	.00	.00	.00	.00	.00
710615	.00	.00	.00	.00	.00	56.00	.00	.00	.00	.00	.00	.00
710616	.00	.00	.00	.00	.00	80.00	.00	.00	.00	.00	.00	.00
710620	.00	.00	.00	.00	.00	84.00	.00	.00	.00	.00	.00	.00

SOLUTION MINE WELLS
 ORIGINAL PILOT
 OP3 (203)

DATE	PH	COND UMOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	C03 MG/L	HCO3 MG/L	NH3 MG/L
710621	.00	.00	.00	.00	.00	76.00	.00	.00	.00	.00	.00	.00
710622	.00	.00	.00	.00	.00	88.00	.00	.00	.00	.00	.00	.00
710914	.00	.00	.00	.00	.00	64.00	.00	.00	.00	.00	.00	.00
710924	.00	.00	.00	.00	.00	96.00	.00	.00	.00	.00	.00	.00
720820	9.17	.00	.00	.00	.00	.00	.00	.00	.00	2111.00	19486.00	.00
720822	9.60	.00	.00	.00	80374.00	.00	.00	.00	.00	1769.00	17340.00	.00
720823	9.65	.00	.00	.00	185712.00	.00	.00	.00	.00	6762.00	12697.00	.00
720824	9.50	.00	.00	.00	149260.00	.00	.00	.00	.00	5079.00	9273.00	.00
720827	9.58	.00	.00	.00	229640.00	.00	.00	.00	.00	3395.00	14438.00	.00
720910	9.72	.00	.00	.00	172230.00	.00	.00	.00	.00	2967.00	16492.00	.00
730502	9.48	.00	.00	.00	677436.00	.00	.00	.00	.00	8988.00	16549.00	.00
730503	.00	.00	.00	.00	631510.00	.00	.00	.00	.00	.00	.00	.00
730504	9.48	.00	.00	.00	636103.00	.00	.00	.00	.00	5707.00	14752.00	.00
730509	9.50	.00	.00	.00	585582.00	.00	.00	.00	.00	9701.00	15521.00	.00
730510	9.55	.00	.00	.00	688920.00	.00	.00	.00	.00	10329.00	1256.00	.00
730511	9.60	.00	.00	.00	688920.00	.00	.00	.00	.00	9872.00	15265.00	.00
730512	9.62	.00	.00	.00	620028.00	.00	.00	.00	.00	10101.00	13724.00	.00
730513	9.39	.00	.00	.00	643992.00	.00	.00	.00	.00	8169.00	13639.00	.00
730514	9.40	.00	.00	.00	706143.00	.00	.00	.00	.00	7533.00	15237.00	.00
730515	.00	.00	.00	.00	614287.00	.00	.00	.00	.00	.00	.00	.00
730516	9.50	.00	.00	.00	625789.00	.00	.00	.00	.00	8218.00	10871.00	.00
730517	9.40	.00	.00	.00	631510.00	.00	.00	.00	.00	9872.00	15722.00	.00
730518	9.40	.00	.00	.00	665956.00	.00	.00	.00	.00	10072.00	16178.00	.00
730519	9.38	.00	.00	.00	775035.00	.00	.00	.00	.00	10044.00	16064.00	.00
730520	9.42	.00	.00	.00	648733.00	.00	.00	.00	.00	9872.00	12983.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP3 (203)

DATE	PH	COND UMOH/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
730521	9.50	.00	.00	.00	711625.00	.00	.00	.00	.00	9929.00	12983.00	.00
730522	.00	.00	.00	.00	711884.00	.00	.00	.00	.00	.00	.00	.00
730523	.00	.00	.00	.00	645288.00	.00	.00	.00	.00	.00	.00	.00
730524	9.60	.00	.00	.00	734848.00	.00	.00	.00	.00	7048.00	10300.00	.00
730525	9.50	.00	.00	.00	677438.00	.00	.00	.00	.00	7989.00	14866.00	.00
730526	9.55	.00	.00	.00	642992.00	.00	.00	.00	.00	8560.00	14295.00	.00
730527	9.55	.00	.00	.00	607805.00	.00	.00	.00	.00	8931.00	14866.00	.00
730529	.00	.00	.00	.00	726811.00	.00	.00	.00	.00	.00	.00	.00
730530	9.44	.00	.00	.00	648733.00	.00	.00	.00	.00	7190.00	14752.00	.00
730601	9.51	.00	.00	.00	706143.00	.00	.00	.00	.00	12697.00	15636.00	.00
730602	.00	.00	.00	.00	665956.00	.00	.00	.00	.00	.00	.00	.00
730603	.00	.00	.00	.00	654474.00	.00	.00	.00	.00	.00	.00	.00
730607	9.50	.00	.00	.00	443779.00	.00	.00	.00	.00	12588.00	16435.00	.00
730608	9.55	.00	.00	.00	643992.00	.00	.00	.00	.00	8674.00	15950.00	.00
730614	9.40	.00	.00	.00	706143.00	.00	.00	.00	.00	4280.00	9701.00	.00
730618	.00	.00	.00	.00	579841.00	.00	.00	.00	.00	.00	.00	.00
730620	9.55	.00	.00	.00	780776.00	.00	.00	.00	.00	9872.00	15636.00	.00
730621	9.50	.00	.00	.00	677438.00	.00	.00	.00	.00	9302.00	16549.00	.00
730623	9.45	.00	.00	.00	677438.00	.00	.00	.00	.00	7989.00	15636.00	.00
730624	9.42	.00	.00	.00	695661.00	.00	.00	.00	.00	8446.00	16007.00	.00
730626	9.70	.00	.00	.00	729107.00	.00	.00	.00	.00	9273.00	14780.00	.00
730627	.00	.00	.00	.00	695661.00	.00	.00	.00	.00	.00	.00	.00
730629	9.65	.00	.00	.00	758812.00	.00	.00	.00	.00	9416.00	14238.00	.00
730630	9.68	.00	.00	.00	729107.00	.00	.00	.00	.00	9559.00	14266.00	.00
730701	9.65	.00	.00	.00	688920.00	.00	.00	.00	.00	9416.00	14266.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP3 (203)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
730702	9.00	.00	.00	.00	723366.00	.00	.00	.00	.00	.00	.00	.00
730703	9.00	.00	.00	.00	735848.00	.00	.00	.00	.00	.00	.00	.00
730704	9.60	.00	.00	.00	683179.00	.00	.00	.00	.00	14580.00	10300.00	.00
730705	9.00	.00	.00	.00	689281.00	.00	.00	.00	.00	.00	.00	.00
730706	9.45	.00	.00	.00	723366.00	.00	.00	.00	.00	10586.00	17148.00	.00
730707	9.30	.00	.00	.00	752071.00	.00	.00	.00	.00	12583.00	18118.00	.00
730708	9.00	.00	.00	.00	735848.00	.00	.00	.00	.00	.00	.00	.00
730709	9.00	.00	.00	.00	717625.00	.00	.00	.00	.00	.00	.00	.00
730714	9.45	.00	.00	.00	757812.00	.00	.00	.00	.00	11727.00	17348.00	.00
730715	9.50	.00	.00	.00	609481.00	.00	.00	.00	.00	10785.00	15322.00	.00
730716	9.00	.00	.00	.00	717625.00	.00	.00	.00	.00	.00	.00	.00
730717	9.00	.00	.00	.00	872632.00	.00	.00	.00	.00	.00	.00	.00
730718	9.47	.00	.00	.00	792258.00	.00	.00	.00	.00	10557.00	15693.00	.00
730721	9.69	.00	.00	.00	792258.00	.00	.00	.00	.00	13066.00	16349.00	.00
730722	9.70	.00	.00	.00	797999.00	.00	.00	.00	.00	13125.00	16264.00	.00
730724	9.60	.00	.00	.00	775035.00	.00	.00	.00	.00	11756.00	15950.00	.00
730725	9.71	.00	.00	.00	838186.00	.00	.00	.00	.00	12326.00	16549.00	.00
730727	9.59	.00	.00	.00	752071.00	.00	.00	.00	.00	10814.00	17148.00	.00
730729	9.61	.00	.00	.00	879855.00	.00	.00	.00	.00	11413.00	17177.00	.00
730730	9.41	.00	.00	.00	649668.00	.00	.00	.00	.00	11271.00	20601.00	.00
730731	9.50	.00	.00	.00	603740.00	.00	.00	.00	.00	11841.00	20829.00	.00
730801	9.00	.00	.00	.00	792258.00	.00	.00	.00	.00	.00	.00	.00
730802	9.95	.00	.00	.00	666891.00	.00	.00	.00	.00	12212.00	14866.00	.00
730804	9.70	.00	.00	.00	826704.00	.00	.00	.00	.00	12409.00	14866.00	.00
730805	9.70	.00	.00	.00	792258.00	.00	.00	.00	.00	13382.00	15065.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP3 (203)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
730807	9.55	.00	.00	.00	746330.00	.00	.00	.00	.00	12041.00	19402.00	.00
730808	9.57	.00	.00	.00	775035.00	.00	.00	.00	.00	12212.00	19260.00	.00
730809	9.55	.00	.00	.00	752071.00	.00	.00	.00	.00	12269.00	19666.00	.00
730810	9.60	.00	.00	.00	752256.00	.00	.00	.00	.00	12127.00	19973.00	.00
730811	9.55	.00	.00	.00	775035.00	.00	.00	.00	.00	10726.00	19260.00	.00
730812	9.60	.00	.00	.00	689920.00	.00	.00	.00	.00	12269.00	18669.00	.00
730813	.00	.00	.00	.00	746330.00	.00	.00	.00	.00	.00	.00	.00
730814	.00	.00	.00	.00	736570.00	.00	.00	.00	.00	.00	.00	.00
730822	.00	.00	.00	.00	700402.00	.00	.00	.00	.00	.00	.00	.00
730823	9.40	.00	.00	.00	597636.00	.00	.00	.00	.00	12697.00	20972.00	.00
730824	9.80	.00	.00	.00	672271.00	.00	.00	.00	.00	14580.00	14124.00	.00
730825	9.79	.00	.00	.00	644714.00	.00	.00	.00	.00	14894.00	14552.00	.00
730826	9.75	.00	.00	.00	636103.00	.00	.00	.00	.00	14980.00	14637.00	.00
730827	9.65	.00	.00	.00	614287.00	.00	.00	.00	.00	20101.00	21714.00	.00
730828	.00	.00	.00	.00	597064.00	.00	.00	.00	.00	.00	.00	.00
730829	9.90	.00	.00	.00	625769.00	.00	.00	.00	.00	15493.00	16007.00	.00
730830	.00	.00	.00	.00	591323.00	.00	.00	.00	.00	.00	.00	.00
730831	.00	.00	.00	.00	571230.00	.00	.00	.00	.00	.00	.00	.00
730901	9.58	.00	.00	.00	632510.00	.00	.00	.00	.00	15037.00	14495.00	.00
730902	9.65	.00	.00	.00	654474.00	.00	.00	.00	.00	15522.00	17919.00	.00
730903	9.75	.00	.00	.00	631510.00	.00	.00	.00	.00	12697.00	17546.00	.00
730904	9.66	.00	.00	.00	631510.00	.00	.00	.00	.00	14095.00	16007.00	.00
730905	.00	.00	.00	.00	648733.00	.00	.00	.00	.00	.00	.00	.00
730906	9.50	.00	.00	.00	625621.00	.00	.00	.00	.00	10814.00	21457.00	.00
730907	9.50	.00	.00	.00	620026.00	.00	.00	.00	.00	10757.00	19973.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP3 (203)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
741225	.00	.00	.00	.00	247437.00	.00	.00	.00	.00	.00	.00	.00
741226	.00	.00	.00	.00	252030.00	.00	.00	.00	.00	.00	.00	.00
741227	.00	.00	.00	.00	233659.00	.00	.00	.00	.00	.00	.00	.00
741228	.00	.00	.00	.00	230788.00	.00	.00	.00	.00	.00	.00	.00
741229	.00	.00	.00	.00	233085.00	.00	.00	.00	.00	.00	.00	.00
741230	.00	.00	.00	.00	238826.00	.00	.00	.00	.00	.00	.00	.00
741231	.00	.00	.00	.00	225621.00	.00	.00	.00	.00	.00	.00	.00
750101	.00	.00	.00	.00	231362.00	.00	.00	.00	.00	.00	.00	.00
750102	.00	.00	.00	.00	241696.00	.00	.00	.00	.00	.00	.00	.00
750103	.00	.00	.00	.00	231362.00	.00	.00	.00	.00	.00	.00	.00
750104	.00	.00	.00	.00	277290.00	.00	.00	.00	.00	.00	.00	.00
750105	.00	.00	.00	.00	208398.00	.00	.00	.00	.00	.00	.00	.00
750106	.00	.00	.00	.00	210121.00	.00	.00	.00	.00	.00	.00	.00
750107	.00	.00	.00	.00	210695.00	.00	.00	.00	.00	.00	.00	.00
750108	.00	.00	.00	.00	202657.00	.00	.00	.00	.00	.00	.00	.00
750109	.00	.00	.00	.00	214139.00	.00	.00	.00	.00	.00	.00	.00
750110	.00	.00	.00	.00	221603.00	.00	.00	.00	.00	.00	.00	.00
750111	.00	.00	.00	.00	165914.91	.00	.00	.00	.00	3709.29	5421.27	.00
750112	.00	.00	.00	.00	189879.00	.00	.00	.00	.00	.00	.00	.00
750113	.00	.00	.00	.00	167063.00	.00	.00	.00	.00	.00	.00	.00
750114	.00	.00	.00	.00	153859.00	.00	.00	.00	.00	.00	.00	.00
750120	.00	.00	.00	.00	122283.30	.00	.00	.00	.00	3994.62	5706.60	.00
750127	.00	.00	.00	.00	93004.20	.00	.00	.00	.00	3994.62	5991.93	.00
750203	.00	.00	.00	.00	83244.50	.00	.00	.00	.00	.00	.00	.00
750210	.00	.00	.00	.00	140654.50	.00	.00	.00	.00	3994.62	5991.93	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP3 (203)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
751212	.00	.00	.00	.00	25835.00	.00	.00	.00	.00	.00	.00	.00
751213	.00	.00	.00	.00	29279.00	.00	.00	.00	.00	.00	.00	.00
751214	.00	.00	.00	.00	24686.00	.00	.00	.00	.00	.00	.00	.00
751215	.00	.00	.00	.00	28705.00	.00	.00	.00	.00	199.73	941.59	.00
751216	.00	.00	.00	.00	25635.00	.00	.00	.00	.00	.00	.00	.00
751217	.00	.00	.00	.00	18945.00	.00	.00	.00	.00	.00	.00	.00
751218	.00	.00	.00	.00	37317.00	.00	.00	.00	.00	.00	.00	.00
751220	.00	.00	.00	.00	23538.00	.00	.00	.00	.00	.00	.00	.00
751221	.00	.00	.00	.00	23538.00	.00	.00	.00	.00	.00	.00	.00
751222	.00	.00	.00	.00	25834.50	.00	.00	.00	.00	199.73	485.06	.00
751223	.00	.00	.00	.00	20094.00	.00	.00	.00	.00	.00	.00	.00
751229	.00	.00	.00	.00	25834.50	.00	.00	.00	.00	.00	.00	.00
760104	.00	.00	.00	.00	29279.10	.00	.00	.00	.00	.00	.00	.00
760115	.00	.00	.00	.00	26982.70	.00	.00	.00	.00	199.73	970.12	.00
760124	.00	.00	.00	.00	30427.30	.00	.00	.00	.00	202.58	967.27	.00
760209	.00	.00	.00	.00	26408.60	.00	.00	.00	.00	142.67	370.93	.00
760222	.00	.00	.00	.00	20093.50	.00	.00	.00	.00	57.07	599.19	.00
760324	.00	.00	.00	.00	15500.70	.00	.00	.00	.00	171.20	199.73	.00
760330	.00	.00	.00	.00	15500.70	.00	.00	.00	.00	171.20	313.86	.00
760410	.00	.00	.00	.00	8611.50	.00	.00	.00	.00	171.20	256.80	.00
760416	.00	.00	.00	.00	11482.00	.00	.00	.00	.00	399.46	399.46	.00
760420	.00	.00	.00	.00	10907.90	.00	.00	.00	.00	171.20	313.66	.00
760502	.00	.00	.00	.00	13776.40	.00	.00	.00	.00	85.50	456.53	.00
760508	.00	.00	.00	.00	12056.10	.00	.00	.00	.00	.00	599.19	.00
760511	.00	.00	.00	.00	6315.10	.00	.00	.00	.00	39.95	388.05	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP3 (203)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	C03 MG/L	HCO3 MG/L	NH3 MG/L
760517	.00	.00	.00	.00	10333.80	.00	.00	.00	.00	57.07	399.46	.00
760526	.00	.00	.00	.00	7463.30	.00	.00	.00	.00	28.53	456.53	.00
760603	.00	.00	.00	.00	7463.30	.00	.00	.00	.00	.00	313.86	.00
760610	.00	.00	.00	.00	3444.60	.00	.00	.00	.00	.00	342.40	.00
760622	.00	.00	.00	.00	4592.80	.00	.00	.00	.00	.00	342.40	.00
760630	.00	.00	.00	.00	4016.70	.00	.00	.00	.00	.00	285.33	.00
760709	.00	.00	.00	.00	4592.80	.00	.00	.00	.00	.00	399.46	.00
760714	.00	.00	.00	.00	7463.30	.00	.00	.00	.00	.00	285.33	.00
760722	.00	.00	.00	.00	3444.60	.00	.00	.00	.00	.00	313.86	.00
760819	.00	.00	.00	.00	5166.90	.00	.00	.00	.00	.00	157.00	.00
760925	.00	.00	.00	.00	3444.60	.00	.00	.00	.00	.00	142.00	.00
761011	.00	.00	.00	.00	2870.50	.00	.00	.00	.00	2.00	255.00	.00
761029	.00	.00	.00	.00	7463.30	.00	.00	.00	.00	.00	259.00	.00
761101	.00	.00	.00	.00	4016.70	.00	.00	.00	.00	59.92	242.53	.00
761104	.00	.00	.00	.00	3444.60	.00	.00	.00	.00	34.00	178.00	.00
761115	.00	.00	.00	.00	7463.30	.00	.00	.00	.00	.00	313.86	.00
761124	.00	.00	.00	.00	7463.30	.00	.00	.00	.00	.00	.00	.00
761203	.00	.00	.00	.00	7463.30	.00	.00	.00	.00	8.56	285.33	.00
761207	.00	.00	.00	.00	4592.80	.00	.00	.00	.00	28.53	199.73	.00
761220	.00	.00	.00	.00	5741.00	.00	.00	.00	.00	24.00	290.00	.00
770106	.00	.00	.00	.00	4592.80	.00	.00	.00	.00	19.97	323.13	.00
770113	.00	.00	.00	.00	6611.50	.00	.00	.00	.00	.00	353.81	.00
770130	.00	.00	.00	.00	3444.60	.00	.00	.00	.00	11.00	228.00	.00
770214	.00	.00	.00	.00	3444.60	.00	.00	.00	.00	.00	234.00	.00
770218	.00	.00	.00	.00	9759.70	.00	.00	.00	.00	.00	.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP3 (203)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
770222	.00	.00	.00	.00	5741.00	.00	.00	.00	.00	11.00	199.00	.00
770306	.00	.00	.00	.00	12056.10	.00	.00	.00	.00	.00	113.00	.00
770312	.00	.00	.00	.00	14352.50	.00	.00	.00	.00	2.85	342.40	.00
770325	.00	.00	.00	.00	28705.00	.00	.00	.00	.00	.00	68.00	.00
770404	.00	.00	.00	.00	14352.50	.00	.00	.00	.00	171.20	313.86	.00
770420	.00	.00	.00	.00	11482.00	.00	.00	.00	.00	19.97	313.86	.00
770421	.00	.00	.00	.00	13778.40	.00	.00	.00	.00	.00	174.00	.00
770426	.00	.00	.00	.00	2870.50	.00	.00	.00	.00	.00	168.00	.00
770506	.00	.00	.00	.00	15500.70	.00	.00	.00	.00	.00	271.06	.00
770512	.00	.00	.00	.00	13778.40	.00	.00	.00	.00	79.89	904.50	.00
770521	.00	.00	.00	.00	16074.60	.00	.00	.00	.00	.00	.00	.00
770530	.00	.00	.00	.00	7463.30	.00	.00	.00	.00	.00	.00	.00
770616	.00	.00	.00	.00	2296.40	.00	.00	.00	.00	19.97	305.30	.00
770621	.00	.00	.00	.00	2870.50	.00	.00	.00	.00	.00	.00	.00
770804	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	.00	.00
770827	.00	.00	.00	.00	2296.40	.00	.00	.00	.00	.00	.00	.00
770908	.00	.00	.00	.00	3444.60	.00	.00	.00	.00	.00	.00	.00
770925	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	.00	.00	.00
771004	.00	.00	.00	.00	5166.90	.00	.00	.00	.00	.00	764.68	.00
771026	.00	.00	.00	.00	5166.90	.00	.00	.00	.00	.00	.00	.00
771101	.00	.00	.00	.00	574.10	.00	.00	.00	.01	.00	.00	.00
771117	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	154.08	.00
771126	.00	.00	.00	.00	4592.80	.00	.00	.00	.00	14.27	273.92	.00
771208	.00	.00	.00	.00	574.10	.00	.00	.04	.01	.00	.00	.00
780109	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	.00	305.30	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP3 (203)

DATE	PH	COND UMOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
780210	7.85	.00	.00	.00	1148.20	.00	.00	.00	.00	-11.00	240.00	.00
780215	8.23	.00	99.00	.00	2296.40	.00	.00	.01	.00	-11.00	171.00	.00
780223	8.22	.00	.00	.00	1722.30	.00	.00	.00	.00	-11.00	183.00	.00
780308	7.60	.00	24.00	.00	1148.20	.00	.00	.21	.06	-11.00	197.00	.00
780316	7.82	.00	.00	.00	2296.40	.00	.00	.00	.00	-11.00	183.00	.00
780323	7.74	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	183.00	.00
780329	9.42	.00	.00	.00	16648.90	.00	.00	.00	.00	60.00	457.00	.00
780406	8.42	.00	1.10	.00	9185.60	.00	.00	.01	.02	-11.00	183.00	.00
780411	9.13	.00	.00	.00	9185.60	.00	.00	.00	.00	31.00	334.00	.00
780423	7.80	.00	.00	.00	1722.30	.00	.00	.00	.00	-11.00	183.00	.00
780427	8.06	.00	.00	.00	1148.20	.00	.00	.00	.00	-11.00	214.00	.00
780511	7.97	.00	.00	.00	1148.20	.00	.00	.08	.05	-11.00	214.00	.00
780525	7.82	.00	.00	.00	1722.30	.00	.00	.00	.00	-11.00	243.00	.00
780608	9.32	.00	59.00	.00	10907.90	.00	.00	.04	.13	60.00	549.00	.00
780614	7.37	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	151.00	.00
780622	7.22	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	151.00	.00
780629	7.50	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	91.00	.00
780706	8.30	.00	56.00	.00	2870.50	.00	.00	.01	.01	14.00	228.00	.00
780713	8.02	.00	.00	.00	3444.60	.00	.00	.00	.00	-11.00	214.00	.00
780727	8.40	.00	.00	.00	574.10	.00	.00	.00	.00	23.00	97.00	.00
780810	7.54	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	183.00	.00
780817	8.39	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	214.00	.00
780825	7.61	.00	.00	.00	1722.30	.00	.00	.00	.00	-11.00	334.00	.00
781005	7.58	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	214.00	.00
781012	7.02	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	506.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP3 (203)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	C03 MG/L	HCO3 MG/L	NH3 MG/L
781019	6.75	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	123.00	.00
781102	7.37	.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	122.00	.00
781109	6.75	.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	214.00	.00
781117	7.55	.00	32.00	.00	574.10	.00	.00	.03	.01	-1.00	122.00	.00
781207	.00	.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	183.00	.00
781224	7.40	.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	143.00	.00
790118	6.38	.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	148.00	.00
790220	7.51	.00	.00	.00	.00	.00	.00	.00	.00	-1.00	204.00	.00
790314	6.20	.00	110.00	9.00	574.10	.00	.00	.01	.01	-1.00	165.00	.00
790403	5.50	.00	34.00	10.00	574.10	.00	.00	.01	.00	-1.00	33.00	.00
790417	7.60	500.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	152.00	.00
790513	7.70	505.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
790515	7.70	570.00	.00	.00	1145.20	.00	.00	.00	.00	-1.00	185.00	.00
790613	6.30	620.00	.00	.00	574.10	14.00	295.00	-.01	-.01	-1.00	166.00	.00
790626	7.90	710.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	152.00	.00
790710	6.00	675.00	.00	.00	574.10	.00	.00	-.01	-.01	-1.00	159.00	.00
790726	7.90	635.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	162.00	.00
790829	6.00	625.00	.00	.00	574.10	.00	.00	-.01	-.01	-1.00	151.00	.00
790916	6.10	575.00	.00	.00	574.10	.00	.00	-.01	-.01	-1.00	154.00	.00
790926	6.40	570.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	75.00	.00
791010	6.50	580.00	9.70	14.20	574.10	19.00	202.00	-.01	-.01	-1.00	159.00	-.10
791023	6.20	580.00	.00	.00	574.10	11.00	211.00	.00	.00	-1.00	156.00	.00
791106	7.70	575.00	38.20	2.40	574.10	11.00	221.00	.02	.01	-1.00	159.00	-.10
791123	7.50	520.00	.00	.00	574.10	10.00	124.00	.00	.00	-1.00	160.00	.00
791204	7.90	440.00	6.02	17.80	574.10	12.00	176.00	-.01	-.01	6.00	160.00	-.10

SOLUTION MINE WELLS
ORIGINAL PILOT
OP3 (203)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
791218	7.20	460.00	.00	.00	574.10	10.00	271.00	.00	.00	3.00	147.00	.00
800103	8.10	495.00	4.70	10.40	574.10	19.00	.00	-.01	-.01	-1.00	159.00	-.10
800115	7.90	500.00	.00	.00	574.10	18.00	127.00	.00	.00	-1.00	147.00	.00
800201	7.50	610.00	.00	.00	574.10	15.00	172.00	.00	.00	-1.00	153.00	.00
800212	7.16	500.00	10.70	6.62	574.10	12.00	206.00	-.01	-.01	-1.00	147.00	-.10
800226	8.15	550.00	.00	.00	574.10	17.00	216.00	.00	.00	-1.00	129.00	.00
800311	7.83	450.00	32.30	4.50	574.10	13.00	206.00	-.01	-.01	-1.00	156.00	-.10
800327	7.82	375.00	.00	.00	574.10	15.00	207.00	.00	.00	-1.00	149.00	.00
800408	7.36	540.00	24.20	13.10	574.10	10.00	178.00	-.01	-.01	-1.00	153.00	-.10
800422	8.10	575.00	.00	.00	574.10	15.00	215.00	.00	.00	-1.00	140.00	.00
800507	6.95	550.00	7.59	33.60	574.10	15.00	209.00	-.01	-.01	-1.00	140.00	-.01
800527	8.20	.00	.00	.00	18945.30	96.00	236.00	.00	.00	-1.00	537.00	.00
800618	8.16	650.00	.00	.00	574.10	16.00	197.00	.00	.00	-1.00	153.00	.00
800702	7.94	640.00	35.20	16.80	574.10	16.00	226.00	-.01	-.01	-1.00	159.00	-.10
800715	8.22	600.00	.00	.00	574.10	15.00	214.00	.00	.00	-1.00	159.00	.00
800729	8.11	640.00	.00	.00	574.10	15.00	244.00	.00	.00	-1.00	153.00	.00
800811	7.80	625.00	10.40	1.90	574.10	16.00	247.00	-.01	-.01	-1.00	140.00	-.10
800825	8.20	550.00	.00	.00	574.10	16.00	230.00	.00	.00	-1.00	166.00	.00
800923	8.45	550.00	.00	.00	574.10	17.00	183.00	.00	.00	-1.00	140.00	.00
801008	8.25	600.00	.00	.00	574.10	18.00	232.00	.00	.00	-1.00	146.00	.00
801021	8.09	690.00	.00	.00	574.10	16.00	197.00	.00	.00	-1.00	159.00	.00
820305	7.80	.00	.00	.00	574.10	23.00	204.00	.00	.00	.00	.00	.00
820510	7.50	.00	.00	.00	574.10	16.00	302.00	.00	.00	.00	.00	.00
820727	7.30	500.00	.00	.00	574.10	19.00	191.00	.00	.00	-1.00	135.00	.00

SOLUTION MINE WELLS
 ORIGINAL PILOT
 OP4 (204)

DATE	PH	COND UMOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
710317	.00	.00	.00	.00	.00	8.00	.00	.00	.00	.00	.00	.00
710325	.00	.00	.00	.00	.00	10.00	.00	.00	.00	.00	.00	.00
710407	.00	.00	.00	.00	.00	128.00	.00	.00	.00	.00	.00	.00
710408	.00	.00	.00	.00	.00	292.00	.00	.00	.00	.00	.00	.00
710409	.00	.00	.00	.00	.00	184.00	.00	.00	.00	.00	.00	.00
710410	.00	.00	.00	.00	.00	236.00	.00	.00	.00	.00	.00	.00
710411	.00	.00	.00	.00	.00	176.00	.00	.00	.00	.00	.00	.00
710412	.00	.00	.00	.00	.00	196.00	.00	.00	.00	.00	.00	.00
710413	.00	.00	.00	.00	.00	184.00	.00	.00	.00	.00	.00	.00
710414	.00	.00	.00	.00	.00	198.00	.00	.00	.00	.00	.00	.00
710415	.00	.00	.00	.00	.00	118.00	.00	.00	.00	.00	.00	.00
710416	.00	.00	.00	.00	.00	148.00	.00	.00	.00	.00	.00	.00
710417	.00	.00	.00	.00	.00	268.00	.00	.00	.00	.00	.00	.00
710418	.00	.00	.00	.00	.00	288.00	.00	.00	.00	.00	.00	.00
710420	.00	.00	.00	.00	.00	141.00	.00	.00	.00	.00	.00	.00
710422	.00	.00	.00	.00	.00	152.00	.00	.00	.00	.00	.00	.00
710425	.00	.00	.00	.00	.00	234.00	.00	.00	.00	.00	.00	.00
710502	.00	.00	.00	.00	.00	227.00	.00	.00	.00	.00	.00	.00
710516	.00	.00	.00	.00	.00	4.00	.00	.00	.00	.00	.00	.00
710517	.00	.00	.00	.00	.00	.90	.00	.00	.00	.00	.00	.00
710518	.00	.00	.00	.00	.00	2.10	.00	.00	.00	.00	.00	.00
710519	.00	.00	.00	.00	.00	17.90	.00	.00	.00	.00	.00	.00
710520	.00	.00	.00	.00	.00	15.00	.00	.00	.00	.00	.00	.00
710521	.00	.00	.00	.00	.00	21.00	.00	.00	.00	.00	.00	.00
710522	.00	.00	.00	.00	.00	44.20	.00	.00	.00	.00	.00	.00

SOLUTION MINE WELLS
 ORIGINAL PILOT
 OP4 (204)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	MC03 MG/L	NH3 MG/L
710523	.00	.00	.00	.00	.00	47.00	.00	.00	.00	.00	.00	.00
710524	.00	.00	.00	.00	.00	140.00	.00	.00	.00	.00	.00	.00
710525	.00	.00	.00	.00	.00	124.00	.00	.00	.00	.00	.00	.00
710526	.00	.00	.00	.00	.00	66.00	.00	.00	.00	.00	.00	.00
710527	.00	.00	.00	.00	.00	102.00	.00	.00	.00	.00	.00	.00
710528	.00	.00	.00	.00	.00	120.00	.00	.00	.00	.00	.00	.00
710529	.00	.00	.00	.00	.00	104.00	.00	.00	.00	.00	.00	.00
710530	.00	.00	.00	.00	.00	100.00	.00	.00	.00	.00	.00	.00
710531	.00	.00	.00	.00	.00	101.00	.00	.00	.00	.00	.00	.00
710601	.00	.00	.00	.00	.00	160.00	.00	.00	.00	.00	.00	.00
710602	.00	.00	.00	.00	.00	108.00	.00	.00	.00	.00	.00	.00
710603	.00	.00	.00	.00	.00	124.00	.00	.00	.00	.00	.00	.00
710604	.00	.00	.00	.00	.00	93.00	.00	.00	.00	.00	.00	.00
710605	.00	.00	.00	.00	.00	92.00	.00	.00	.00	.00	.00	.00
710606	.00	.00	.00	.00	.00	69.00	.00	.00	.00	.00	.00	.00
710608	.00	.00	.00	.00	.00	100.00	.00	.00	.00	.00	.00	.00
710609	.00	.00	.00	.00	.00	136.00	.00	.00	.00	.00	.00	.00
710610	.00	.00	.00	.00	.00	84.00	.00	.00	.00	.00	.00	.00
710611	.00	.00	.00	.00	.00	132.00	.00	.00	.00	.00	.00	.00
710612	.00	.00	.00	.00	.00	95.00	.00	.00	.00	.00	.00	.00
710613	.00	.00	.00	.00	.00	92.00	.00	.00	.00	.00	.00	.00
710614	.00	.00	.00	.00	.00	92.00	.00	.00	.00	.00	.00	.00
710615	.00	.00	.00	.00	.00	112.00	.00	.00	.00	.00	.00	.00
710616	.00	.00	.00	.00	.00	112.00	.00	.00	.00	.00	.00	.00
710620	.00	.00	.00	.00	.00	92.00	.00	.00	.00	.00	.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP4 (204)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
710621	.00	.00	.00	.00	.00	116.00	.00	.00	.00	.00	.00	.00
710622	.00	.00	.00	.00	.00	99.00	.00	.00	.00	.00	.00	.00
710914	.00	.00	.00	.00	.00	68.00	.00	.00	.00	.00	.00	.00
710924	.00	.00	.00	.00	.00	73.00	.00	.00	.00	.00	.00	.00
720820	9.52	.00	.00	.00	.00	.00	.00	.00	.00	11014.00	16920.00	.00
720822	9.20	.00	.00	.00	109079.00	.00	.00	.00	.00	685.00	4223.00	.00
720823	9.20	.00	.00	.00	143525.00	.00	.00	.00	.00	1284.00	8317.00	.00
720824	8.70	.00	.00	.00	109079.00	.00	.00	.00	.00	3395.00	4480.00	.00
720827	6.91	.00	.00	.00	126302.00	.00	.00	.00	.00	1284.00	7732.00	.00
730502	9.35	.00	.00	.00	295087.00	.00	.00	.00	.00	4708.00	12127.00	.00
730503	.00	.00	.00	.00	272698.00	.00	.00	.00	.00	.00	.00	.00
730504	9.35	.00	.00	.00	257771.00	.00	.00	.00	.00	4308.00	11042.00	.00
730509	9.50	.00	.00	.00	257192.00	.00	.00	.00	.00	5707.00	10272.00	.00
730510	9.50	.00	.00	.00	263512.00	.00	.00	.00	.00	5650.00	11413.00	.00
730511	9.50	.00	.00	.00	263938.00	.00	.00	.00	.00	5621.00	11071.00	.00
730512	9.45	.00	.00	.00	250882.00	.00	.00	.00	.00	6334.00	10871.00	.00
730513	9.30	.00	.00	.00	237677.00	.00	.00	.00	.00	7048.00	17148.00	.00
730514	9.31	.00	.00	.00	277716.00	.00	.00	.00	.00	4708.00	11442.00	.00
730515	.00	.00	.00	.00	260067.00	.00	.00	.00	.00	.00	.00	.00
730516	9.35	.00	.00	.00	239974.00	.00	.00	.00	.00	6106.00	14295.00	.00
730517	9.)	.00	.00	.00	246289.00	.00	.00	.00	.00	3281.00	8760.00	.00
730518	9.30	.00	.00	.00	243418.00	.00	.00	.00	.00	3424.00	8845.00	.00
730519	9.30	.00	.00	.00	317903.00	.00	.00	.00	.00	3995.00	9730.00	.00
730520	9.40	.00	.00	.00	258919.00	.00	.00	.00	.00	5650.00	9559.00	.00
730521	9.40	.00	.00	.00	228492.00	.00	.00	.00	.00	5564.00	9781.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP# (204)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
730522	9.00	.00	.00	.00	250882.00	.00	.00	.00	.00	.00	.00	.00
730523	9.00	.00	.00	.00	250308.00	.00	.00	.00	.00	.00	.00	.00
730524	9.45	.00	.00	.00	250862.00	.00	.00	.00	.00	8703.00	15436.00	.00
730525	9.45	.00	.00	.00	26585.00	.00	.00	.00	.00	6591.00	9901.00	.00
730526	9.45	.00	.00	.00	313459.00	.00	.00	.00	.00	6135.00	14209.00	.00
730527	9.40	.00	.00	.00	250308.00	.00	.00	.00	.00	5650.00	13724.00	.00
730529	9.00	.00	.00	.00	246863.00	.00	.00	.00	.00	.00	.00	.00
730530	9.39	.00	.00	.00	266382.00	.00	.00	.00	.00	6106.00	11071.00	.00
730531	9.39	.00	.00	.00	248011.00	.00	.00	.00	.00	6106.00	9901.00	.00
730601	9.42	.00	.00	.00	244567.00	.00	.00	.00	.00	7533.00	17919.00	.00
730602	9.00	.00	.00	.00	278439.00	.00	.00	.00	.00	.00	.00	.00
730603	9.00	.00	.00	.00	254326.00	.00	.00	.00	.00	.00	.00	.00
730605	9.40	.00	.00	.00	284180.00	.00	.00	.00	.00	10329.00	12383.00	.00
730606	9.30	.00	.00	.00	317477.00	.00	.00	.00	.00	9730.00	13097.00	.00
730607	9.25	.00	.00	.00	346182.00	.00	.00	.00	.00	6306.00	15408.00	.00
730612	9.60	.00	.00	.00	212417.00	.00	.00	.00	.00	7048.00	11356.00	.00
730613	9.00	.00	.00	.00	303551.00	.00	.00	.00	.00	.00	.00	.00
730615	9.70	.00	.00	.00	325515.00	.00	.00	.00	.00	7219.00	11556.00	.00
730616	9.55	.00	.00	.00	335274.00	.00	.00	.00	.00	8703.00	13154.00	.00
730617	9.00	.00	.00	.00	300828.00	.00	.00	.00	.00	.00	.00	.00
730618	9.00	.00	.00	.00	341015.00	.00	.00	.00	.00	.00	.00	.00
730620	9.55	.00	.00	.00	324792.00	.00	.00	.00	.00	10101.00	14866.00	.00
730622	9.35	.00	.00	.00	304273.00	.00	.00	.00	.00	7048.00	17748.00	.00
730623	9.35	.00	.00	.00	329959.00	.00	.00	.00	.00	7256.00	17919.00	.00
730624	9.45	.00	.00	.00	330997.00	.00	.00	.00	.00	9872.00	17148.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP4 (204)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	C03 MG/L	HCO3 MG/L	NH3 MG/L
730625	9.80	.00	.00	.00	355368.00	.00	.00	.00	.00	12212.00	14495.00	.00
730626	9.90	.00	.00	.00	362257.00	.00	.00	.00	.00	11984.00	14010.00	.00
730628	.00	.00	.00	.00	695661.00	.00	.00	.00	.00	.00	.00	.00
730711	9.60	.00	.00	.00	336423.00	.00	.00	.00	.00	9872.00	16406.00	.00
730712	.00	.00	.00	.00	385221.00	.00	.00	.00	.00	.00	.00	.00
730713	.00	.00	.00	.00	347905.00	.00	.00	.00	.00	.00	.00	.00
730714	9.45	.00	.00	.00	332604.00	.00	.00	.00	.00	11727.00	16406.00	.00
730720	9.65	.00	.00	.00	135488.00	.00	.00	.00	.00	.00	1512.00	.00
730721	8.59	.00	.00	.00	148118.00	.00	.00	.00	.00	2597.00	1912.00	.00
730722	8.56	.00	.00	.00	155007.00	.00	.00	.00	.00	2283.00	1997.00	.00
730723	8.90	.00	.00	.00	150414.00	.00	.00	.00	.00	827.00	2254.00	.00
730724	9.01	.00	.00	.00	83245.00	.00	.00	.00	.00	228.00	3624.00	.00
730725	8.91	.00	.00	.00	134339.00	.00	.00	.00	.00	143.00	3709.00	.00
730727	9.00	.00	.00	.00	86889.00	.00	.00	.00	.00	228.00	770.00	.00
730729	9.00	.00	.00	.00	102190.00	.00	.00	.00	.00	342.00	856.00	.00
730730	9.29	.00	.00	.00	107931.00	.00	.00	.00	.00	2340.00	1512.00	.00
730731	9.21	.00	.00	.00	165915.00	.00	.00	.00	.00	856.00	6135.00	.00
730801	.00	.00	.00	.00	169360.00	.00	.00	.00	.00	.00	.00	.00
730802	9.45	.00	.00	.00	112524.00	.00	.00	.00	.00	1398.00	4565.00	.00
730803	9.80	.00	.00	.00	134914.00	.00	.00	.00	.00	3024.00	1883.00	.00
730804	9.55	.00	.00	.00	110227.00	.00	.00	.00	.00	2340.00	1512.00	.00
730805	9.70	.00	.00	.00	117116.00	.00	.00	.00	.00	1655.00	6106.00	.00
730807	9.38	.00	.00	.00	91856.00	.00	.00	.00	.00	1512.00	3995.00	.00
730808	9.30	.00	.00	.00	80374.00	.00	.00	.00	.00	1398.00	3766.00	.00
730809	9.30	.00	.00	.00	2296.00	.00	.00	.00	.00	1056.00	3281.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP4 (204)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
741226	.00	.00	.00	.00	166489.00	.00	.00	.00	.00	.00	.00	.00
741227	.00	.00	.00	.00	159600.00	.00	.00	.00	.00	.00	.00	.00
741228	.00	.00	.00	.00	163619.00	.00	.00	.00	.00	.00	.00	.00
741229	.00	.00	.00	.00	158452.00	.00	.00	.00	.00	.00	.00	.00
741230	.00	.00	.00	.00	157303.00	.00	.00	.00	.00	.00	.00	.00
741231	.00	.00	.00	.00	148692.00	.00	.00	.00	.00	.00	.00	.00
750101	.00	.00	.00	.00	153285.00	.00	.00	.00	.00	.00	.00	.00
750102	.00	.00	.00	.00	167637.00	.00	.00	.00	.00	.00	.00	.00
750103	.00	.00	.00	.00	122857.00	.00	.00	.00	.00	.00	.00	.00
750104	.00	.00	.00	.00	165915.00	.00	.00	.00	.00	.00	.00	.00
750105	.00	.00	.00	.00	146970.00	.00	.00	.00	.00	.00	.00	.00
750106	.00	.00	.00	.00	133765.00	.00	.00	.00	.00	.00	.00	.00
750107	.00	.00	.00	.00	176823.00	.00	.00	.00	.00	.00	.00	.00
750108	.00	.00	.00	.00	128024.00	.00	.00	.00	.00	.00	.00	.00
750109	.00	.00	.00	.00	141803.00	.00	.00	.00	.00	.00	.00	.00
750110	.00	.00	.00	.00	147544.00	.00	.00	.00	.00	.00	.00	.00
750111	.00	.00	.00	.00	121709.20	.00	.00	.00	.00	1997.31	3994.62	.00
750112	.00	.00	.00	.00	141229.00	.00	.00	.00	.00	.00	.00	.00
750113	.00	.00	.00	.00	109079.00	.00	.00	.00	.00	.00	.00	.00
750114	.00	.00	.00	.00	121709.00	.00	.00	.00	.00	.00	.00	.00
750120	.00	.00	.00	.00	88411.41	.00	.00	.00	.00	199.73	256.80	.00
750127	.00	.00	.00	.00	88411.41	.00	.00	.00	.00	855.99	2567.97	.00
750203	.00	.00	.00	.00	79225.80	.00	.00	.00	.00	855.99	2282.64	.00
750316	.00	.00	.00	.00	29853.00	.00	.00	.00	.00	.00	.00	.00
750317	.00	.00	.00	.00	31001.40	.00	.00	.00	.00	.00	855.99	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP4 (204)

DATE	PH	COND UMOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
750512	.00	.00	.00	.00	63725.10	.00	.00	.00	.00	.00	2567.97	.00
750513	.00	.00	.00	.00	71763.00	.00	.00	.00	.00	.00	.00	.00
750514	.00	.00	.00	.00	69466.00	.00	.00	.00	.00	.00	.00	.00
750515	.00	.00	.00	.00	56262.00	.00	.00	.00	.00	.00	.00	.00
750516	.00	.00	.00	.00	64873.00	.00	.00	.00	.00	.00	.00	.00
750517	.00	.00	.00	.00	70040.00	.00	.00	.00	.00	.00	.00	.00
750518	.00	.00	.00	.00	61429.00	.00	.00	.00	.00	.00	.00	.00
750519	.00	.00	.00	.00	63725.10	.00	.00	.00	.00	.00	2567.97	.00
750520	.00	.00	.00	.00	67170.00	.00	.00	.00	.00	.00	.00	.00
750521	.00	.00	.00	.00	66022.00	.00	.00	.00	.00	.00	.00	.00
750522	.00	.00	.00	.00	63725.00	.00	.00	.00	.00	.00	.00	.00
750523	.00	.00	.00	.00	64299.00	.00	.00	.00	.00	.00	.00	.00
750524	.00	.00	.00	.00	66596.00	.00	.00	.00	.00	.00	.00	.00
750525	.00	.00	.00	.00	60281.00	.00	.00	.00	.00	.00	.00	.00
750526	.00	.00	.00	.00	66692.00	.00	.00	.00	.00	2.65	3423.96	.00
750527	.00	.00	.00	.00	62003.00	.00	.00	.00	.00	.00	.00	.00
750528	.00	.00	.00	.00	60281.00	.00	.00	.00	.00	.00	.00	.00
750530	.00	.00	.00	.00	66318.00	.00	.00	.00	.00	.00	.00	.00
750531	.00	.00	.00	.00	67744.00	.00	.00	.00	.00	.00	.00	.00
750601	.00	.00	.00	.00	64299.00	.00	.00	.00	.00	.00	.00	.00
750602	.00	.00	.00	.00	64299.20	.00	.00	.00	.00	.00	1141.32	.00
750604	.00	.00	.00	.00	69466.00	.00	.00	.00	.00	.00	.00	.00
750605	.00	.00	.00	.00	70040.00	.00	.00	.00	.00	.00	.00	.00
750607	.00	.00	.00	.00	65447.00	.00	.00	.00	.00	.00	.00	.00
750609	.00	.00	.00	.00	63725.10	.00	.00	.00	.00	285.33	1711.98	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP4 (204)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
750803	.00	.00	.00	.00	39613.00	.00	.00	.00	.00	.00	.00	.00
750804	.00	.00	.00	.00	25834.50	.00	.00	.00	.00	285.33	855.99	.00
750805	.00	.00	.00	.00	50521.00	.00	.00	.00	.00	.00	.00	.00
750806	.00	.00	.00	.00	20668.00	.00	.00	.00	.00	.00	.00	.00
750807	.00	.00	.00	.00	23538.00	.00	.00	.00	.00	.00	.00	.00
750811	.00	.00	.00	.00	24112.20	.00	.00	.00	.00	.00	.00	.00
750812	.00	.00	.00	.00	24112.00	.00	.00	.00	.00	.00	.00	.00
750813	.00	.00	.00	.00	32150.00	.00	.00	.00	.00	.00	.00	.00
750814	.00	.00	.00	.00	34446.00	.00	.00	.00	.00	.00	.00	.00
750815	.00	.00	.00	.00	39613.00	.00	.00	.00	.00	.00	.00	.00
750816	.00	.00	.00	.00	33872.00	.00	.00	.00	.00	.00	.00	.00
750817	.00	.00	.00	.00	37891.00	.00	.00	.00	.00	.00	.00	.00
750818	.00	.00	.00	.00	39038.80	.00	.00	.00	.00	285.33	1426.65	.00
750819	.00	.00	.00	.00	34446.00	.00	.00	.00	.00	.00	.00	.00
750820	8.69	.00	.00	.00	35020.00	.00	.00	.00	.00	285.00	1427.00	.00
750821	.00	.00	.00	.00	36168.00	.00	.00	.00	.00	.00	.00	.00
750822	.00	.00	.00	.00	39613.00	.00	.00	.00	.00	.00	.00	.00
750823	.00	.00	.00	.00	33872.00	.00	.00	.00	.00	.00	.00	.00
750824	.00	.00	.00	.00	44206.00	.00	.00	.00	.00	.00	.00	.00
750825	.00	.00	.00	.00	39039.00	.00	.00	.00	.00	.00	.00	.00
750826	.00	.00	.00	.00	35020.00	.00	.00	.00	.00	.00	.00	.00
750904	.00	.00	.00	.00	32149.60	.00	.00	.00	.00	285.33	1426.65	.00
750912	.00	.00	.00	.00	36464.70	.00	.00	.00	.00	285.33	855.99	.00
750921	.00	.00	.00	.00	37890.60	.00	.00	.00	.00	285.33	855.99	.00
750924	.00	.00	.00	.00	30427.30	.00	.00	.00	.00	285.33	855.99	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP4 (204)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	C03 MG/L	HC03 MG/L	NH3 MG/L
751222	.00	.00	.00	.00	16848.90	.00	.00	.00	.00	114.13	770.39	.00
751223	.00	.00	.00	.00	16075.00	.00	.00	.00	.00	.00	.00	.00
751229	.00	.00	.00	.00	14926.60	.00	.00	.00	.00	.00	.00	.00
760104	.00	.00	.00	.00	16074.80	.00	.00	.00	.00	.00	.00	.00
760115	.00	.00	.00	.00	18945.30	.00	.00	.00	.00	199.73	656.26	.00
760124	.00	.00	.00	.00	19519.40	.00	.00	.00	.00	202.58	644.85	.00
760209	.00	.00	.00	.00	17223.00	.00	.00	.00	.00	6.56	770.39	.00
760222	.00	.00	.00	.00	17223.00	.00	.00	.00	.00	26.53	796.92	.00
760307	.00	.00	.00	.00	15500.70	.00	.00	.00	.00	26.53	599.19	.00
760324	.00	.00	.00	.00	11482.00	.00	.00	.00	.00	26.53	627.73	.00
760330	.00	.00	.00	.00	16074.80	.00	.00	.00	.00	171.20	199.73	.00
760404	.00	.00	.00	.00	14926.60	.00	.00	.00	.00	171.20	570.66	.00
760410	.00	.00	.00	.00	11482.00	.00	.00	.00	.00	171.20	513.59	.00
760416	.00	.00	.00	.00	14352.50	.00	.00	.00	.00	85.60	1027.19	.00
760420	.00	.00	.00	.00	13778.40	.00	.00	.00	.00	171.20	542.13	.00
760502	.00	.00	.00	.00	17223.00	.00	.00	.00	.00	85.60	570.66	.00
760508	.00	.00	.00	.00	12056.10	.00	.00	.00	.00	114.13	570.66	.00
760511	.00	.00	.00	.00	8037.40	.00	.00	.00	.00	39.95	547.83	.00
760517	.00	.00	.00	.00	10333.80	.00	.00	.00	.00	37.09	627.73	.00
760526	.00	.00	.00	.00	8037.40	.00	.00	.00	.00	57.07	627.73	.00
760603	.00	.00	.00	.00	13204.30	.00	.00	.00	.00	57.07	627.73	.00
760610	.00	.00	.00	.00	9759.70	.00	.00	.00	.00	57.07	599.19	.00
760622	.00	.00	.00	.00	11482.00	.00	.00	.00	.00	26.53	599.19	.00
760630	.00	.00	.00	.00	9165.60	.00	.00	.00	.00	85.60	599.19	.00
760709	.00	.00	.00	.00	14352.50	.00	.00	.00	.00	85.60	627.73	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP4 (204)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
760714	.00	.00	.00	.00	10333.80	.00	.00	.00	.00	28.53	570.66	.00
760722	.00	.00	.00	.00	9759.70	.00	.00	.00	.00	57.07	542.13	.00
760819	.00	.00	.00	.00	8037.40	.00	.00	.00	.00	42.00	353.00	.00
760925	.00	.00	.00	.00	6889.20	.00	.00	.00	.00	23.00	355.00	.00
761011	.00	.00	.00	.00	5166.90	.00	.00	.00	.00	.00	.00	.00
761029	.00	.00	.00	.00	9185.60	.00	.00	.00	.00	11.00	351.00	.00
761101	.00	.00	.00	.00	8611.50	.00	.00	.00	.00	57.07	425.14	.00
761104	.00	.00	.00	.00	7463.30	.00	.00	.00	.00	33.00	311.00	.00
761115	.00	.00	.00	.00	10333.80	.00	.00	.00	.00	39.95	456.53	.00
761124	.00	.00	.00	.00	8037.40	.00	.00	.00	.00	11.00	.00	.00
761203	.00	.00	.00	.00	8037.40	.00	.00	.00	.00	39.95	713.16	.00
761207	.00	.00	.00	.00	6315.10	.00	.00	.00	.00	48.00	167.00	.00
761220	.00	.00	.00	.00	6315.10	.00	.00	.00	.00	24.00	336.00	.00
761229	.00	.00	.00	.00	6315.10	.00	.00	.00	.00	.00	.00	.00
780720	4.23	.00	29.00	.00	1148.20	.00	.00	.01	.00	-11.00	-11.00	.00
780727	4.20	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	11.00	.00
780803	4.08	.00	32.00	.00	574.10	.00	.00	.01	.00	-11.00	-11.00	.00
780810	4.13	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	-11.00	.00
780817	6.66	.00	.00	.00	1722.30	.00	.00	.00	.00	14.00	306.00	.00
780825	7.90	.00	.00	.00	2296.40	.00	.00	.00	.00	-11.00	334.00	.00
780831	4.64	.00	32.00	.00	574.10	.00	.00	-.01	-.01	-11.00	-11.00	.00
780907	6.26	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	60.00	.00
780914	7.70	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	268.00	.00
780921	6.25	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	14.00	.00
780928	8.03	.00	45.00	.00	574.10	.00	.00	.03	.02	31.00	457.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP4 (204)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
781005	6.57	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	14.00	.00
781012	6.71	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	29.00	.00
781019	6.72	.00	62.00	.00	574.10	.00	.00	-.01	.05	-11.00	29.00	.00
781102	6.85	.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	31.00	.00
781109	6.40	.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	61.00	.00
781117	1.75	.00	1.60	.00	574.10	.00	.00	.05	.01	-1.00	30.00	.00
781207	.00	.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	35.00	.00
781224	6.49	.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	10.00	.00
790118	6.00	.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	40.00	.00
790220	6.61	.00	.00	.00	1148.20	.00	.00	.01	.00	-1.00	105.00	.00
790403	6.60	.00	.00	.00	574.10	.00	.00	.01	.00	-1.00	151.00	.00
790417	6.60	190.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	20.00	.00
790513	7.65	200.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
790515	7.80	480.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	132.00	.00
790613	8.00	510.00	.00	.00	574.10	42.00	147.00	-.01	-.01	-1.00	119.00	.00
790626	7.40	560.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	99.00	.00
790710	7.60	550.00	.00	.00	574.10	.00	.00	-.01	-.01	-1.00	136.00	.00
790726	8.00	595.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	156.00	.00
790829	8.10	560.00	.00	.00	574.10	.00	.00	-.01	-.01	-1.00	151.00	.00
790916	8.50	650.00	.00	.00	574.10	.00	.00	-.01	-.01	-1.00	166.00	.00
790925	8.70	580.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	166.00	.00
791010	8.60	530.00	4.50	114.00	574.10	23.00	150.00	-.01	-.01	-1.00	171.00	-.10
791023	8.60	530.00	.00	.00	574.10	19.00	186.00	.00	.00	-1.00	168.00	.00
791106	7.40	490.00	2.50	2.70	574.10	20.00	149.00	.03	.03	-1.00	180.00	-.10
791123	7.90	450.00	.00	.00	574.10	18.00	145.00	.00	.00	-1.00	178.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP4 (204)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
791204	8.20	410.00	1.21	9.60	574.10	19.00	172.00	-.01	-.01	-1.00	172.00	-.10
791218	7.30	440.00	.00	.00	574.10	18.00	286.00	.00	.00	-1.00	172.00	.00
800103	8.45	445.00	1.80	10.90	574.10	28.00	.00	.00	.00	6.00	160.00	-.10
800115	8.40	450.00	.00	.00	574.10	26.00	73.00	.00	.00	-1.00	178.00	.00
800212	7.70	460.00	1.11	3.53	574.10	17.00	169.00	-.01	-.01	-1.00	160.00	-.10
800226	8.15	450.00	.00	.00	574.10	26.00	130.00	.00	.00	-1.00	141.00	.00
800311	8.10	450.00	.90	12.30	574.10	19.00	152.00	-.01	-.01	-1.00	178.00	-.10
800327	7.90	400.00	.00	.00	574.10	22.00	166.00	.00	.00	-1.00	143.00	.00
800409	8.28	500.00	2.27	76.40	574.10	21.00	146.00	-.01	-.01	6.00	177.00	-.10
800422	8.44	510.00	.00	.00	574.10	23.00	149.00	.00	.00	-1.00	171.00	.00
800507	7.28	490.00	-.01	-.01	574.10	22.00	179.00	-.01	-.01	-1.00	165.00	.16
800520	8.04	590.00	.00	.00	574.10	10.00	154.00	.00	.00	-1.00	116.00	.00
800604	8.32	600.00	18.70	25.10	574.10	27.00	169.00	-.01	-.01	-1.00	171.00	.12
800618	8.23	490.00	.00	.00	574.10	21.00	141.00	.00	.00	-1.00	146.00	.00
800702	7.89	510.00	1.59	4.72	574.10	24.00	107.00	-.01	-.01	-1.00	153.00	-.10
800715	8.19	540.00	.00	.00	574.10	25.00	178.00	.00	.00	-1.00	154.00	.00
800729	8.16	560.00	.00	.00	574.10	22.00	190.00	.00	.00	-1.00	153.00	.00
800811	8.05	660.00	3.10	4.50	574.10	27.00	176.00	-.01	-.01	-1.00	140.00	.13
800825	8.61	445.00	.00	.00	574.10	27.00	162.00	.00	.00	-1.00	108.00	.00
800910	8.17	510.00	.41	24.00	574.10	28.00	163.00	-.01	-.01	-1.00	134.00	-.10
800923	8.35	500.00	.00	.00	574.10	27.00	153.00	.00	.00	-1.00	140.00	.00
801008	7.90	450.00	.00	.00	574.10	36.00	154.00	.00	.00	-1.00	110.00	.00
801021	8.14	500.00	.00	.00	574.10	28.00	143.00	.00	.00	-1.00	134.00	.00
820311	7.70	.00	.00	.00	574.10	19.00	170.00	.00	.00	.00	.00	.00
820510	7.50	.00	.00	.00	574.10	19.00	336.00	.00	.00	.00	.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP4 (204)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
820727	7.20	450.00	.00	.00	574.10	21.00	147.00	.00	.00	-1.00	90.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP5 (205)

DATE	PH	COND UMOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
710317	.00	.00	.00	.00	.00	8.00	.00	.00	.00	.00	.00	.00
710325	.00	.00	.00	.00	.00	8.00	.00	.00	.00	.00	.00	.00
710407	.00	.00	.00	.00	.00	148.00	.00	.00	.00	.00	.00	.00
710408	.00	.00	.00	.00	.00	100.00	.00	.00	.00	.00	.00	.00
710409	.00	.00	.00	.00	.00	96.00	.00	.00	.00	.00	.00	.00
710410	.00	.00	.00	.00	.00	200.00	.00	.00	.00	.00	.00	.00
710411	.00	.00	.00	.00	.00	160.00	.00	.00	.00	.00	.00	.00
710412	.00	.00	.00	.00	.00	128.00	.00	.00	.00	.00	.00	.00
710413	.00	.00	.00	.00	.00	190.00	.00	.00	.00	.50	.00	.00
710414	.00	.00	.00	.00	.00	398.00	.00	.00	.00	.00	.00	.00
710415	.00	.00	.00	.00	.00	310.00	.00	.00	.00	.00	.00	.00
710416	.00	.00	.00	.00	.00	172.00	.00	.00	.00	.00	.00	.00
710417	.00	.00	.00	.00	.00	286.00	.00	.00	.00	.00	.00	.00
710418	.00	.00	.00	.00	.00	306.00	.00	.00	.00	.00	.00	.00
710420	.00	.00	.00	.00	.00	197.00	.00	.00	.00	.00	.00	.00
710422	.00	.00	.00	.00	.00	210.00	.00	.00	.00	.00	.00	.00
710425	.00	.00	.00	.00	.00	179.00	.00	.00	.00	.00	.00	.00
710502	.00	.00	.00	.00	.00	176.00	.00	.00	.00	.00	.00	.00
710516	.00	.00	.00	.00	.00	4.80	.00	.00	.00	.00	.00	.00
710517	.00	.00	.00	.00	.00	.50	.00	.00	.00	.00	.00	.00
710518	.00	.00	.00	.00	.00	30.50	.00	.00	.00	.00	.00	.00
710519	.00	.00	.00	.00	.00	6.00	.00	.00	.00	.00	.00	.00
710520	.00	.00	.00	.00	.00	46.50	.00	.00	.00	.00	.00	.00
710521	.00	.00	.00	.00	.00	37.00	.00	.00	.00	.00	.00	.00
710522	.00	.00	.00	.00	.00	43.90	.00	.00	.00	.00	.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OPS (205)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAY PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
710523	.00	.00	.00	.00	.00	53.00	.00	.00	.00	.00	.00	.00
710524	.00	.00	.00	.00	.00	135.00	.00	.00	.00	.00	.00	.00
710525	.00	.00	.00	.00	.00	124.00	.00	.00	.00	.00	.00	.00
710526	.00	.00	.00	.00	.00	65.00	.00	.00	.00	.00	.00	.00
710527	.00	.00	.00	.00	.00	96.00	.00	.00	.00	.00	.00	.00
710528	.00	.00	.00	.00	.00	108.00	.00	.00	.00	.00	.00	.00
710529	.00	.00	.00	.00	.00	106.00	.00	.00	.00	.00	.00	.00
710530	.00	.00	.00	.00	.00	104.00	.00	.00	.00	.00	.00	.00
710531	.00	.00	.00	.00	.00	99.00	.00	.00	.00	.00	.00	.00
710601	.00	.00	.00	.00	.00	96.00	.00	.00	.00	.00	.00	.00
710602	.00	.00	.00	.00	.00	96.00	.00	.00	.00	.00	.00	.00
710603	.00	.00	.00	.00	.00	88.00	.00	.00	.00	.00	.00	.00
710604	.00	.00	.00	.00	.00	92.00	.00	.00	.00	.00	.00	.00
710605	.00	.00	.00	.00	.00	91.00	.00	.00	.00	.00	.00	.00
710606	.00	.00	.00	.00	.00	90.00	.00	.00	.00	.00	.00	.00
710608	.00	.00	.00	.00	.00	89.00	.00	.00	.00	.00	.00	.00
710609	.00	.00	.00	.00	.00	80.00	.00	.00	.00	.00	.00	.00
710610	.00	.00	.00	.00	.00	80.00	.00	.00	.00	.00	.00	.00
710611	.00	.00	.00	.00	.00	56.00	.00	.00	.00	.00	.00	.00
710612	.00	.00	.00	.00	.00	84.00	.00	.00	.00	.00	.00	.00
710613	.00	.00	.00	.00	.00	86.00	.00	.00	.00	.00	.00	.00
710614	.00	.00	.00	.00	.00	84.00	.00	.00	.00	.00	.00	.00
710615	.00	.00	.00	.00	.00	75.00	.00	.00	.00	.00	.00	.00
710616	.00	.00	.00	.00	.00	76.00	.00	.00	.00	.00	.00	.00
710620	.00	.00	.00	.00	.00	80.00	.00	.00	.00	.00	.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OPS (205)

DATE	PH	COND UHOM/CM	RA226 PCI/L	734230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
730711	9.52	.00	.00	.00	500615.00	.00	.00	.00	.00	11271.00	17148.00	.00
730712	.00	.00	.00	.00	463873.00	.00	.00	.00	.00	.00	.00	.00
730713	.00	.00	.00	.00	482244.00	.00	.00	.00	.00	.00	.00	.00
730714	9.40	.00	.00	.00	456410.00	.00	.00	.00	.00	14095.00	13353.00	.00
730715	9.56	.00	.00	.00	457558.00	.00	.00	.00	.00	12298.00	17377.00	.00
730716	.00	.00	.00	.00	417371.00	.00	.00	.00	.00	.00	.00	.00
730717	.00	.00	.00	.00	563766.00	.00	.00	.00	.00	.00	.00	.00
730718	9.56	.00	.00	.00	455835.00	.00	.00	.00	.00	12355.00	17405.00	.00
730723	9.47	.00	.00	.00	407037.00	.00	.00	.00	.00	12127.00	17120.00	.00
730724	9.59	.00	.00	.00	469614.00	.00	.00	.00	.00	9958.00	17576.00	.00
730725	9.50	.00	.00	.00	482818.00	.00	.00	.00	.00	9416.00	17548.00	.00
730727	9.60	.00	.00	.00	492578.00	.00	.00	.00	.00	10814.00	17919.00	.00
730730	9.70	.00	.00	.00	494300.00	.00	.00	.00	.00	13639.00	13353.00	.00
730731	9.80	.00	.00	.00	403018.00	.00	.00	.00	.00	11984.00	13382.00	.00
730801	.00	.00	.00	.00	414500.00	.00	.00	.00	.00	.00	.00	.00
730802	9.90	.00	.00	.00	530468.00	.00	.00	.00	.00	12212.00	14866.00	.00
730804	9.60	.00	.00	.00	525302.00	.00	.00	.00	.00	12212.00	15636.00	.00
730805	9.65	.00	.00	.00	539654.00	.00	.00	.00	.00	11527.00	15636.00	.00
730807	9.51	.00	.00	.00	510375.00	.00	.00	.00	.00	10158.00	18546.00	.00
730808	9.47	.00	.00	.00	486263.00	.00	.00	.00	.00	9872.00	19631.00	.00
730812	9.47	.00	.00	.00	517690.00	.00	.00	.00	.00	9416.00	19973.00	.00
730813	.00	.00	.00	.00	430575.00	.00	.00	.00	.00	.00	.00	.00
730814	.00	.00	.00	.00	425982.00	.00	.00	.00	.00	.00	.00	.00
730822	.00	.00	.00	.00	417371.00	.00	.00	.00	.00	.00	.00	.00
730823	9.58	.00	.00	.00	390388.00	.00	.00	.00	.00	8931.00	24396.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP5 (205)

DATE	PH	COND UMOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	C03 MG/L	HCO3 MG/L	NH3 MG/L
730824	9.60	.00	.00	.00	403018.00	.00	.00	.00	.00	12212.00	7618.00	.00
730825	9.55	.00	.00	.00	430575.00	.00	.00	.00	.00	11413.00	11270.00	.00
730826	9.55	.00	.00	.00	474207.00	.00	.00	.00	.00	11699.00	11556.00	.00
730827	9.90	.00	.00	.00	462576.00	.00	.00	.00	.00	9387.00	24295.00	.00
730828	.00	.00	.00	.00	412204.00	.00	.00	.00	.00	.00	.00	.00
730829	9.40	.00	.00	.00	477781.00	.00	.00	.00	.00	11727.00	17148.00	.00
730830	.00	.00	.00	.00	499467.00	.00	.00	.00	.00	.00	.00	.00
730831	.00	.00	.00	.00	420241.00	.00	.00	.00	.00	.00	.00	.00
730901	9.56	.00	.00	.00	461576.00	.00	.00	.00	.00	11271.00	13724.00	.00
730902	9.95	.00	.00	.00	336997.00	.00	.00	.00	.00	14095.00	16406.00	.00
730903	9.70	.00	.00	.00	543099.00	.00	.00	.00	.00	11756.00	17548.00	.00
730904	9.65	.00	.00	.00	462576.00	.00	.00	.00	.00	13382.00	12983.00	.00
730905	.00	.00	.00	.00	548840.00	.00	.00	.00	.00	.00	.00	.00
730906	9.61	.00	.00	.00	491430.00	.00	.00	.00	.00	11670.00	16178.00	.00
730907	9.59	.00	.00	.00	477651.00	.00	.00	.00	.00	10614.00	16264.00	.00
730908	9.52	.00	.00	.00	487985.00	.00	.00	.00	.00	11699.00	16178.00	.00
730909	9.59	.00	.00	.00	467317.00	.00	.00	.00	.00	11470.00	17548.00	.00
730910	9.70	.00	.00	.00	471910.00	.00	.00	.00	.00	11271.00	17919.00	.00
730911	.00	.00	.00	.00	482818.00	.00	.00	.00	.00	.00	.00	.00
730912	.00	.00	.00	.00	485540.00	.00	.00	.00	.00	.00	.00	.00
730913	9.40	.00	.00	.00	493152.00	.00	.00	.00	.00	11270.00	17919.00	.00
730914	9.55	.00	.00	.00	458132.00	.00	.00	.00	.00	11984.00	14866.00	.00
730915	9.90	.00	.00	.00	467892.00	.00	.00	.00	.00	11527.00	14694.00	.00
730916	9.70	.00	.00	.00	467743.00	.00	.00	.00	.00	10814.00	16007.00	.00
730917	9.35	.00	.00	.00	405315.00	.00	.00	.00	.00	11271.00	17548.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP5 (205)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	304 MG/L	AS MG/L	SE MG/L	CO3 MG/L	MC03 MG/L	NH3 MG/L
750424	.00	.00	.00	.00	155581.00	.00	.00	.00	.00	.00	.00	.00
750425	.00	.00	.00	.00	156729.00	.00	.00	.00	.00	.00	.00	.00
750426	.00	.00	.00	.00	156452.00	.00	.00	.00	.00	.00	.00	.00
750427	.00	.00	.00	.00	156155.00	.00	.00	.00	.00	.00	.00	.00
750428	.00	.00	.00	.00	157303.41	.00	.00	.00	.00	855.99	3423.96	.00
750429	.00	.00	.00	.00	158452.00	.00	.00	.00	.00	.00	.00	.00
750430	.00	.00	.00	.00	157303.00	.00	.00	.00	.00	.00	.00	.00
750501	.00	.00	.00	.00	157303.00	.00	.00	.00	.00	.00	.00	.00
750502	.00	.00	.00	.00	159600.00	.00	.00	.00	.00	.00	.00	.00
750503	.00	.00	.00	.00	159600.00	.00	.00	.00	.00	.00	.00	.00
750504	.00	.00	.00	.00	159026.00	.00	.00	.00	.00	.00	.00	.00
750505	.00	.00	.00	.00	157877.50	.00	.00	.00	.00	1997.31	2567.97	.00
750507	.00	.00	.00	.00	155007.00	.00	.00	.00	.00	.00	.00	.00
750508	.00	.00	.00	.00	155561.00	.00	.00	.00	.00	.00	.00	.00
750509	.00	.00	.00	.00	156729.00	.00	.00	.00	.00	.00	.00	.00
750510	.00	.00	.00	.00	148692.00	.00	.00	.00	.00	.00	.00	.00
750511	.00	.00	.00	.00	130414.00	.00	.00	.00	.00	.00	.00	.00
750512	.00	.00	.00	.00	142950.91	.00	.00	.00	.00	1997.31	2567.97	.00
750513	.00	.00	.00	.00	148692.00	.00	.00	.00	.00	.00	.00	.00
750514	.00	.00	.00	.00	147544.00	.00	.00	.00	.00	.00	.00	.00
750515	.00	.00	.00	.00	148118.00	.00	.00	.00	.00	.00	.00	.00
750516	.00	.00	.00	.00	142951.00	.00	.00	.00	.00	.00	.00	.00
750517	.00	.00	.00	.00	143525.00	.00	.00	.00	.00	.00	.00	.00
750518	.00	.00	.00	.00	142377.00	.00	.00	.00	.00	.00	.00	.00
750519	.00	.00	.00	.00	140654.50	.00	.00	.00	.00	855.99	2567.97	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OPS (205)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
751110	.00	.00	.00	.00	23536.00	.00	.00	.00	.00	.00	.00	.00
751111	.00	.00	.00	.00	25635.00	.00	.00	.00	.00	.00	.00	.00
751113	.00	.00	.00	.00	44206.00	.00	.00	.00	.00	.00	.00	.00
751114	.00	.00	.00	.00	47650.00	.00	.00	.00	.00	.00	.00	.00
751115	.00	.00	.00	.00	48224.00	.00	.00	.00	.00	.00	.00	.00
751116	.00	.00	.00	.00	45353.90	.00	.00	.00	.00	.00	1263.99	.00
751117	.00	.00	.00	.00	47076.00	.00	.00	.00	.00	.00	.00	.00
751118	.00	.00	.00	.00	52243.00	.00	.00	.00	.00	.00	.00	.00
751119	.00	.00	.00	.00	48224.00	.00	.00	.00	.00	.00	.00	.00
751120	.00	.00	.00	.00	49373.00	.00	.00	.00	.00	.00	.00	.00
751121	.00	.00	.00	.00	41335.00	.00	.00	.00	.00	.00	.00	.00
751122	.00	.00	.00	.00	41909.00	.00	.00	.00	.00	.00	.00	.00
751123	.00	.00	.00	.00	40187.00	.00	.00	.00	.00	.00	.00	.00
751124	.00	.00	.00	.00	56262.00	.00	.00	.00	.00	.00	.00	.00
751125	.00	.00	.00	.00	46502.00	.00	.00	.00	.00	.00	.00	.00
751126	.00	.00	.00	.00	43058.00	.00	.00	.00	.00	.00	.00	.00
751128	.00	.00	.00	.00	39039.00	.00	.00	.00	.00	.00	.00	.00
751129	.00	.00	.00	.00	44780.00	.00	.00	.00	.00	.00	.00	.00
751130	.00	.00	.00	.00	40976.00	.00	.00	.00	.00	.00	.00	.00
751201	.00	.00	.00	.00	44779.80	.00	.00	.00	.00	199.73	796.92	.00
751202	.00	.00	.00	.00	47650.00	.00	.00	.00	.00	.00	.00	.00
751204	.00	.00	.00	.00	44780.00	.00	.00	.00	.00	.00	.00	.00
751205	.00	.00	.00	.00	42483.00	.00	.00	.00	.00	.00	.00	.00
751206	.00	.00	.00	.00	40187.00	.00	.00	.00	.00	.00	.00	.00
751207	8.79	.00	.00	.00	48224.00	.00	.00	.00	.00	200.00	1141.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OPS (205)

DATE	PH	COND UHOM/CH	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	C03 MG/L	HC03 MG/L	NH3 MG/L
751208	.00	.00	.00	.00	40761.00	.00	.00	.00	.00	.00	.00	.00
751209	.00	.00	.00	.00	43632.00	.00	.00	.00	.00	.00	.00	.00
751210	.00	.00	.00	.00	43632.00	.00	.00	.00	.00	.00	.00	.00
751211	.00	.00	.00	.00	41335.00	.00	.00	.00	.00	.00	.00	.00
751212	.00	.00	.00	.00	41335.00	.00	.00	.00	.00	.00	.00	.00
751213	.00	.00	.00	.00	43058.00	.00	.00	.00	.00	.00	.00	.00
751214	.00	.00	.00	.00	44206.00	.00	.00	.00	.00	.00	.00	.00
751215	.00	.00	.00	.00	43057.50	.00	.00	.00	.00	199.73	656.26	.00
751216	.00	.00	.00	.00	41335.00	.00	.00	.00	.00	.00	.00	.00
751217	.00	.00	.00	.00	32724.00	.00	.00	.00	.00	.00	.00	.00
751218	.00	.00	.00	.00	40761.00	.00	.00	.00	.00	.00	.00	.00
751220	.00	.00	.00	.00	43058.00	.00	.00	.00	.00	.00	.00	.00
751221	.00	.00	.00	.00	38465.00	.00	.00	.00	.00	.00	.00	.00
751222	.00	.00	.00	.00	43057.50	.00	.00	.00	.00	199.73	485.06	.00
751223	.00	.00	.00	.00	35020.00	.00	.00	.00	.00	.00	.00	.00
751229	.00	.00	.00	.00	45928.00	.00	.00	.00	.00	.00	.00	.00
760104	.00	.00	.00	.00	2149.60	.00	.00	.00	.00	.00	.00	.00
760115	.00	.00	.00	.00	50520.80	.00	.00	.00	.00	199.73	656.26	.00
760209	.00	.00	.00	.00	41909.30	.00	.00	.00	.00	8.56	656.26	.00
760222	.00	.00	.00	.00	39038.80	.00	.00	.00	.00	26.53	684.79	.00
760307	.00	.00	.00	.00	36168.30	.00	.00	.00	.00	285.30	684.79	.00
760324	.00	.00	.00	.00	32723.70	.00	.00	.00	.00	171.20	399.46	.00
760330	.00	.00	.00	.00	33871.90	.00	.00	.00	.00	.00	656.26	.00
760404	.00	.00	.00	.00	31575.50	.00	.00	.00	.00	171.20	513.59	.00
760410	.00	.00	.00	.00	33020.10	.00	.00	.00	.00	114.13	741.86	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OPS (205)

DATE	PH	COND UMDM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	C03 MG/L	HC03 MG/L	NH3 MG/L
760416	.00	.00	.00	.00	44205.70	.00	.00	.00	.00	114.13	656.26	.00
760429	.00	.00	.00	.00	38464.70	.00	.00	.00	.00	171.20	684.79	.00
760502	.00	.00	.00	.00	43631.60	.00	.00	.00	.00	256.80	513.59	.00
760508	.00	.00	.00	.00	33871.90	.00	.00	.00	.00	199.23	770.39	.00
760511	.00	.00	.00	.00	32723.70	.00	.00	.00	.00	82.75	579.22	.00
760517	.00	.00	.00	.00	39036.80	.00	.00	.00	.00	57.07	684.79	.00
760526	.00	.00	.00	.00	35464.70	.00	.00	.00	.00	57.07	741.86	.00
760603	.00	.00	.00	.00	40187.00	.00	.00	.00	.00	57.07	884.52	.00
760610	.00	.00	.00	.00	42483.40	.00	.00	.00	.00	.00	199.73	.00
760622	.00	.00	.00	.00	39612.90	.00	.00	.00	.00	57.07	741.86	.00
760630	.00	.00	.00	.00	40761.10	.00	.00	.00	.00	57.07	713.33	.00
760709	.00	.00	.00	.00	36168.30	.00	.00	.00	.00	85.60	684.79	.00
760714	.00	.00	.00	.00	35594.20	.00	.00	.00	.00	85.60	684.79	.00
760722	.00	.00	.00	.00	35020.10	.00	.00	.00	.00	57.07	684.79	.00
760819	.00	.00	.00	.00	32723.70	.00	.00	.00	.00	51.00	506.00	.00
761124	.00	.00	.00	.00	8037.40	.00	.00	.00	.00	.00	.00	.00
761203	.00	.00	.00	.00	20667.60	.00	.00	.00	.00	.00	399.46	.00
761207	.00	.00	.00	.00	21241.70	.00	.00	.00	.00	11.00	207.00	.00
761220	.00	.00	.00	.00	25834.50	.00	.00	.00	.00	24.00	436.00	.00
761229	.00	.00	.00	.00	34446.00	.00	.00	.00	.00	.00	.00	.00
770106	.00	.00	.00	.00	26408.60	.00	.00	.00	.00	82.75	573.51	.00
770113	.00	.00	.00	.00	31575.50	.00	.00	.00	.00	39.95	582.07	.00
770130	.00	.00	.00	.00	34446.00	.00	.00	.00	.00	34.00	456.00	.00
770214	.00	.00	.00	.00	34446.00	.00	.00	.00	.00	6.00	517.00	.00
770218	.00	.00	.00	.00	36464.70	.00	.00	.00	.00	.00	.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OPS (205)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
770227	.00	.00	.00	.00	35020.10	.00	.00	.00	.00	47.00	519.00	.00
770301	.00	.00	.00	.00	44205.70	.00	.00	.00	.00	39.95	758.98	.00
770306	.00	.00	.00	.00	12056.10	.00	.00	.00	.00	14.00	266.00	.00
770312	.00	.00	.00	.00	42483.40	.00	.00	.00	.00	59.92	713.33	.00
770325	.00	.00	.00	.00	13776.40	.00	.00	.00	.00	.00	156.00	.00
770404	.00	.00	.00	.00	26408.60	.00	.00	.00	.00	.00	.00	.00
770408	.00	.00	.00	.00	31575.50	.00	.00	.00	.00	.00	.00	.00
770420	.00	.00	.00	.00	33871.90	.00	.00	.00	.00	79.89	542.13	.00
770421	.00	.00	.00	.00	33871.90	.00	.00	.00	.00	10.00	174.00	.00
770426	.00	.00	.00	.00	24112.20	.00	.00	.00	.00	21.00	42.00	.00
770512	.00	.00	.00	.00	23538.10	.00	.00	.00	.00	162.64	1032.89	.00
770521	.00	.00	.00	.00	39612.90	.00	.00	.00	.00	.00	.00	.00
770530	.00	.00	.00	.00	25260.40	.00	.00	.00	.00	.00	.00	.00
770616	.00	.00	.00	.00	20093.50	.00	.00	.00	.00	105.57	564.95	.00
770623	.00	.00	.00	.00	24112.20	.00	.00	.00	.00	.00	.00	.00
770708	.00	.00	.00	.00	37690.60	.00	.00	.00	.00	.00	.00	.00
770721	.00	.00	.00	.00	18371.20	.00	.00	.00	.00	.00	.00	.00
770728	.00	.00	.00	.00	18945.30	.00	.00	.00	.00	.00	.00	.00
770804	.00	.00	.00	.00	16074.60	.00	.00	.00	.00	.00	.00	.00
780215	7.65	.00	140.00	.00	1722.30	.00	.00	.01	.00	-11.00	171.00	.00
780223	8.10	.00	.00	.00	1722.30	.00	.00	.00	.00	-1.00	183.00	.00
780308	8.11	.00	150.00	.00	13204.30	.00	.00	.02	.01	-11.00	243.00	.00
780315	7.75	.00	.00	.00	14926.60	.00	.00	.00	.00	-11.00	368.00	.00
780323	8.63	.00	.00	.00	14352.50	.00	.00	.00	.00	-11.00	366.00	.00
780329	7.74	.00	.00	.00	4018.70	.00	.00	.00	.00	-11.00	183.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OPS (205)

DATE	PH	COND UMOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
780406	6.18	.00	300.00	.00	6889.20	.00	.00	.06	.02	-11.00	214.00	.00
780411	6.58	.00	.00	.00	14352.50	.00	.00	.00	.00	-11.00	306.00	.00
780423	8.78	.00	.00	.00	13204.30	.00	.00	.00	.00	31.00	306.00	.00
780427	8.71	.00	.00	.00	13204.30	.00	.00	.00	.00	14.00	331.00	.00
780622	7.24	.00	250.00	.00	574.10	.00	.00	.02	.01	-11.00	151.00	.00
780629	8.44	.00	.00	.00	8611.50	.00	.00	.00	.00	31.00	123.00	.00
780706	8.79	.00	280.00	.00	12630.20	.00	.00	.05	.01	60.00	314.00	.00
780713	8.49	.00	.00	.00	14352.50	.00	.00	.00	.00	31.00	183.00	.00
780720	8.47	.00	.00	.00	13778.60	.00	.00	.00	.00	-11.00	334.00	.00
780727	6.50	.00	.00	.00	13204.30	.00	.00	.00	.00	31.00	289.00	.00
780803	9.66	.00	270.00	.00	30427.30	.00	.00	.03	.00	240.00	763.00	.00
780810	8.46	.00	.00	.00	13778.40	.00	.00	.00	.00	-11.00	366.00	.00
780817	8.64	.00	.00	.00	14926.60	.00	.00	.00	.00	14.00	306.00	.00
780825	8.08	.00	.00	.00	13204.30	.00	.00	.00	.00	-11.00	506.00	.00
780831	8.25	.00	270.00	.00	11482.00	.00	.00	.03	.00	-11.00	306.00	.00
780907	8.20	.00	.00	.00	11482.00	.00	.00	.00	.00	-11.00	306.00	.00
780914	8.60	.00	.00	.00	5741.00	.00	.00	.00	.00	-11.00	268.00	.00
780921	8.25	.00	.00	.00	3166.90	.00	.00	.00	.00	-11.00	243.00	.00
780928	6.58	.00	280.00	.00	13204.30	.00	.00	.06	.00	-11.00	306.00	.00
781005	8.23	.00	.00	.00	12630.20	.00	.00	.00	.00	-11.00	306.00	.00
781012	8.20	.00	.00	.00	13204.30	.00	.00	.00	.00	-11.00	334.00	.00
790220	7.90	.00	240.00	72.00	1148.20	.00	.00	.01	.01	-1.00	152.00	.00
790313	8.30	.00	320.00	59.00	9185.60	.00	.00	.03	.01	2.00	231.00	.00
790329	7.60	.00	.00	.00	1722.30	.00	.00	.00	.00	-1.00	171.00	.00
790403	7.00	.00	300.00	27.00	2296.40	.00	.00	.03	.00	-1.00	178.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OPS (205)

DATE	PH	COND UMOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
790417	8.50	550.00	.00	.00	11482.00	.00	.00	.00	.00	-1.00	357.00	.00
790501	7.90	500.00	.00	.00	12630.20	.00	.00	.02	-.01	-1.00	364.00	.00
790515	7.85	555.00	.00	.00	13204.30	.00	.00	.00	.00	-1.00	278.00	.00
790613	8.10	575.00	.00	.00	13204.30	14.00	202.00	-.01	-.01	3.00	271.00	.00
790626	7.80	675.00	.00	.00	12630.20	.00	.00	.00	.00	5.00	278.00	.00
790710	7.70	610.00	.00	.00	13204.30	.00	.00	.02	-.01	3.00	271.00	.00
790726	7.30	625.00	.00	.00	13778.40	.00	.00	.00	.00	6.00	284.00	.00
791204	5.60	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
791218	5.60	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
800103	6.60	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
800115	6.50	500.00	.00	.00	12056.10	.00	.00	.00	.00	-1.00	209.00	.00
800201	6.20	600.00	.00	.00	12630.20	40.00	97.00	.00	.00	-1.00	227.00	.00
800213	6.72	520.00	56.90	8.78	574.10	86.00	119.00	-.01	-.01	-1.00	147.00	.25
800227	7.70	650.00	.00	.00	2296.40	140.00	113.00	.00	.00	-1.00	147.00	.00
800312	7.68	520.00	3.70	13.20	574.10	111.00	74.00	-.01	-.01	-1.00	129.00	.11
800327	7.77	460.00	.00	.00	574.10	61.00	124.00	.00	.00	-1.00	128.00	.00
800409	7.71	450.00	17.20	13.30	1722.30	80.00	123.00	-.01	-.01	-1.00	152.00	.87
800422	8.25	550.00	.00	.00	574.10	68.00	142.00	.00	.00	-1.00	159.00	.00
800506	6.97	575.00	11.80	15.10	574.10	57.00	111.00	.01	-.01	-1.00	146.00	.21
800528	7.33	430.00	.00	.00	574.10	62.00	95.00	.00	.00	-1.00	116.00	.00
800605	7.68	500.00	126.40	25.20	4592.80	48.00	107.00	-.01	-.01	-1.00	116.00	.20
800617	8.04	525.00	.00	.00	3444.60	42.00	125.00	.00	.00	-1.00	146.00	.00
800703	7.82	530.00	17.90	27.40	2870.50	29.00	100.00	-.01	-.01	-1.00	169.00	-.10
800715	7.95	610.00	.00	.00	3444.60	33.00	173.00	.00	.00	-1.00	195.00	.00
800729	7.83	540.00	.00	.00	2296.40	34.00	111.00	.00	.00	-1.00	177.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OPS (205)

DATE	PH	COND UMOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SL MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
800811	8.05	530.00	6.00	1.60	1722.30	34.00	146.00	-.01	-.01	-1.00	183.00	.48
800825	8.50	490.00	.00	.00	2296.40	29.00	116.00	.00	.00	9.00	198.00	.00
800909	8.60	540.00	24.50	26.60	2296.40	28.00	81.00	-.01	-.01	-1.00	238.00	-.10
800923	8.53	450.00	.00	.00	1148.20	26.00	90.00	.00	.00	6.00	186.00	.00
801008	8.20	450.00	.00	.00	1148.20	30.00	111.00	.00	.00	-1.00	146.00	.00
801021	8.17	450.00	.00	.00	1148.20	34.00	92.00	.00	.00	-1.00	183.00	.00
820309	7.60	.00	.00	.00	574.10	54.00	291.00	.00	.00	.00	.00	.00
820510	7.20	.00	.00	.00	574.10	8.00	202.00	.00	.00	.00	.00	.00
820727	6.90	410.00	.00	.00	574.10	15.00	202.00	.00	.00	-1.00	73.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OFs (206)

DATE	PH	COND UMOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
710317	.00	.00	.00	.00	.00	8.00	.00	.00	.00	.00	.00	.00
710325	.00	.00	.00	.00	.00	8.00	.00	.00	.00	.00	.00	.00
710407	.00	.00	.00	.00	.00	10.00	.00	.00	.00	.00	.00	.00
710408	.00	.00	.00	.00	.00	88.00	.00	.00	.00	.00	.00	.00
710409	.00	.00	.00	.00	.00	128.00	.00	.00	.00	.00	.00	.00
710410	.00	.00	.00	.00	.00	148.00	.00	.00	.00	.00	.00	.00
710411	.00	.00	.00	.00	.00	212.00	.00	.00	.00	.00	.00	.00
710412	.00	.00	.00	.00	.00	256.00	.00	.00	.00	.00	.00	.00
710413	.00	.00	.00	.00	.00	208.00	.00	.00	.00	.00	.00	.00
710414	.00	.00	.00	.00	.00	192.00	.00	.00	.00	.00	.00	.00
710415	.00	.00	.00	.00	.00	176.00	.00	.00	.00	.00	.00	.00
710416	.00	.00	.00	.00	.00	176.00	.00	.00	.00	.00	.00	.00
710417	.00	.00	.00	.00	.00	176.00	.00	.00	.00	.00	.00	.00
710418	.00	.00	.00	.00	.00	177.00	.00	.00	.00	.00	.00	.00
710420	.00	.00	.00	.00	.00	184.00	.00	.00	.00	.00	.00	.00
710422	.00	.00	.00	.00	.00	176.00	.00	.00	.00	.00	.00	.00
710425	.00	.00	.00	.00	.00	184.00	.00	.00	.00	.00	.00	.00
710502	.00	.00	.00	.00	.00	188.00	.00	.00	.00	.00	.00	.00
710516	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
710517	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
710518	.00	.00	.00	.00	.00	.60	.00	.00	.00	.00	.00	.00
710519	.00	.00	.00	.00	.00	1.00	.00	.00	.00	.00	.00	.00
710520	.00	.00	.00	.00	.00	11.00	.00	.00	.00	.00	.00	.00
710521	.00	.00	.00	.00	.00	29.40	.00	.00	.00	.00	.00	.00
710522	.00	.00	.00	.00	.00	35.50	.00	.00	.00	.00	.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP6 (206)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
710523	.00	.00	.00	.00	.00	44.00	.00	.00	.00	.00	.00	.00
710524	.00	.00	.00	.00	.00	128.00	.00	.00	.00	.00	.00	.00
710525	.00	.00	.00	.00	.00	120.00	.00	.00	.00	.00	.00	.00
710526	.00	.00	.00	.00	.00	59.00	.00	.00	.00	.00	.00	.00
710527	.00	.00	.00	.00	.00	104.00	.00	.00	.00	.00	.00	.00
710528	.00	.00	.00	.00	.00	106.00	.00	.00	.00	.00	.00	.00
710529	.00	.00	.00	.00	.00	102.00	.00	.00	.00	.00	.00	.00
710530	.00	.00	.00	.00	.00	100.00	.00	.00	.00	.00	.00	.00
710531	.00	.00	.00	.00	.00	99.00	.00	.00	.00	.00	.00	.00
710601	.00	.00	.00	.00	.00	96.00	.00	.00	.00	.00	.00	.00
710602	.00	.00	.00	.00	.00	96.00	.00	.00	.00	.00	.00	.00
710603	.00	.00	.00	.00	.00	104.00	.00	.00	.00	.00	.00	.00
710604	.00	.00	.00	.00	.00	92.00	.00	.00	.00	.00	.00	.00
710605	.00	.00	.00	.00	.00	89.00	.00	.00	.00	.00	.00	.00
710606	.00	.00	.00	.00	.00	92.00	.00	.00	.00	.00	.00	.00
710608	.00	.00	.00	.00	.00	99.00	.00	.00	.00	.00	.00	.00
710609	.00	.00	.00	.00	.00	80.00	.00	.00	.00	.00	.00	.00
710610	.00	.00	.00	.00	.00	84.00	.00	.00	.00	.00	.00	.00
710611	.00	.00	.00	.00	.00	87.00	.00	.00	.00	.00	.00	.00
710612	.00	.00	.00	.00	.00	83.00	.00	.00	.00	.00	.00	.00
710613	.00	.00	.00	.00	.00	84.00	.00	.00	.00	.00	.00	.00
710614	.00	.00	.00	.00	.00	88.00	.00	.00	.00	.00	.00	.00
710615	.00	.00	.00	.00	.00	86.00	.00	.00	.00	.00	.00	.00
710616	.00	.00	.00	.00	.00	86.00	.00	.00	.00	.00	.00	.00
710620	.00	.00	.00	.00	.00	64.00	.00	.00	.00	.00	.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP6 (206)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	C03 MG/L	HCO3 MG/L	NH3 MG/L
730823	9.38	.00	.00	.00	300569.00	.00	.00	.00	.00	10243.00	19602.00	.00
730824	9.70	.00	.00	.00	324941.00	.00	.00	.00	.00	11756.00	19431.00	.00
730825	9.70	.00	.00	.00	372391.00	.00	.00	.00	.00	14266.00	15122.00	.00
730826	9.75	.00	.00	.00	366050.00	.00	.00	.00	.00	14181.00	15265.00	.00
730827	10.00	.00	.00	.00	330682.00	.00	.00	.00	.00	14809.00	12212.00	.00
730828	.00	.00	.00	.00	288198.00	.00	.00	.00	.00	.00	.00	.00
730829	9.50	.00	.00	.00	300828.00	.00	.00	.00	.00	10614.00	16406.00	.00
730830	.00	.00	.00	.00	371443.00	.00	.00	.00	.00	.00	.00	.00
730831	.00	.00	.00	.00	355368.00	.00	.00	.00	.00	.00	.00	.00
730901	.00	.00	.00	.00	369146.00	.00	.00	.00	.00	.00	.00	.00
730902	9.75	.00	.00	.00	459280.00	.00	.00	.00	.00	11756.00	12583.00	.00
730903	9.65	.00	.00	.00	379480.00	.00	.00	.00	.00	13154.00	16777.00	.00
730904	9.68	.00	.00	.00	380814.00	.00	.00	.00	.00	12469.00	16007.00	.00
730905	.00	.00	.00	.00	358664.00	.00	.00	.00	.00	.00	.00	.00
730906	9.83	.00	.00	.00	357664.00	.00	.00	.00	.00	16435.00	17120.00	.00
730907	9.90	.00	.00	.00	345032.00	.00	.00	.00	.00	17120.00	17576.00	.00
730908	9.81	.00	.00	.00	288198.00	.00	.00	.00	.00	16463.00	17576.00	.00
730909	9.70	.00	.00	.00	358813.00	.00	.00	.00	.00	10700.00	16834.00	.00
730910	9.60	.00	.00	.00	390388.00	.00	.00	.00	.00	11984.00	15636.00	.00
730911	.00	.00	.00	.00	346182.00	.00	.00	.00	.00	.00	.00	.00
730912	.00	.00	.00	.00	473058.00	.00	.00	.00	.00	.00	.00	.00
730913	10.00	.00	.00	.00	319200.00	.00	.00	.00	.00	15037.00	14866.00	.00
730914	9.65	.00	.00	.00	338571.00	.00	.00	.00	.00	15037.00	12954.00	.00
730915	9.80	.00	.00	.00	344886.00	.00	.00	.00	.00	14095.00	12954.00	.00
730916	9.62	.00	.00	.00	342738.00	.00	.00	.00	.00	13154.00	16406.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP6 (206)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TM230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
750523	.00	.00	.00	.00	136636.00	.00	.00	.00	.00	.00	.00	.00
750524	.00	.00	.00	.00	137784.00	.00	.00	.00	.00	.00	.00	.00
750525	.00	.00	.00	.00	135488.00	.00	.00	.00	.00	.00	.00	.00
750526	.00	.00	.00	.00	137209.91	.00	.00	.00	1997.31	4279.95	.00	.00
750527	.00	.00	.00	.00	133765.00	.00	.00	.00	.00	.00	.00	.00
750528	.00	.00	.00	.00	133765.00	.00	.00	.00	.00	.00	.00	.00
750530	.00	.00	.00	.00	137210.00	.00	.00	.00	.00	.00	.00	.00
750531	.00	.00	.00	.00	140080.00	.00	.00	.00	.00	.00	.00	.00
750601	.00	.00	.00	.00	135488.00	.00	.00	.00	.00	.00	.00	.00
750602	.00	.00	.00	.00	135487.59	.00	.00	.00	.00	855.99	5135.94	.00
750604	.00	.00	.00	.00	140080.00	.00	.00	.00	.00	.00	.00	.00
750605	.00	.00	.00	.00	140655.00	.00	.00	.00	.00	.00	.00	.00
750607	.00	.00	.00	.00	138932.00	.00	.00	.00	.00	.00	.00	.00
750609	.00	.00	.00	.00	137784.00	.00	.00	.00	.00	855.99	3423.96	.00
750611	.00	.00	.00	.00	128024.00	.00	.00	.00	.00	.00	.00	.00
750612	.00	.00	.00	.00	133765.00	.00	.00	.00	.00	.00	.00	.00
750613	.00	.00	.00	.00	133765.00	.00	.00	.00	.00	.00	.00	.00
750614	.00	.00	.00	.00	132043.00	.00	.00	.00	.00	.00	.00	.00
750615	.00	.00	.00	.00	17691.00	.00	.00	.00	.00	.00	.00	.00
750616	.00	.00	.00	.00	133191.19	.00	.00	.00	.00	285.33	3994.62	.00
750617	.00	.00	.00	.00	130895.00	.00	.00	.00	.00	.00	.00	.00
750618	.00	.00	.00	.00	132043.00	.00	.00	.00	.00	.00	.00	.00
750619	.00	.00	.00	.00	130321.00	.00	.00	.00	.00	.00	.00	.00
750620	.00	.00	.00	.00	136062.00	.00	.00	.00	.00	.00	.00	.00
750622	.00	.00	.00	.00	136061.69	.00	.00	.00	.00	570.66	3138.63	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP6 (206)

DATE	PH	COND UMOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	C03 MG/L	HCO3 MG/L	NH3 MG/L
751210	.00	.00	.00	.00	65447.00	.00	.00	.00	.00	.00	.00	.00
751211	.00	.00	.00	.00	64299.00	.00	.00	.00	.00	.00	.00	.00
751212	.00	.00	.00	.00	62577.00	.00	.00	.00	.00	.00	.00	.00
751213	.00	.00	.00	.00	62003.00	.00	.00	.00	.00	.00	.00	.00
751214	.00	.00	.00	.00	61429.00	.00	.00	.00	.00	.00	.00	.00
751215	9.32	.00	.00	.00	60281.00	.00	.00	.00	.00	399.00	1141.00	.00
751216	.00	.00	.00	.00	60855.00	.00	.00	.00	.00	.00	.00	.00
751217	.00	.00	.00	.00	55114.00	.00	.00	.00	.00	.00	.00	.00
751218	.00	.00	.00	.00	63151.00	.00	.00	.00	.00	.00	.00	.00
751220	.00	.00	.00	.00	59132.00	.00	.00	.00	.00	.00	.00	.00
751221	.00	.00	.00	.00	60855.00	.00	.00	.00	.00	.00	.00	.00
751222	9.20	.00	.00	.00	62003.00	.00	.00	.00	.00	399.00	1455.00	.00
751223	.00	.00	.00	.00	56262.00	.00	.00	.00	.00	.00	.00	.00
760104	.00	.00	.00	.00	53391.30	.00	.00	.00	.00	.00	.00	.00
760115	.00	.00	.00	.00	56261.80	.00	.00	.00	.00	399.46	970.12	.00
760124	.00	.00	.00	.00	49946.70	.00	.00	.00	.00	202.58	1135.61	.00
760209	.00	.00	.00	.00	51094.90	.00	.00	.00	.00	142.67	108.43	.00
760222	.00	.00	.00	.00	53391.30	.00	.00	.00	.00	.00	1169.85	.00
760307	.00	.00	.00	.00	63725.10	.00	.00	.00	.00	171.20	1084.25	.00
760324	.00	.00	.00	.00	55113.60	.00	.00	.00	.00	313.86	827.46	.00
760350	.00	.00	.00	.00	35020.10	.00	.00	.00	.00	.00	570.66	.00
760404	.00	.00	.00	.00	55113.60	.00	.00	.00	.00	171.20	970.12	.00
760410	.00	.00	.00	.00	51669.00	.00	.00	.00	.00	256.80	970.12	.00
760416	.00	.00	.00	.00	60854.60	.00	.00	.00	.00	199.73	970.12	.00
760420	.00	.00	.00	.00	53391.30	.00	.00	.00	.00	313.86	884.52	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP6 (206)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	A3 MG/L	SE MG/L	C03 MG/L	HC03 MG/L	NH3 MG/L
760502	.00	.00	.00	.00	45353.90	.00	.00	.00	.00	399.46	827.46	.00
760508	.00	.00	.00	.00	47076.20	.00	.00	.00	.00	399.46	770.39	.00
760511	.00	.00	.00	.00	44205.70	.00	.00	.00	.00	285.33	807.48	.00
760526	.00	.00	.00	.00	55687.70	.00	.00	.00	.00	313.86	1055.72	.00
760603	.00	.00	.00	.00	44779.80	.00	.00	.00	.00	313.86	1055.72	.00
760610	.00	.00	.00	.00	43057.50	.00	.00	.00	.00	213.86	855.99	.00
760622	.00	.00	.00	.00	49372.60	.00	.00	.00	.00	285.33	827.46	.00
760630	.00	.00	.00	.00	32723.70	.00	.00	.00	.00	285.33	798.92	.00
760709	.00	.00	.00	.00	39036.80	.00	.00	.00	.00	456.53	798.92	.00
760714	.00	.00	.00	.00	40761.10	.00	.00	.00	.00	285.33	798.92	.00
760722	.00	.00	.00	.00	39612.90	.00	.00	.00	.00	285.33	855.99	.00
760819	.00	.00	.00	.00	34446.00	.00	.00	.00	.00	173.00	792.00	.00
760919	.00	.00	.00	.00	49372.60	.00	.00	.00	.00	342.40	1084.25	.00
760925	.00	.00	.00	.00	33297.80	.00	.00	.00	.00	209.00	520.00	.00
761029	.00	.00	.00	.00	28705.00	.00	.00	.00	.00	143.00	489.00	.00
761104	.00	.00	.00	.00	26406.60	.00	.00	.00	.00	152.00	495.00	.00
761115	.00	.00	.00	.00	28130.90	.00	.00	.00	.00	256.80	599.19	.00
761124	.00	.00	.00	.00	27556.80	.00	.00	.00	.00	97.00	.00	.00
761203	.00	.00	.00	.00	27556.80	.00	.00	.00	.00	119.84	542.13	.00
761207	.00	.00	.00	.00	22389.90	.00	.00	.00	.00	.00	477.00	.00
761220	.00	.00	.00	.00	24112.20	.00	.00	.00	.00	71.00	556.00	.00
761229	.00	.00	.00	.00	28130.90	.00	.00	.00	.00	.00	.00	.00
770106	.00	.00	.00	.00	21241.70	.00	.00	.00	.00	245.38	599.19	.00
770113	.00	.00	.00	.00	32149.60	.00	.00	.00	.00	162.64	31.39	.00
770130	.00	.00	.00	.00	28130.90	.00	.00	.00	.00	139.00	519.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP6 (206)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	C03 MG/L	HC03 MG/L	NH3 MG/L
770214	.00	.00	.00	.00	28130.90	.00	.00	.00	.00	104.00	434.00	.00
770218	.00	.00	.00	.00	31001.40	.00	.00	.00	.00	.00	.00	.00
770227	.00	.00	.00	.00	31001.40	.00	.00	.00	.00	.00	477.00	.00
770306	.00	.00	.00	.00	24112.20	.00	.00	.00	.00	50.00	226.00	.00
770312	.00	.00	.00	.00	28705.00	.00	.00	.00	.00	162.64	684.79	.00
770325	.00	.00	.00	.00	10907.90	.00	.00	.00	.00	7.00	136.00	.00
770404	.00	.00	.00	.00	22389.90	.00	.00	.00	.00	.00	.00	.00
770408	.00	.00	.00	.00	27556.80	.00	.00	.00	.00	.00	.00	.00
770420	.00	.00	.00	.00	32149.60	.00	.00	.00	.00	162.64	599.19	.00
770421	.00	.00	.00	.00	.00	.00	.00	.00	.00	10.00	146.00	.00
770426	.00	.00	.00	.00	17797.10	.00	.00	.00	.00	59.00	226.00	.00
770506	.00	.00	.00	.00	41335.20	.00	.00	.00	.00	.00	.00	.00
770512	.00	.00	.00	.00	.00	.00	.00	.00	.00	285.33	1064.28	.00
770530	.00	.00	.00	.00	13778.40	.00	.00	.00	.00	.00	.00	.00
770616	.00	.00	.00	.00	18371.20	.00	.00	.00	.00	202.58	656.26	.00
770623	.00	.00	.00	.00	22389.90	.00	.00	.00	.00	.00	.00	.00
770705	.00	.00	.00	.00	21241.70	.00	.00	.00	.00	.00	.00	.00
770721	.00	.00	.00	.00	17747.10	.00	.00	.00	.00	.00	.00	.00
770728	.00	.00	.00	.00	16371.20	.00	.00	.00	.00	.00	.00	.00
770908	.00	.00	.00	.00	19519.40	.00	.00	.00	.00	.00	.00	.00
770925	.00	.00	.00	.00	17797.10	.00	.00	.00	.00	.00	.00	.00
771004	.00	.00	.00	.00	20667.60	.00	.00	.00	.00	342.40	1252.60	.00
771026	.00	.00	.00	.00	18945.30	.00	.00	.00	.00	.00	.00	.00
771101	.00	.00	.00	.00	17797.10	.00	.00	.41	.13	.00	.00	.00
771117	.00	.00	.00	.00	16648.90	.00	.00	.00	.00	119.84	182.61	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP6 (206)

DATE	PH	CONC UHOM/CH	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	C03 MG/L	HCO3 MG/L	NH3 MG/L
771128	8.00	.00	.00	.00	21615.80	.00	.00	.00	.00	119.84	425.14	.00
771208	8.00	.00	.00	.00	18371.20	.00	.00	.18	.09	.00	.00	.00
780423	8.16	.00	32.00	.00	4016.70	.00	.00	.01	.03	-11.00	214.00	.00
780427	8.36	.00	.00	.00	3444.60	.00	.00	.00	.00	-11.00	214.00	.00
780525	8.79	.00	18.00	.00	574.10	.00	.00	.01	.04	-11.00	163.00	.00
780608	8.58	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	163.00	.00
780614	7.69	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	163.00	.00
780622	8.32	.00	.00	.00	574.10	.00	.00	.00	.00	31.00	163.00	.00
780706	8.63	.00	.00	.00	574.10	.00	.00	.00	.00	31.00	214.00	.00
780810	8.16	.00	.00	.00	8611.50	.00	.00	.00	.00	-11.00	274.00	.00
780817	8.58	.00	.00	.00	8037.40	.00	.00	.00	.00	-11.00	380.00	.00
780825	8.50	.00	.00	.00	574.10	.00	.00	.00	.00	31.00	303.00	.00
780831	8.69	.00	18.00	.00	4592.80	.00	.00	.01	.02	-11.00	306.00	.00
780907	8.78	.00	.00	.00	1148.20	.00	.00	.00	.00	91.00	306.00	.00
780914	8.44	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	214.00	.00
780921	8.36	.00	.00	.00	574.10	.00	.00	.00	.00	14.00	243.00	.00
780928	8.77	.00	16.00	.00	574.10	.00	.00	.00	.01	-11.00	274.00	.00
781005	8.64	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	274.00	.00
781012	7.95	.00	.00	.00	13204.30	.00	.00	.00	.00	-11.00	274.00	.00
781019	7.80	.00	18.00	.00	4592.80	.00	.00	.00	.05	-11.00	274.00	.00
781102	8.16	.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	244.00	.00
781109	8.02	.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	214.00	.00
781117	8.00	.00	5.10	.00	574.10	.00	.00	.04	.02	-1.00	214.00	.00
790118	7.51	.00	.00	.00	3444.60	.00	.00	.00	.00	-1.00	224.00	.00
790220	8.10	.00	19.00	47.00	574.10	.00	.00	.01	.02	-1.00	204.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP6 (206)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	C03 MG/L	HCO3 MG/L	NH3 MG/L
790313	8.50	.00	70.00	71.00	13778.40	.00	.00	.05	.08	13.00	316.00	.00
790403	7.20	.00	.00	92.00	2296.40	.00	.00	-.01	.00	-1.00	244.00	.00
790417	8.90	550.00	.00	.00	1722.30	.00	.00	.00	.00	-1.00	258.00	.00
790513	8.60	560.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
790515	8.30	760.00	.00	.00	25834.50	.00	.00	.00	.00	-1.00	331.00	.00
790613	8.40	760.00	.00	.00	21241.70	13.00	296.00	-.01	.05	3.00	324.00	.00
790627	8.10	575.00	.00	.00	20093.50	.00	.00	.00	.00	3.00	324.00	.00
790710	8.00	700.00	.00	.00	19519.40	.00	.00	-.01	.08	3.00	316.00	.00
790721	.00	.00	.00	.00	95874.70	.00	.00	.00	.00	1711.98	570.66	.00
790726	8.20	750.00	.00	.00	18945.30	.00	.00	.00	.00	3.00	327.00	.00
790728	.00	.00	.00	.00	122657.41	.00	.00	.00	.00	1141.32	1711.98	.00
790804	.00	.00	.00	.00	109079.00	.00	.00	.00	.00	1141.32	2853.30	.00
790811	.00	.00	.00	.00	102189.80	.00	.00	.00	.00	1141.32	3423.96	.00
790818	.00	.00	.00	.00	97597.00	.00	.00	.00	.00	855.99	1711.98	.00
790904	.00	.00	.00	.00	81522.20	.00	.00	.00	.00	570.66	1426.65	.00
790912	.00	.00	.00	.00	77503.50	.00	.00	.00	.00	.00	1997.31	.00
790921	.00	.00	.00	.00	84392.70	.00	.00	.00	.00	570.66	1426.65	.00
790924	.00	.00	.00	.00	82096.30	.00	.00	.00	.00	855.99	855.99	.00
791002	.00	.00	.00	.00	80374.00	.00	.00	.00	.00	285.33	855.99	.00
791007	.00	.00	.00	.00	72336.59	.00	.00	.00	.00	285.33	1283.99	.00
791015	.00	.00	.00	.00	75207.09	.00	.00	.00	.00	199.73	1626.38	.00
791022	.00	.00	.00	.00	71762.50	.00	.00	.00	.00	399.46	1283.99	.00
791027	.00	.00	.00	.00	62002.80	.00	.00	.00	.00	399.46	1283.99	.00
791103	.00	.00	.00	.00	60280.50	.00	.00	.00	.00	599.19	1141.32	.00
791107	.00	.00	.00	.00	60280.50	.00	.00	.00	.00	399.46	1283.99	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP6 (206)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
791116	.00	.00	.00	.00	69466.09	.00	.00	.00	.00	.00	1626.38	.00
791201	.00	.00	.00	.00	62002.80	.00	.00	.00	.00	399.46	1283.99	.00
791204	3.60	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
791215	.00	.00	.00	.00	60280.50	.00	.00	.00	.00	.00	.00	.00
791222	.00	.00	.00	.00	62002.80	.00	.00	.00	.00	399.46	1455.18	.00
791229	.00	.00	.00	.00	58558.20	.00	.00	.00	.00	.00	.00	.00
800202	6.18	600.00	.00	.00	574.10	180.00	139.00	.00	.00	-1.00	52.00	.00
800212	6.29	700.00	26.80	3.25	574.10	181.00	168.00	-.01	-.01	-1.00	18.00	.44
800226	6.38	675.00	.00	.00	574.10	160.00	198.00	.00	.00	-1.00	18.00	.00
800313	6.90	430.00	20.00	16.70	574.10	87.00	162.00	-.01	-.01	-1.00	67.00	.31
800325	6.27	590.00	.00	.00	574.10	196.00	99.00	.00	.00	-1.00	15.00	.00
800409	6.07	650.00	25.70	45.90	574.10	247.00	90.00	-.01	-.01	-1.00	6.00	.32
800422	7.12	650.00	.00	.00	574.10	161.00	121.00	.00	.00	-1.00	25.00	.00
800506	6.77	700.00	25.20	33.80	3444.60	79.00	213.00	-.01	-.01	-1.00	110.00	.43
800528	7.14	550.00	.00	.00	1722.30	74.00	229.00	.00	.00	-1.00	73.00	.00
800603	7.57	750.00	34.40	109.90	3444.60	63.00	100.00	-.01	-.01	-1.00	171.00	.35
800618	7.54	620.00	.00	.00	2870.50	61.00	142.00	.00	.00	-1.00	82.00	.00
800703	7.45	620.00	25.70	15.40	3444.60	60.00	166.00	-.01	-.01	-1.00	104.00	.17
800715	7.22	650.00	.00	.00	3444.60	37.00	17	.00	.00	-1.00	166.00	.00
800729	7.33	560.00	.00	.00	4018.70	41.00	188.00	.00	.00	-1.00	147.00	.00
800811	7.95	590.00	.90	11.10	4592.80	35.00	199.00	-.01	.01	-1.00	146.00	.22
800825	7.85	575.00	.00	.00	4018.70	36.00	192.00	.00	.00	-1.00	183.00	.00
800909	7.55	610.00	8.20	30.70	4018.70	30.00	189.00	-.01	-.01	-1.00	195.00	.24
800923	8.08	550.00	.00	.00	14352.50	30.00	160.00	.00	.00	-1.00	165.00	.00
801008	7.95	560.00	.00	.00	4592.80	34.00	195.00	.00	.00	-1.00	122.00	.00

SOLUTION MINE WELLS
 ORIGINAL PILOT
 OP6 (206)

DATE	PH	COND UMOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
801021	8.08	550.00	.00	.00	4592.80	35.00	172.00	.00	.00	-1.00	165.00	.00
820311	7.70	.00	.00	.00	3444.60	7.00	155.00	.00	.00	.00	.00	.00
820510	8.10	.00	.00	.00	7463.30	8.00	221.00	.00	.00	.00	.00	.00
820727	7.90	640.00	.00	.00	574.10	12.00	168.00	.00	.00	-1.00	233.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
007 (209)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
710408	.00	.00	.00	.00	.00	16.00	.00	.00	.00	.00	.00	.00
710409	.00	.00	.00	.00	.00	12.00	.00	.00	.00	.00	.00	.00
710410	.00	.00	.00	.00	.00	8.00	.00	.00	.00	.00	.00	.00
710411	.00	.00	.00	.00	.00	8.00	.00	.00	.00	.00	.00	.00
710412	.00	.00	.00	.00	.00	8.00	.00	.00	.00	.00	.00	.00
710413	.00	.00	.00	.00	.00	10.00	.00	.00	.00	.00	.00	.00
710414	.00	.00	.00	.00	.00	10.00	.00	.00	.00	.00	.00	.00
710415	.00	.00	.00	.00	.00	8.00	.00	.00	.00	.00	.00	.00
710416	.00	.00	.00	.00	.00	12.00	.00	.00	.00	.00	.00	.00
710417	.00	.00	.00	.00	.00	12.00	.00	.00	.00	.00	.00	.00
710418	.00	.00	.00	.00	.00	13.00	.00	.00	.00	.00	.00	.00
710420	.00	.00	.00	.00	.00	24.00	.00	.00	.00	.00	.00	.00
710422	.00	.00	.00	.00	.00	60.00	.00	.00	.00	.00	.00	.00
710425	.00	.00	.00	.00	.00	21.00	.00	.00	.00	.00	.00	.00
710502	.00	.00	.00	.00	.00	81.00	.00	.00	.00	.00	.00	.00
710516	.00	.00	.00	.00	.00	-0.50	.00	.00	.00	.00	.00	.00
710517	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
710518	.00	.00	.00	.00	.00	.20	.00	.00	.00	.00	.00	.00
710519	.00	.00	.00	.00	.00	.50	.00	.00	.00	.00	.00	.00
710520	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
710521	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
710522	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
710523	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
710524	.00	.00	.00	.00	.00	164.00	.00	.00	.00	.00	.00	.00
710525	.00	.00	.00	.00	.00	164.00	.00	.00	.00	.00	.00	.00

SOLUTION MINE WELLS
 ORIGINAL PILOT
 007 (209)

DATE	PH	COND UMCM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
710526	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
710527	.00	.00	.00	.00	.00	176.00	.00	.00	.00	.00	.00	.00
710528	.00	.00	.00	.00	.00	180.00	.00	.00	.00	.00	.00	.00
710529	.00	.00	.00	.00	.00	164.00	.00	.00	.00	.00	.00	.00
710530	.00	.00	.00	.00	.00	172.00	.00	.00	.00	.00	.00	.00
710531	.00	.00	.00	.00	.00	173.00	.00	.00	.00	.00	.00	.00
710602	.00	.00	.00	.00	.00	160.00	.00	.00	.00	.00	.00	.00
710603	.00	.00	.00	.00	.00	152.00	.00	.00	.00	.00	.00	.00
710604	.00	.00	.00	.00	.00	136.00	.00	.00	.00	.00	.00	.00
710606	.00	.00	.00	.00	.00	131.00	.00	.00	.00	.00	.00	.00
710608	.00	.00	.00	.00	.00	110.00	.00	.00	.00	.00	.00	.00
710609	.00	.00	.00	.00	.00	92.00	.00	.00	.00	.00	.00	.00
710610	.00	.00	.00	.00	.00	100.00	.00	.00	.00	.00	.00	.00
710611	.00	.00	.00	.00	.00	104.00	.00	.00	.00	.00	.00	.00
710612	.00	.00	.00	.00	.00	88.00	.00	.00	.00	.00	.00	.00
710613	.00	.00	.00	.00	.00	98.00	.00	.00	.00	.00	.00	.00
710614	.00	.00	.00	.00	.00	97.00	.00	.00	.00	.00	.00	.00
710615	.00	.00	.00	.00	.00	96.00	.00	.00	.00	.00	.00	.00
710616	.00	.00	.00	.00	.00	92.00	.00	.00	.00	.00	.00	.00
710620	.00	.00	.00	.00	.00	92.00	.00	.00	.00	.00	.00	.00
710621	.00	.00	.00	.00	.00	84.00	.00	.00	.00	.00	.00	.00
710622	.00	.00	.00	.00	.00	80.00	.00	.00	.00	.00	.00	.00
710914	.00	.00	.00	.00	.00	24.00	.00	.00	.00	.00	.00	.00
710924	.00	.00	.00	.00	.00	60.00	.00	.00	.00	.00	.00	.00
720807	9.68	.00	.00	.00	.00	.00	.00	.00	.00	.00	1712.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
007 (209)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
720817	10.25	.00	.00	.00	.00	.00	.00	.00	.00	.00	685.00	.00
720820	10.30	.00	.00	.00	.00	.00	.00	.70	.00	.00	314.00	.00
730505	9.40	.00	.00	.00	.00	.00	.00	.00	.00	1141.00	.00	.00
730625	10.10	.00	.00	.00	15501.00	.00	.00	.00	.00	3766.00	1141.00	.00
730626	.00	.00	.00	.00	19019.00	.00	.00	.00	.00	.00	.00	.00
730630	.00	.00	.00	.00	45354.00	.00	.00	.00	.00	.00	.00	.00
730705	.00	.00	.00	.00	48224.00	.00	.00	.00	.00	.00	.00	.00
730716	.00	.00	.00	.00	58558.00	.00	.00	.00	.00	.00	.00	.00
730726	9.74	.00	.00	.00	68318.00	.00	.00	.00	.00	9359.00	17234.00	.00
730802	10.10	.00	.00	.00	67596.00	.00	.00	.00	.00	10329.00	6106.00	.00
730807	10.08	.00	.00	.00	49947.00	.00	.00	.00	.00	.00	9986.00	6135.00
730813	.00	.00	.00	.00	47076.00	.00	.00	.00	.00	.00	.00	.00
730825	9.50	.00	.00	.00	48224.00	.00	.00	.00	.00	5650.00	3424.00	.00
730904	9.80	.00	.00	.00	45928.00	.00	.00	.00	.00	6591.00	8016.00	.00
730912	9.65	.00	.00	.00	44206.00	.00	.00	.00	.00	5707.00	7989.00	.00
730918	9.50	.00	.00	.00	45928.00	.00	.00	.00	.00	4708.00	9530.00	.00
730927	9.75	.00	.00	.00	52817.00	.00	.00	.00	.00	3281.00	11442.00	.00
731010	9.70	.00	.00	.00	48799.00	.00	.00	.00	.00	5650.00	1458.00	.00
731022	9.85	.00	.00	.00	53391.00	.00	.00	.00	.00	6106.00	6477.00	.00
731110	9.62	.00	.00	.00	45354.00	.00	.00	.00	.00	5164.00	6876.00	.00
731121	9.70	.00	.00	.00	36168.00	.00	.00	.00	.00	5050.00	7133.00	.00
731217	9.80	.00	.00	.00	12630.00	.00	.00	.00	.00	2340.00	3823.00	.00
740205	.00	.00	.00	.00	6889.00	.00	.00	.00	.00	.00	.00	.00
740327	9.90	.00	.00	.00	1148.00	.00	.00	.00	.00	913.00	.00	.00
740513	11.10	.00	.00	.00	574.00	.00	.00	.00	.00	.00	742.00	.00

SOLUTION MINE WELLS
 ORIGINAL PILOT
 007 (209)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
740520	.00	.00	.00	.00	62003.00	.00	.00	.00	.00	.00	.00	.00
740521	.00	.00	.00	.00	61429.00	.00	.00	.00	.00	.00	.00	.00
740522	.00	.00	.00	.00	66596.00	.00	.00	.00	.00	.00	.00	.00
740531	.00	.00	.00	.00	50521.00	.00	.00	.00	.00	.00	.00	.00
740615	.00	.00	.00	.00	56836.00	.00	.00	.00	.00	.00	.00	.00
740704	.00	.00	.00	.00	54688.00	.00	.00	.00	.00	.00	.00	.00
740803	.00	.00	.00	.00	49947.00	.00	.00	.00	.00	.00	.00	.00
740916	9.96	.00	.00	.00	43058.00	.00	.00	.00	.00	2457.00	1688.00	.00
741015	.00	.00	.00	.00	38465.00	.00	.00	.00	.00	.00	.00	.00
741028	.00	.00	.00	.00	26983.00	.00	.00	.00	.00	.00	.00	.00
750523	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	228.26	199.73	.00
750612	.00	.00	.00	.00	.00	.00	.00	.00	.00	713.33	.00	.00
750701	.00	.00	.00	.00	.00	.00	.00	.00	.00	941.59	.00	.00
750816	.00	.00	.00	.00	.00	.00	.00	.00	.00	1426.65	4850.61	.00
750821	.00	.00	.00	.00	128024.30	.00	.00	.00	.00	1711.98	3994.62	.00
750824	.00	.00	.00	.00	133765.31	.00	.00	.00	.00	1711.98	3994.62	.00
750905	.00	.00	.00	.00	.00	.00	.00	.00	.00	1141.32	3709.29	.00
750908	.00	.00	.00	.00	119412.80	.00	.00	.00	.00	1141.32	4850.61	.00
750911	.00	.00	.00	.00	110801.30	.00	.00	.00	.00	855.99	3709.29	.00
750915	.00	.00	.00	.00	128598.41	.00	.00	.00	.00	1141.32	3423.04	.00
750918	.00	.00	.00	.00	120561.00	.00	.00	.00	.00	855.99	4279.95	.00
750921	.00	.00	.00	.00	152136.50	.00	.00	.00	.00	855.99	3994.62	.00
750924	.00	.00	.00	.00	118264.59	.00	.00	.00	.00	1141.32	3138.63	.00
750928	.00	.00	.00	.00	114820.00	.00	.00	.00	.00	1141.32	2910.37	.00
751003	.00	.00	.00	.00	186008.41	.00	.00	.00	.00	285.33	3709.29	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
007 (209)

DATE	PH	COND UMOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
751007	.00	.00	.00	.00	211842.91	.00	.00	.00	.00	655.99	3954.62	.00
751010	9.45	.00	.00	.00	153285.00	.00	.00	.00	.00	627.00	2566.00	.00
751015	.00	.00	.00	.00	.00	.00	.00	.00	.00	627.46	4508.21	.00
751016	.00	.00	.00	.00	163712.00	.00	.00	.00	.00	1141.32	3138.63	.00
751022	.00	.00	.00	.00	194045.81	.00	.00	.00	.00	1027.19	3538.09	.00
751027	.00	.00	.00	.00	113097.70	.00	.00	.00	.00	827.46	2567.97	.00
751030	.00	.00	.00	.00	136635.81	.00	.00	.00	.00	827.46	3224.23	.00
751103	.00	.00	.00	.00	177396.91	.00	.00	.00	.00	827.46	3395.43	.00
751107	.00	.00	.00	.00	106782.59	.00	.00	.00	.00	827.46	1940.24	.00
751111	.00	.00	.00	.00	155581.09	.00	.00	.00	.00	1027.19	2425.31	.00
751115	.00	.00	.00	.00	179693.31	.00	.00	.00	.00	855.99	3423.96	.00
751120	.00	.00	.00	.00	113671.80	.00	.00	.00	.00	855.99	2282.64	.00
751126	.00	.00	.00	.00	160173.91	.00	.00	.00	.00	855.99	2853.30	.00
751201	.00	.00	.00	.00	139506.31	.00	.00	.00	.00	1027.19	2567.97	.00
751207	9.01	.00	.00	.00	116542.00	.00	.00	.00	.00	599.00	2425.00	.00
751210	.00	.00	.00	.00	106209.00	.00	.00	.00	.00	.00	.00	.00
751212	.00	.00	.00	.00	147543.69	.00	.00	.00	.00	570.66	2282.64	.00
751218	.00	.00	.00	.00	129746.59	.00	.00	.00	.00	627.46	1826.11	.00
751226	.00	.00	.00	.00	130320.70	.00	.00	.00	.00	399.46	1940.24	.00
760104	.00	.00	.00	.00	119412.80	.00	.00	.00	.00	408.02	2254.11	.00
760115	.00	.00	.00	.00	113671.80	.00	.00	.00	.00	599.19	1940.24	.00
760124	.00	.00	.00	.00	86689.09	.00	.00	.00	.00	610.61	1771.90	.00
760209	.00	.00	.00	.00	83818.59	.00	.00	.00	.00	456.53	1797.58	.00
760308	.00	.00	76.90	67.25	64299.20	.00	.00	.00	.00	485.06	1540.78	.00
760319	.00	.00	.00	.00	49946.70	.00	.00	.00	.00	285.33	1084.25	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
007 (209)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	C03 MG/L	HCO3 MG/L	NH3 MG/L
760324	.00	.00	.00	.00	53391.30	.00	.00	.00	.00	485.06	1226.92	.00
760330	.00	.00	.00	.00	45928.00	.00	.00	.00	.00	313.86	1540.78	.00
760404	.00	.00	.00	.00	42483.40	.00	.00	.00	.00	399.46	1169.85	.00
760410	.00	.00	.00	.00	36742.40	.00	.00	.00	.00	456.53	1055.72	.00
760416	.00	.00	.00	.00	43057.50	.00	.00	.00	.00	542.13	884.52	.00
760420	.00	.00	.00	.00	43057.50	.00	.00	.00	.00	399.46	998.66	.00
760502	.00	.00	.00	.00	40761.10	.00	.00	.00	.00	313.86	1084.23	.00
760508	.00	.00	.00	.00	37890.60	.00	.00	.00	.00	399.46	1255.45	.00
760511	.00	.00	44.70	6.79	39612.90	.00	.00	.00	.00	365.22	935.88	.00
760513	.00	.00	.00	.00	37890.60	.00	.00	.00	.00	382.34	930.18	.00
760517	.00	.00	.00	.00	37316.50	.00	.00	.00	.00	342.40	884.52	.00
760520	.00	.00	.00	.00	37316.50	.00	.00	.00	.00	342.40	542.13	.00
760525	.00	.00	.00	.00	40187.00	.00	.00	.00	.00	342.40	1084.25	.00
760613	.00	.00	.00	.00	30427.30	.00	.00	.00	.00	.00	.00	.00
760622	.00	.00	.00	.00	30427.30	.00	.00	.00	.00	313.86	827.46	.00
760630	.00	.00	.00	.00	32723.70	.00	.00	.00	.00	313.86	770.39	.00
760709	.00	.00	.00	.00	32149.60	.00	.00	.00	.00	171.20	770.39	.00
760714	.00	.00	.00	.00	16648.90	.00	.00	.00	.00	313.86	741.86	.00
760722	.00	.00	.00	.00	28705.00	.00	.00	.00	.00	285.33	770.39	.00
761011	.00	.00	.00	.00	23538.10	.00	.00	.00	.00	.00	228.26	.00
761020	.00	.00	.00	.00	32723.70	.00	.00	.00	.00	85.60	855.99	.00
761029	.00	.00	.00	.00	28705.00	.00	.00	.00	.00	305.30	758.98	.00
761104	.00	.00	.00	.00	29279.10	.00	.00	.00	.00	245.38	710.47	.00
761115	.00	.00	.00	.00	17797.10	.00	.00	.00	.00	.00	.00	.00
761124	.00	.00	.00	.00	14926.60	.00	.00	.00	.00	399.46	656.26	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
007 (209)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
761207	.00	.00	.00	.00	5315.10	.00	.00	.00	.00	8.56	285.33	.00
761213	.00	.00	.00	.00	16648.90	.00	.00	.00	.00	.00	.00	.00
761220	.00	.00	.00	.00	16074.80	.00	.00	.00	.00	293.89	830.31	.00
761230	.00	.00	.00	.00	10907.90	.00	.00	.00	.00	.00	.00	.00
770106	.00	.00	.00	.00	19519.40	.00	.00	.00	.00	.00	.00	.00
770113	.00	.00	.00	.00	40761.10	.00	.00	.00	.00	.00	.00	.00
770214	.00	.00	.00	.00	37890.60	.00	.00	.00	.00	.00	.00	.00
770221	.00	.00	.00	.00	28705.00	.00	.00	.00	.00	.00	.00	.00
770227	.00	.00	.00	.00	34446.00	.00	.00	.00	.00	399.46	713.33	.00
770305	.00	.00	.00	.00	43057.50	.00	.00	.00	.00	122.69	404.50	.00
770408	.00	.00	.00	.00	15500.70	.00	.00	.00	.00	.00	.00	.00
770420	.00	.00	.00	.00	25834.50	.00	.00	.00	.00	199.73	684.79	.00
770426	.00	.00	.00	.00	13204.30	.00	.00	.00	.00	162.64	627.73	.00
770506	.00	.00	.00	.00	18371.20	.00	.00	.00	.00	162.64	627.73	.00
770512	.00	.00	.00	.00	16074.80	.00	.00	.00	.00	279.62	836.87	.00
770521	.00	.00	.00	.00	7463.30	.00	.00	.00	.00	114.13	467.94	.00
770614	.00	.00	.00	.00	4018.70	.00	.00	.00	.00	122.69	676.23	.00
770623	.00	.00	.00	.00	20093.50	.00	.00	.00	.00	291.04	613.46	.00
770714	.00	.00	.00	.00	6889.20	.00	.00	.00	.00	.00	.00	.00
770721	.00	.00	.00	.00	5166.90	.00	.00	.00	.00	.00	.00	.00
770728	.00	.00	.00	.00	5741.00	.00	.00	.00	.00	.00	.00	.00
770804	.00	.00	.00	.00	2870.50	.00	.00	.00	.00	.00	.00	.00
770827	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	.00	.00	.00
770908	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	.00	.00	.00
770913	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	.00	.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
007 (209)

DATE	PH	COND UHOM/CM	RA225 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
770925	9.00	.00	.00	.00	.00	.00	.00	.00	.00	5.71	191.17	.00
771004	9.00	.00	.00	.00	10333.80	.00	.00	.00	.00	.00	.00	.00
780216	9.17	.00	.00	.00	2296.40	.00	.00	.00	.00	134.00	517.00	.00
780423	9.70	.00	36.00	.00	1148.20	.00	.00	.02	.03	120.00	489.00	.00
780427	9.54	.00	.00	.00	1148.20	.00	.00	.00	.00	91.00	366.00	.00
780511	9.42	.00	57.00	.00	32959.00	.00	.00	.01	.07	31.00	366.00	.00
780525	9.25	.00	.00	.00	1148.20	.00	.00	.00	.00	60.00	306.00	.00
780614	9.26	.00	48.00	.00	1148.20	.00	.00	.01	.05	10.00	306.00	.00
780622	9.42	.00	.00	.00	574.10	.00	.00	.00	.00	31.00	274.00	.00
780629	9.40	.00	.00	.00	574.10	.00	.00	.00	.00	31.00	123.00	.00
780706	9.52	.00	32.00	.00	574.10	.00	.00	.01	.01	120.00	314.00	.00
780713	9.25	.00	.00	.00	574.10	.00	.00	.00	.00	31.00	397.00	.00
780720	9.20	.00	.00	.00	574.10	.00	.00	.00	.00	91.00	306.00	.00
780727	9.30	.00	.00	.00	574.10	.00	.00	.00	.00	83.00	343.00	.00
780803	9.52	.00	34.00	.00	1148.20	.00	.00	.01	.01	120.00	306.00	.00
780810	9.17	.00	.00	.00	1722.30	.00	.00	.00	.00	91.00	397.00	.00
780817	9.52	.00	.00	.00	1722.30	.00	.00	.00	.00	60.00	457.00	.00
780825	9.60	.00	.00	.00	574.10	.00	.00	.00	.00	91.00	394.00	.00
780831	9.70	.00	24.00	.00	574.10	.00	.00	.01	.01	120.00	489.00	.00
780907	9.63	.00	.00	.00	1722.30	.00	.00	.00	.00	134.00	306.00	.00
780914	9.46	.00	.00	.00	1148.20	.00	.00	.00	.00	120.00	397.00	.00
780921	9.10	.00	.00	.00	574.10	.00	.00	.00	.00	60.00	397.00	.00
780928	9.11	.00	30.00	.00	18371.20	.00	.00	.04	.02	31.00	517.00	.00
781005	9.17	.00	.00	.00	6889.20	.00	.00	.00	.00	60.00	397.00	.00
781012	9.71	.00	.00	.00	3644.60	.00	.00	.00	.00	120.00	397.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
007 (209)

DATE	PH	COND UMOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
781019	8.88	.00	20.00	.00	2296.40	.00	.00	.02	.02	91.00	469.00	.00
781102	9.28	.00	.00	.00	1148.20	.00	.00	.00	.00	30.00	397.00	.00
781109	9.42	.00	.00	.00	1148.20	.00	.00	.00	.00	90.00	274.00	.00
781117	8.55	.00	39.00	.00	574.10	.00	.00	-.02	.01	60.00	396.00	.00
781207	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	60.00	366.00	.00
781224	9.38	.00	.00	.00	574.10	.00	.00	.00	.00	32.00	117.00	.00
790118	9.50	.00	.00	.00	574.10	.00	.00	.00	.00	104.00	237.00	.00
790220	7.68	.00	29.00	7.00	574.10	.00	.00	.01	.01	-1.00	130.00	.00
790313	9.50	.00	39.00	3.00	1148.20	.00	.00	.01	.03	78.00	277.00	.00
790329	9.50	.00	.00	.00	574.10	.00	.00	.00	.00	104.00	283.00	.00
790403	9.30	.00	14.00	4.00	574.10	.00	.00	.01	.01	91.00	283.00	.00
790417	9.60	650.00	.00	.00	574.10	.00	.00	.00	.00	46.00	276.00	.00
790503	9.70	610.00	.00	.00	574.10	.00	.00	.01	-.01	39.00	212.00	.00
790515	9.30	645.00	.00	.00	17797.10	.00	.00	.00	.00	33.00	397.00	.00
790613	9.55	925.00	.00	.00	23538.10	13.00	212.00	.08	-.01	65.00	291.00	.00
790626	9.20	950.00	.00	.00	21815.80	.00	.00	.00	.00	49.00	430.00	.00
790710	9.50	900.00	.00	.00	24112.20	.00	.00	.03	-.01	21.00	298.00	.00
790726	9.30	855.00	.00	.00	13778.40	.00	.00	.00	.00	69.00	133.00	.00
790829	.00	1050.00	.00	.00	16074.80	.00	.00	.04	-.01	77.00	411.00	.00
790916	9.40	950.00	.00	.00	20093.50	.00	.00	.05	-.01	101.00	324.00	.00
790925	9.90	860.00	.00	.00	16074.80	.00	.00	.00	.00	62.00	372.00	.00
791010	9.80	860.00	27.10	80.80	17797.10	17.00	200.00	.08	-.01	.00	.00	-.10
791023	9.20	880.00	.00	.00	19519.40	11.00	172.00	.00	.00	.00	.00	.00
791106	9.10	850.00	64.20	27.50	17797.10	11.00	157.00	.07	-.01	.00	.00	.30
791123	9.00	790.00	.00	.00	5166.90	10.00	165.00	.00	.00	.00	.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
007 (209)

DATE	PH	COND UHOM/CH	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
791204	9.00	740.00	38.30	47.70	17223.00	9.00	158.00	.01	.01	.00	.00	.29
791219	8.80	810.00	.00	.00	18945.30	10.00	185.00	.00	.00	.00	.00	.00
800103	9.50	800.00	17.50	64.70	17223.00	22.00	.00	.02	.01	115.00	288.00	.38
800115	9.60	800.00	.00	.00	18945.30	21.00	44.00	.00	.00	146.00	282.00	.00
800201	8.80	850.00	.00	.00	13204.30	16.00	10.00	.00	.00	45.00	264.00	.00
800212	7.44	825.00	6.22	25.10	20093.50	15.00	148.00	.10	.01	103.00	264.00	.35
800226	9.79	800.00	.00	.00	21241.70	14.00	227.00	.00	.00	121.00	301.00	.00
800311	9.77	775.00	22.80	65.70	20093.50	12.00	132.00	.09	.01	121.00	264.00	.30
800328	7.76	700.00	.00	.00	18371.20	14.00	160.00	.00	.00	114.00	232.00	.00
800404	9.90	750.00	45.90	15.80	10333.80	14.00	100.00	.03	.02	96.00	305.00	-1.00
800421	9.32	950.00	.00	.00	574.10	46.00	135.00	.00	.00	42.00	287.00	.00
800506	9.14	1100.00	156.80	53.60	22389.90	32.00	163.00	.01	.01	48.00	299.00	.01
800520	9.33	1050.00	.00	.00	19519.40	17.00	205.00	.00	.00	54.00	287.00	.00
800603	9.20	1100.00	81.00	41.80	25260.40	10.00	198.00	.01	.01	60.00	415.00	.10
800617	9.12	830.00	.00	.00	21241.70	13.00	169.00	.00	.00	6.00	464.00	.00
800701	9.05	750.00	6.84	21.50	17223.00	16.00	162.00	.01	.01	52.00	416.00	.10
800716	8.82	860.00	.00	.00	16074.80	16.00	159.00	.00	.00	48.00	159.00	.00
800729	8.98	830.00	.00	.00	24112.20	20.00	168.00	.00	.00	60.00	342.00	.00
800811	9.42	1190.00	1.50	15.20	27556.80	17.00	176.00	.02	.01	50.00	448.00	.10
800825	9.20	12.00	.00	.00	21315.80	31.00	215.00	.00	.00	99.00	358.00	.00
800909	9.02	890.00	.58	43.50	22964.00	16.00	155.00	.01	.01	57.00	418.00	.10
800923	9.30	950.00	.00	.00	22389.90	15.00	186.00	.00	.00	75.00	357.00	.00
801007	9.94	1000.00	.00	.00	21815.80	16.00	221.00	.00	.00	120.00	427.00	.00
801020	9.30	750.00	.00	.00	19519.40	12.00	158.00	.00	.00	.00	.00	.00
801103	9.50	1000.00	16.90	73.10	23538.10	16.00	178.00	.01	.01	45.00	369.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
007 (209)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
801117	9.32	990.00	.00	.00	21815.80	12.00	158.00	.00	.00	66.00	406.00	.00
801202	9.10	800.00	.00	.00	14926.60	12.00	149.00	.00	.00	54.00	435.00	.00
801215	9.35	900.00	.00	.00	18371.20	12.00	164.00	.00	.00	51.00	375.00	.00
801230	9.33	750.00	.00	.00	22964.00	10.00	142.00	.00	.00	42.00	348.00	.00
810113	9.01	600.00	4.30	133.00	28130.90	8.00	144.00	.07	-.01	24.00	412.00	.18
810128	9.55	660.00	.00	.00	19519.40	8.00	141.00	.00	.00	48.00	323.00	.00
810212	8.65	840.00	.00	.00	21241.70	9.00	154.00	.00	.00	11.00	476.00	.00
810226	8.75	700.00	.00	.00	26408.60	10.00	151.00	.00	.00	48.00	461.00	.00
810310	8.54	890.00	5.10	10.60	24886.30	12.00	144.00	-.01	.04	18.00	482.00	.32
810324	8.75	770.00	.00	.00	32723.70	12.00	167.00	.00	.00	24.00	464.00	.00
810407	9.45	790.00	37.61	2.00	24886.30	14.00	171.00	.00	.00	21.00	427.00	.06
810519	7.19	960.00	.00	.00	11482.00	12.00	165.00	.00	.00	-1.00	314.00	.00
810602	8.10	770.00	.00	.00	12630.20	12.00	153.00	.00	.00	-1.00	426.00	.00
810617	9.12	720.00	.00	.00	11482.00	77.00	147.00	.00	.00	-1.00	409.00	.00
810702	9.05	750.00	.00	.00	11482.00	34.00	143.00	.00	.00	37.00	360.00	.00
810714	9.08	750.00	8.10	1.00	12059.10	24.00	152.00	.02	.01	20.00	375.00	.08
810729	9.20	600.00	.00	.00	10907.90	20.00	150.00	.00	.00	46.00	320.00	.00
810813	9.20	820.00	.00	.00	9185.60	20.00	145.00	.00	.00	44.00	320.00	.00
810826	9.25	800.00	.00	.00	9185.60	22.00	141.00	.00	.00	52.00	316.00	.00
810911	9.38	750.00	17.65	18.00	9185.60	15.00	156.00	.04	.18	52.00	315.00	.00
810923	9.29	700.00	.00	.00	9759.70	27.00	158.00	.00	.00	55.00	306.00	.11
811007	9.30	750.00	.00	.00	7463.30	14.00	144.00	.00	.00	64.00	295.00	.00
811020	9.30	540.00	.00	.00	3444.60	16.00	157.00	.00	.00	72.00	275.00	.00
811103	9.25	750.00	20.00	1.00	7463.30	16.00	149.00	.02	.02	50.00	256.00	-.03
811117	9.30	730.00	.00	.00	6889.20	21.00	154.00	.00	.00	62.00	290.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
007 (204)

DATE	PH	COND UMOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
811202	9.68	530.00	.00	.00	7463.30	17.00	158.00	.00	.00	41.00	317.00	.00
811216	9.51	700.00	.00	.00	7463.30	21.00	163.00	.00	.00	72.00	287.00	.00
811231	9.60	690.00	.00	.00	6315.10	18.00	149.00	.00	.00	71.00	267.00	.00
820111	9.35	720.00	26.00	.00	7463.30	24.00	152.00	.00	.00	67.00	274.00	.00
820125	9.17	640.00	.00	.00	6889.20	15.00	138.00	.00	.00	74.00	261.00	.00
820213	9.17	590.00	.00	.00	6315.10	13.00	146.00	.00	.00	72.00	246.00	.00
820305	9.40	560.00	.00	.00	5741.00	6.00	142.00	.00	.00	.00	.00	.00
820414	9.60	610.00	.00	.00	6889.20	17.00	159.00	.00	.00	55.00	261.00	.00
820510	9.90	.00	.00	.00	14926.60	9.00	127.00	.00	.00	.00	.00	.00
820513	9.60	660.00	.00	.00	6889.20	9.00	137.00	.00	.00	60.00	275.00	.00
820610	9.50	510.00	.00	.00	6889.20	12.00	146.00	.00	.00	61.00	265.00	.00
820726	8.90	650.00	.00	.00	6889.20	22.00	146.00	.00	.00	36.00	292.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
008 (210)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
710408	.00	.00	.00	.00	.00	8.00	.00	.00	.00	.00	.00	.00
710409	.00	.00	.00	.00	.00	4.00	.00	.00	.00	.00	.00	.00
710410	.00	.00	.00	.00	.00	10.00	.00	.00	.00	.00	.00	.00
710411	.00	.00	.00	.00	.00	6.00	.00	.00	.00	.00	.00	.00
710412	.00	.00	.00	.00	.00	8.00	.00	.00	.00	.00	.00	.00
710413	.00	.00	.00	.00	.00	8.00	.07	.00	.00	.00	.00	.00
710414	.00	.00	.00	.00	.00	10.00	.00	.00	.00	.00	.00	.00
710415	.00	.00	.00	.00	.00	8.00	.00	.00	.00	.00	.00	.00
710416	.00	.00	.00	.00	.00	8.00	.00	.00	.00	.00	.00	.00
710417	.00	.00	.00	.00	.00	8.00	.00	.00	.00	.00	.00	.00
710418	.00	.00	.00	.00	.00	10.00	.00	.00	.00	.00	.00	.00
710420	.00	.00	.00	.00	.00	9.00	.00	.00	.00	.00	.00	.00
710422	.00	.00	.00	.00	.00	8.00	.00	.00	.00	.00	.00	.00
710425	.00	.00	.00	.00	.00	11.00	.00	.00	.00	.00	.00	.00
710502	.00	.00	.00	.00	.00	8.00	.00	.00	.00	.00	.00	.00
710516	.00	.00	.00	.00	.00	-.40	.00	.00	.00	.00	.00	.00
710517	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
710518	.00	.00	.00	.00	.00	.10	.00	.00	.00	.00	.00	.00
710519	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
710520	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
710521	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
710522	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
710523	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
710524	.00	.00	.00	.00	.00	56.00	.00	.00	.00	.00	.00	.00
710525	.00	.00	.00	.00	.00	60.00	.00	.00	.00	.00	.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
008 (210)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
710526	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
710527	.00	.00	.00	.00	.00	70.00	.00	.00	.00	.00	.00	.00
710528	.00	.00	.00	.00	.00	68.00	.00	.00	.00	.00	.00	.00
710529	.00	.00	.00	.00	.00	63.00	.00	.00	.00	.00	.00	.00
710530	.00	.00	.00	.00	.00	68.00	.00	.00	.00	.00	.00	.00
710531	.00	.00	.00	.00	.00	74.00	.00	.00	.00	.00	.00	.00
710601	.00	.00	.00	.00	.00	75.00	.00	.00	.00	.00	.00	.00
710602	.00	.00	.00	.00	.00	84.00	.00	.00	.00	.00	.00	.00
710604	.00	.00	.00	.00	.00	86.00	.00	.00	.00	.00	.00	.00
710605	.00	.00	.00	.00	.00	79.00	.00	.00	.00	.00	.00	.00
710606	.00	.00	.00	.00	.00	77.00	.00	.00	.00	.00	.00	.00
710608	.00	.00	.00	.00	.00	76.00	.00	.00	.00	.00	.00	.00
710609	.00	.00	.00	.00	.00	92.00	.00	.00	.00	.00	.00	.00
710610	.00	.00	.00	.00	.00	104.00	.00	.00	.00	.00	.00	.00
710611	.00	.00	.00	.00	.00	100.00	.00	.00	.00	.00	.00	.00
710612	.00	.00	.00	.00	.00	104.00	.00	.00	.00	.00	.00	.00
710613	.00	.00	.00	.00	.00	100.00	.00	.00	.00	.00	.00	.00
710614	.00	.00	.00	.00	.00	100.00	.00	.00	.00	.00	.00	.00
710615	.00	.00	.00	.00	.00	100.00	.00	.00	.00	.00	.00	.00
710616	.00	.00	.00	.00	.00	104.00	.00	.00	.00	.00	.00	.00
710620	.00	.00	.00	.00	.00	60.00	.00	.00	.00	.00	.00	.00
710621	.00	.00	.00	.00	.00	112.00	.00	.00	.00	.00	.00	.00
710622	.00	.00	.00	.00	.00	104.00	.00	.00	.00	.00	.00	.00
710914	.00	.00	.00	.00	.00	40.00	.00	.00	.00	.00	.00	.00
710924	.00	.00	.00	.00	.00	56.00	.00	.00	.00	.00	.30	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
008 (210)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	C03 MG/L	HCO3 MG/L	NH3 MG/L
750319	.00	.00	.00	.00	1723.00	.00	.00	.00	.00	171.20	313.86	.00
750523	.00	.00	.00	.00	574.10	.00	.00	.00	.00	228.26	149.73	.00
750612	.00	.00	.00	.00	.00	.00	.00	.00	.00	228.26	370.93	.00
750701	.00	.00	.00	.00	.00	.00	.00	.00	.00	456.53	.00	.00
750809	8.24	.00	.00	.00	33872.00	.00	.00	.00	.00	.00	571.00	.00
750810	.00	.00	.00	.00	31001.40	.00	.00	.00	.00	.00	855.99	.00
750818	.00	.00	.00	.00	.00	.00	.00	.00	.00	855.99	.00	.00
750821	.00	.00	.00	.00	36168.30	.00	.00	.00	.00	285.33	285.33	.00
750824	.00	.00	.00	.00	36742.40	.00	.00	.00	.00	285.33	285.33	.00
750905	.00	.00	.00	.00	.00	.00	.00	.00	.00	285.33	285.33	.00
750908	.00	.00	.00	.00	33297.80	.00	.00	.00	.00	285.33	285.33	.00
750911	.00	.00	.00	.00	35020.10	.00	.00	.00	.00	285.33	285.33	.00
750915	.00	.00	.00	.00	35594.20	.00	.00	.00	.00	.00	855.99	.00
750918	.00	.00	.00	.00	32149.60	.00	.00	.00	.00	.00	570.66	.00
750921	.00	.00	.00	.00	33297.80	.00	.00	.00	.00	285.33	285.33	.00
750924	.00	.00	.00	.00	32149.60	.00	.00	.00	.00	285.33	285.33	.00
750928	.00	.00	.00	.00	37316.50	.00	.00	.00	.00	.00	570.66	.00
751003	.00	.00	.00	.00	31575.50	.00	.00	.00	.00	.00	855.99	.00
751007	.00	.00	.00	.00	29853.20	.00	.00	.00	.00	285.33	570.66	.00
751010	9.80	.00	.00	.00	.00	.00	.00	.00	.00	.00	656.26	.00
751015	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	371.00	.00
751018	.00	.00	.00	.00	33297.80	.00	.00	.00	.00	.00	798.92	.00
751022	.00	.00	.00	.00	34446.00	.00	.00	.00	.00	285.33	285.33	.00
751027	.00	.00	.00	.00	33297.80	.00	.00	.00	.00	.00	656.26	.00
751030	.00	.00	.00	.00	35020.10	.00	.00	.00	.00	.00	798.92	.00
											485.06	.00

SOLUTION MINE WELLS
 ORIGINAL PILOT
 008 (210)

DATE	PH	COND UMOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	C03 MG/L	HCC3 MG/L	NH3 MG/L
751103	.00	.00	.00	.00	35020.10	.00	.00	.00	.00	.00	656.26	.00
751107	.00	.00	.00	.00	32723.70	.00	.00	.00	.00	.00	970.12	.00
751111	.00	.00	.00	.00	35594.20	.00	.00	.00	.00	.00	656.26	.00
751115	.00	.00	.00	.00	38464.70	.00	.00	.00	.00	.00	570.66	.00
751116	8.81	.00	.00	.00	32724.00	.00	.00	.00	.00	285.00	265.00	.00
751120	.00	.00	.00	.00	32723.70	.00	.00	.00	.00	285.33	265.33	.00
751126	.00	.00	.00	.00	33297.80	.00	.00	.00	.00	285.33	265.33	.00
751201	.00	.00	.00	.00	32149.60	.00	.00	.00	.00	.00	798.92	.00
751207	7.75	.00	.00	.00	30427.00	.00	.00	.00	.00	.00	656.00	.00
751212	.00	.00	.00	.00	34846.00	.00	.00	.00	.00	.00	570.66	.00
751218	.00	.00	.00	.00	33297.80	.00	.00	.00	.00	199.73	313.86	.00
751226	.00	.00	.00	.00	29853.20	.00	.00	.00	.00	199.73	485.06	.00
760104	.00	.00	.00	.00	30427.30	.00	.00	.00	.00	.00	579.22	.00
760115	.00	.00	.00	.00	29279.10	.00	.00	.00	.00	199.73	313.86	.00
760124	.00	.00	.00	.00	28705.00	.00	.00	.00	.00	202.58	162.64	.00
760200	.00	.00	.00	.00	29279.10	.00	.00	.00	.00	.00	513.59	.00
760222	.00	.00	.00	.00	16074.80	.00	.00	.00	.00	28.53	313.86	.00
760324	.00	.00	.00	.00	24112.20	.00	.00	.00	.00	171.20	256.60	.00
760330	.00	.00	.00	.00	24686.30	.00	.00	.00	.00	85.60	114.13	.00
760404	.00	.00	.00	.00	24112.20	.00	.00	.00	.00	85.60	313.86	.00
760410	.00	.00	.00	.00	17797.10	.00	.00	.00	.00	.00	513.59	.00
760416	.00	.00	.00	.00	.00	.00	.00	.00	.00	171.20	313.86	.00
760420	.00	.00	.00	.00	22389.90	.00	.00	.00	.00	171.20	199.73	.00
760502	.00	.00	.00	.00	16371.20	.00	.00	.00	.00	85.60	456.53	.00
760511	.00	.00	.00	.66	22964.00	.00	.00	.00	.00	.00	333.64	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
008 (210)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	C03 MG/L	HC03 MG/L	NH3 MG/L
760513	.00	.00	.00	.00	19519.40	.00	.00	.00	.00	.00	399.46	.00
760517	.00	.00	.00	.00	16371.20	.00	.00	.00	.00	25.68	370.93	.00
760520	.00	.00	.00	.00	20667.60	.00	.00	.00	.00	.00	513.59	.00
760526	.00	.00	.00	.00	16945.30	.00	.00	.00	.00	.00	399.46	.00
760603	.00	.00	.00	.00	16371.20	.00	.00	.00	.00	.00	399.46	.00
760610	.00	.00	.00	.00	16648.90	.00	.00	.00	.00	.00	399.46	.00
760622	.00	.00	.00	.00	15500.70	.00	.00	.00	.00	.00	399.46	.00
760630	.00	.00	.00	.00	11482.00	.00	.00	.00	.00	.00	370.93	.00
760709	.00	.00	.00	.00	13778.40	.00	.00	.00	.00	28.53	342.40	.00
760714	.00	.00	.00	.00	13204.30	.00	.00	.00	.00	.00	370.93	.00
760722	.00	.00	.00	.00	12056.10	.00	.00	.00	.00	.00	399.46	.00
760819	.00	.00	.00	.00	13778.40	.00	.00	.00	.00	17.12	325.28	.00
760925	.00	.00	.00	.00	8611.50	.00	.00	.00	.00	.00	256.80	.00
761011	.00	.00	.00	.00	5166.90	.00	.00	.00	.00	19.97	285.33	.00
761020	.00	.00	.00	.00	7463.30	.00	.00	.00	.00	11.41	313.86	.00
761029	.00	.00	.00	.00	8611.50	.00	.00	.00	.00	19.97	322.42	.00
761104	.00	.00	.00	.00	13778.40	.00	.00	.00	.00	.00	368.05	.00
761115	.00	.00	.00	.00	7463.30	.00	.00	.00	.00	.00	370.93	.00
761203	.00	.00	.00	.00	13204.30	.00	.00	.00	.00	39.95	199.73	.00
761207	.00	.00	.00	.00	19519.40	.00	.00	.00	.00	19.97	342.40	.00
761213	.00	.00	.00	.00	12056.10	.00	.00	.00	.00	19.97	291.04	.00
761220	.00	.00	.00	.00	12630.20	.00	.00	.00	.00	42.80	465.09	.00
761230	.00	.00	.00	.00	10333.60	.00	.00	.00	.00	.00	.00	.00
770113	.00	.00	.00	.00	13778.40	.00	.00	.00	.00	.00	419.44	.00
770130	.00	.00	.00	.00	12630.20	.00	.00	.00	.00	19.97	370.93	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
008 (210)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
770206	.00	.00	.00	.00	16648.90	.00	.00	.00	.00	39.95	425.14	.00
770214	.00	.00	.00	.00	16074.80	.00	.00	.00	.00	19.97	402.32	.00
770218	.00	.00	.00	.00	16074.80	.00	.00	.00	.00	11.41	428.00	.00
770227	.00	.00	.00	.00	15500.70	.00	.00	.00	.00	.00	399.46	.00
770305	.00	.00	.00	.00	13778.40	.00	.00	.00	.00	.00	402.32	.00
770312	.00	.00	.00	.00	2870.50	.00	.00	.00	.00	39.95	342.40	.00
770325	.00	.00	.00	.00	14352.50	.00	.00	.00	.00	.00	353.81	.00
770426	.00	.00	.00	.00	13204.30	.00	.00	.00	.00	.00	353.81	.00
770506	.00	.00	.00	.00	28130.90	.00	.00	.00	.00	.00	353.81	.00
770512	.00	.00	.00	.00	12630.20	.00	.00	.00	.00	39.95	465.06	.00
770521	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	565.22	.00
770602	.00	.00	.00	.00	12056.10	.00	.00	.00	.00	.00	.00	.00
770609	.00	.00	.00	.00	10907.90	.00	.00	.00	.00	.00	353.81	.00
770614	.00	.00	.00	.00	13778.40	.00	.00	.00	.00	.00	368.05	.00
770715	.00	.00	.00	.00	10333.80	.00	.00	.00	.00	.00	.00	.00
770804	.00	.00	.00	.00	10353.80	.00	.00	.00	.00	.00	.00	.00
770827	.00	.00	.00	.00	10907.90	.00	.00	.00	.00	.00	.00	.00
770906	.00	.00	.00	.00	11482.00	.00	.00	.00	.00	.00	.00	.00
770913	.00	.00	.00	.00	9185.60	.00	.00	.00	.00	.00	.00	.00
770925	.00	.00	.00	.00	574.10	.00	.00	.00	.00	11.41	191.17	.00
771004	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	696.21	.00
771027	.00	.00	.00	.00	9759.70	.00	.00	.00	.00	19.97	231.12	.00
771124	.00	.00	.00	.00	574.10	.00	.00	.00	.00	19.97	256.80	.00
780210	7.82	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	180.00	.00
780215	7.87	.00	67.00	.00	1722.30	.00	.00	.01	.00	-11.00	180.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
008 (210)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
780223	8.47	.00	.00	.00	11482.00	.00	.00	.00	.00	-11.00	183.00	.00
780316	8.08	.00	67.00	.00	12630.20	.00	.00	.01	.02	-11.00	183.00	.00
780323	8.08	.00	.00	.00	10907.90	.00	.00	.00	.00	-11.00	274.00	.00
780329	8.06	.00	.00	.00	6889.20	.00	.00	.00	.00	-11.00	243.00	.00
780406	8.29	.00	43.00	.00	8037.40	.00	.00	.01	.01	-11.00	183.00	.00
780411	8.48	.00	.00	.00	9185.60	.00	.00	.00	.00	-11.00	214.00	.00
780423	8.43	.00	.00	.00	6315.10	.00	.00	.00	.00	-11.00	214.00	.00
780427	8.43	.00	.00	.00	6315.10	.00	.00	.00	.00	-11.00	214.00	.00
780511	8.14	.00	45.00	.00	4018.70	.00	.00	.01	.04	-11.00	183.00	.00
780525	8.17	.00	.00	.00	2870.50	.00	.00	.00	.00	-11.00	214.00	.00
780608	8.33	.00	61.00	.00	2296.40	.00	.00	.01	.07	-11.00	214.00	.00
780614	8.21	.00	.00	.00	5741.00	.00	.00	.00	.00	-11.00	214.00	.00
780622	8.24	.00	.00	.00	7463.30	.00	.00	.00	.00	-11.00	214.00	.00
780629	8.38	.00	.00	.00	7463.30	.00	.00	.00	.00	-11.00	106.00	.00
780706	8.41	.00	56.00	.00	6889.20	.00	.00	.01	.00	31.00	229.00	.00
780713	8.01	.00	.00	.00	6889.20	.00	.00	.00	.00	-11.00	243.00	.00
780720	8.12	.00	.00	.00	6889.20	.00	.00	.00	.00	-11.00	183.00	.00
780727	8.30	.00	.00	.00	8611.50	.00	.00	.00	.00	-11.00	194.00	.00
780803	8.23	.00	37.00	.00	6889.20	.00	.00	.00	.00	-11.00	243.00	.00
780810	8.44	.00	.00	.00	5166.90	.00	.00	.00	.00	14.00	243.00	.00
780817	8.47	.00	.00	.00	5166.90	.00	.00	.00	.00	-11.00	243.00	.00
780825	8.20	.00	.00	.00	9185.60	.00	.00	.00	.00	-11.00	211.00	.00
780831	8.41	.00	37.00	.00	2870.50	.00	.00	-.01	.00	-11.00	243.00	.00
780907	8.40	.00	.00	.00	8037.40	.00	.00	.00	.00	31.00	243.00	.00
780914	8.12	.00	.00	.00	5741.00	.00	.00	.00	.00	-11.00	306.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
008 (210)

DATE	PH	COND UHOM/CM	RA22c PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
780921	8.17	.00	.00	.00	5166.90	.00	.00	.00	.00	-11.00	214.00	.00
780928	8.40	.00	29.00	.00	4592.80	.00	.00	.01	.00	-11.00	151.00	.00
781005	8.17	.00	.00	.00	5166.90	.00	.00	.00	.00	-11.00	243.00	.00
781012	8.40	.00	34.00	.00	4018.70	.00	.00	.00	.00	-11.00	214.00	.00
781019	6.78	.00	57.00	.00	5741.00	.00	.00	-.01	.01	-11.00	274.00	.00
781102	8.04	.00	.00	.00	3444.60	.00	.00	.00	.00	-1.00	183.00	.00
781109	7.60	.00	.00	.00	3444.60	.00	.00	.00	.00	-1.00	214.00	.00
781117	7.90	.00	41.00	.00	3444.60	.00	.00	.09	.01	-1.00	214.00	.00
790118	6.38	.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	186.00	.00
790220	7.10	.00	.00	.00	.00	.00	.00	.00	.00	-1.00	461.00	.00
790314	8.90	.00	110.00	48.00	1148.20	.00	.00	-.01	.01	13.00	290.00	.00
790329	8.20	.00	.00	.00	4018.70	.00	.00	.00	.00	-1.00	283.00	.00
790403	8.70	.00	12.00	52.00	4592.80	.00	.00	-.01	.00	52.00	264.00	.00
790417	9.30	885.00	.00	.00	3444.60	.00	.00	.00	.00	-1.00	318.00	.00
790501	7.90	950.00	.00	.00	2296.40	.00	.00	.02	-.01	-1.00	318.00	.00
790515	8.65	895.00	.00	.00	5166.90	.00	.00	.00	.00	-1.00	350.00	.00
790613	9.00	920.00	.00	.00	2870.50	41.00	291.00	-.01	-.01	7.00	338.00	.00
790627	8.30	675.00	.00	.00	4592.80	.00	.00	.00	.00	49.00	199.00	.00
790711	8.30	600.00	.00	.00	5166.90	.00	.00	-.01	-.01	-1.00	238.00	.00
790726	8.20	690.00	.00	.00	2296.40	.00	.00	.00	.00	3.00	237.00	.00
790829	8.50	805.00	.00	.00	1722.30	.00	.00	-.01	-.01	-1.00	194.00	.00
790916	8.70	820.00	.00	.00	2870.50	.00	.00	-.01	-.01	-1.00	251.00	.00
790926	8.90	640.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	293.00	.00
791010	8.90	710.00	9.70	21.80	16648.90	19.00	171.00	-.01	-.01	-1.00	367.00	-.10
791023	8.60	680.00	.00	.00	6315.10	12.00	187.00	.00	.00	12.00	281.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
008 (210)

DATE	PH	COND UHDM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	C03 MG/L	HC03 MG/L	NH3 MG/L
791106	7.80	600.00	25.60	72.50	5741.00	12.00	153.00	.05	-.01	-1.00	281.00	.36
791123	7.60	590.00	.00	.00	574.10	10.00	128.00	.00	.00	12.00	252.00	.00
791204	8.30	470.00	18.80	111.00	4018.70	10.00	179.00	-.01	-.01	-1.00	258.00	.29
791218	7.60	610.00	.00	.00	6889.20	10.00	200.00	.00	.00	12.00	288.00	.00
800103	8.55	600.00	31.40	126.50	8037.40	22.00	.00	-.01	-.01	6.00	319.00	.11
800115	8.50	625.00	.00	.00	5741.00	18.00	97.00	.00	.00	-1.00	399.00	.00
800201	8.25	700.00	.00	.00	7463.30	16.00	118.00	.00	.00	-1.00	319.00	.00
800213	8.28	550.00	73.30	120.00	8611.50	17.00	200.00	-.01	-.01	-1.00	306.00	.12
800507	8.31	600.00	36.80	11.95	7463.30	24.00	178.00	-.01	-.01	-1.00	305.00	.68
800523	8.34	790.00	.00	.00	8037.40	10.00	230.00	.00	.00	-1.00	311.00	.00
800605	8.55	840.00	168.90	11.00	8611.50	15.00	151.00	-.01	-.01	-1.00	244.00	-.10
800618	8.58	750.00	.00	.00	6315.10	15.00	184.00	.00	.00	9.00	267.00	.00
800702	8.58	700.00	20.40	15.60	5741.00	13.00	153.00	-.01	-.01	6.00	293.00	-.10
800715	8.48	740.00	.00	.00	5741.00	16.00	181.00	.00	.00	9.00	296.00	.00
800729	8.26	600.00	.00	.00	3444.60	13.00	149.00	.00	.00	-1.00	261.00	.00
800811	8.58	860.00	8.20	2.90	4018.70	14.00	176.00	.02	-.01	6.00	299.00	.10
800825	8.64	770.00	.00	.00	5166.90	17.00	150.00	.00	.00	18.00	293.00	.00
800910	8.50	720.00	17.70	37.70	4592.80	16.00	165.00	-.01	-.01	-1.00	293.00	.16
800923	8.80	650.00	.00	.00	2870.50	17.00	141.00	.00	.00	18.00	232.00	.00
801007	8.82	690.00	.00	.00	6315.10	21.00	164.00	.00	.00	12.00	293.00	.00
801021	8.50	690.00	.00	.00	5166.90	21.00	158.00	.00	.00	6.00	287.00	.00
801103	8.32	590.00	46.40	137.00	7463.30	14.00	137.00	-.01	-.01	-1.00	293.00	-.10
801117	9.04	640.00	.80	.00	6889.20	13.00	132.00	.00	.00	12.00	281.00	.00
801202	8.60	590.00	.00	.00	5166.90	19.00	156.00	.00	.00	6.00	274.00	.00
801215	8.66	760.00	.00	.00	5166.90	14.00	176.00	.00	.00	6.00	287.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
008 (210)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
801230	8.70	650.00	.00	.00	4018.70	16.00	142.00	.00	.00	6.00	262.00	.00
810113	8.19	1000.00	18.00	162.00	5166.90	16.00	151.00	-.01	-.01	-1.00	268.00	-.10
810128	8.05	450.00	.00	.00	15500.70	12.00	151.00	.00	.00	-1.00	287.00	.00
810212	8.29	510.00	.00	.00	25260.40	12.00	152.00	.00	.00	-1.00	314.00	.00
810226	7.90	550.00	.00	.00	10333.80	13.00	161.00	.00	.00	-1.00	268.00	.00
810310	7.60	640.00	1.40	18.50	6315.10	15.00	156.00	.10	-.01	-1.00	276.00	.25
810324	8.25	700.00	.00	.00	4592.80	13.00	194.00	.00	.00	-1.00	308.00	.00
810408	8.70	710.00	14.81	2.00	5741.00	13.00	169.00	.00	.00	-1.00	275.00	.02
810423	7.85	775.00	.00	.00	3444.60	12.00	171.00	.00	.00	-1.00	305.00	.00
810519	8.25	680.00	.00	.00	2870.50	13.00	15.00	.00	.00	-1.00	308.00	.00
810602	8.66	700.00	.00	.00	5166.90	23.00	188.00	.00	.00	8.00	273.00	.00
810617	8.60	680.00	.00	.00	2870.50	26.00	156.00	.00	.00	-1.00	277.00	.00
810702	8.23	560.00	.00	.00	4018.70	19.00	166.00	.00	.00	-1.00	294.00	.00
810714	8.18	650.00	11.87	1.00	2870.50	20.00	156.00	.00	.00	-1.00	283.00	.05
810729	8.58	660.00	.00	.00	2296.40	22.00	151.00	.00	.00	2.00	293.00	.00
810813	8.45	700.00	.00	.00	2296.40	20.00	165.00	.00	.00	6.00	288.00	.00
810826	8.53	700.00	.00	.00	2870.50	16.00	139.00	.00	.00	5.00	266.00	.00
810911	8.30	590.00	8.94	1.00	2296.40	20.00	148.00	.00	.00	2.00	266.00	.09
810923	8.40	650.00	.00	.00	2870.50	18.00	153.00	.00	.00	36.00	203.00	.00
811007	7.75	600.00	.00	.00	2296.40	12.00	136.00	.00	.00	-1.00	271.00	.00
811020	8.37	530.00	.00	.00	574.10	14.00	137.00	.00	.00	-1.00	283.00	.00
811103	7.90	560.00	17.00	1.00	2870.50	14.00	138.00	.00	.00	-1.00	272.00	-.03
811117	8.25	580.00	.00	.00	4592.80	11.00	145.00	.00	.00	-1.00	273.00	.00
811201	7.50	500.00	.00	.00	2870.50	13.00	151.00	.00	.00	-1.00	266.00	.00
811215	8.31	420.00	.00	.00	2870.50	14.00	155.00	.00	.00	-1.00	275.00	.00

SOLUTION MINE WELLS
 ORIGINAL PILOT
 008 (210)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
811231	8.40	540.00	.00	.00	1722.30	16.00	142.00	.00	.00	6.00	258.00	.00
820111	7.90	520.00	8.00	.00	2870.50	16.00	142.00	.00	.00	-1.00	252.00	.00
820124	7.70	440.00	.00	.00	3444.60	14.00	128.00	.00	.00	-1.00	261.00	.00
820213	8.10	390.00	.00	.00	2870.50	14.00	146.00	.00	.00	-1.00	264.00	.00
820305	8.60	.00	.00	.00	2870.50	9.00	135.00	.00	.00	.00	.00	.00
820414	8.80	650.00	.00	.00	1722.30	11.00	154.00	.00	.00	14.00	245.00	.00
820511	8.60	.00	.00	.00	574.10	6.00	129.00	.00	.00	.00	.00	.00
820513	7.00	650.00	.00	.00	1722.30	14.00	173.00	.00	.00	-1.00	261.00	.00
820610	8.40	720.00	.00	.00	574.10	12.00	147.00	.00	.00	2.00	254.00	.00
820726	6.90	700.00	.00	.00	2296.40	18.00	150.00	.00	.00	-1.00	245.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
009 (211)

DATE	PH	COND UMOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	MC03 MG/L	NH3 MG/L
710408	.00	.00	.00	.00	.00	10.00	.00	.00	.00	.00	.00	.00
710409	.00	.00	.00	.00	.00	8.00	.00	.00	.00	.00	.00	.00
710410	.00	.00	.00	.00	.00	16.00	.00	.00	.00	.00	.00	.00
710411	.00	.00	.00	.00	.00	12.00	.00	.00	.00	.00	.00	.00
710412	.00	.00	.00	.00	.00	10.00	.00	.00	.00	.00	.00	.00
710413	.00	.00	.00	.00	.00	14.00	.00	.00	.00	.00	.00	.00
710414	.00	.00	.00	.00	.00	10.00	.00	.00	.00	.00	.00	.00
710415	.00	.00	.00	.00	.00	12.00	.00	.00	.00	.00	.00	.00
710416	.00	.00	.00	.00	.00	11.00	.00	.00	.00	.00	.00	.00
710417	.00	.00	.00	.00	.00	12.00	.00	.00	.00	.00	.00	.00
710418	.00	.00	.00	.00	.00	16.00	.00	.00	.00	.00	.00	.00
710420	.00	.00	.00	.00	.00	96.00	.00	.00	.00	.00	.00	.00
710422	.00	.00	.00	.00	.00	136.00	.00	.00	.00	.00	.00	.00
710425	.00	.00	.00	.00	.00	175.00	.00	.00	.00	.00	.00	.00
710502	.00	.00	.00	.00	.00	264.00	.00	.00	.00	.00	.00	.00
710516	.00	.00	.00	.00	.00	-.50	.00	.00	.00	.00	.00	.00
710517	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
710518	.00	.00	.00	.00	.00	.50	.00	.00	.00	.00	.00	.00
710519	.00	.00	.00	.00	.00	.10	.00	.00	.00	.00	.00	.00
710520	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
710521	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
710522	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
710526	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
710527	.00	.00	.00	.00	.00	192.00	.00	.00	.00	.00	.00	.00
710528	.00	.00	.00	.00	.00	200.00	.00	.00	.00	.00	.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
009 (211)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	A5 MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
710529	.00	.00	.00	.00	.00	176.00	.00	.00	.00	.00	.00	.00
710531	.00	.00	.00	.00	.00	176.00	.00	.00	.00	.00	.00	.00
710601	.00	.00	.00	.00	.00	180.00	.00	.00	.00	.00	.00	.00
710602	.00	.00	.00	.00	.00	168.00	.00	.00	.00	.00	.00	.00
710604	.00	.00	.00	.00	.00	148.00	.00	.00	.00	.00	.00	.00
710605	.00	.00	.00	.00	.00	144.00	.00	.00	.00	.00	.00	.00
710606	.00	.00	.00	.00	.00	136.00	.00	.00	.00	.00	.00	.00
710608	.00	.00	.00	.00	.00	136.00	.00	.00	.00	.00	.00	.00
710609	.00	.00	.00	.00	.00	128.00	.00	.00	.00	.00	.00	.00
710610	.00	.00	.00	.00	.00	120.00	.00	.00	.00	.00	.00	.00
710611	.00	.00	.00	.00	.00	83.00	.00	.00	.00	.00	.00	.00
710612	.00	.00	.00	.00	.00	121.00	.00	.00	.00	.00	.00	.00
710613	.00	.00	.00	.00	.00	126.00	.00	.00	.00	.00	.00	.00
710614	.00	.00	.00	.00	.00	124.00	.00	.00	.00	.00	.00	.00
710615	.00	.00	.00	.00	.00	124.00	.00	.00	.00	.00	.00	.00
710616	.00	.00	.00	.00	.00	120.00	.00	.00	.00	.00	.00	.00
710621	.00	.00	.00	.00	.00	110.00	.00	.00	.00	.00	.00	.00
710622	.00	.00	.00	.00	.00	120.00	.00	.00	.00	.00	.00	.00
710914	.00	.00	.00	.00	.00	84.00	.00	.00	.00	.00	.00	.00
710924	.00	.00	.00	.00	.00	65.00	.00	.00	.00	.00	.00	.00
720807	11.61	.00	.00	.00	.00	.00	.00	.00	.00	.00	4993.00	.00
720817	9.65	.00	.00	.00	.00	.00	.00	.00	.00	.00	599.00	.00
720820	9.62	.00	.00	.00	.00	.00	.00	.00	.00	.00	3336.00	.00
730505	10.65	.00	.00	.00	.00	.00	.00	.00	.00	1141.00	.00	.00
730625	10.90	.00	.00	.00	5167.00	.00	.00	.00	.00	1883.00	770.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
009 (211)

DATE	PH	COND UMOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	C03 MG/L	HC03 MG/L	NH3 MG/L
741114	.00	.00	.00	.00	5167.00	.00	.00	.00	.00	.00	.00	.00
750126	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	285.33	.00
750506	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	256.80	.00
750523	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	1169.85	1141.32	.00
750612	.00	.00	.00	.00	.00	.00	.00	.00	.00	1398.12	.00	.00
750701	.00	.00	.00	.00	.00	.00	.00	.00	.00	941.59	770.39	.00
750810	8.30	.00	.00	.00	1148.00	.00	.00	.00	.00	.00	856.00	.00
750811	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	.00	570.66	.00
750812	8.30	.00	.00	.00	574.10	.00	.00	.00	.00	.00	285.00	.00
750816	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	285.33	.00
750821	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	285.33	285.33	.00
750824	.00	.00	.00	.00	574.10	.00	.00	.00	.00	285.33	285.33	.00
750905	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	285.33	.00
750908	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	570.66	.00
750911	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	.00	570.66	.00
750915	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	285.33	.00
750918	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	.00	570.66	.00
750921	.00	.00	.00	.00	574.10	.00	.00	.00	.00	285.33	285.33	.00
750924	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	.00	570.66	.00
750928	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	.00	570.66	.00
751003	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	285.33	.00
751007	.00	.00	.00	.00	2296.40	.00	.00	.00	.00	.00	656.26	.00
751010	8.42	.00	.00	.00	.00	.00	.00	.00	.00	.00	656.00	.00
751015	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	656.26	.00
751018	.00	.00	.00	.00	.00	.00	.00	.00	.00	285.33	.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
009 (211)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
751022	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	485.06	.00
751027	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	485.06	.00
751030	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	485.06	.00
751103	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	485.06	.00
751107	8.50	.00	.00	.00	.00	.00	.00	.00	.00	.00	656.00	.00
751109	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	656.26	.00
751111	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	485.06	.00
751115	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	285.33	.00
751120	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	285.33	.00
751126	8.25	.00	.00	.00	.00	.00	.00	.00	.00	.00	285.00	.00
751201	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	656.26	.00
751207	7.37	.00	.00	.00	.00	.00	.00	.00	.00	.00	656.00	.00
751212	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	855.99	.00
751218	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	656.26	.00
751226	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	485.00	.00
760104	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	322.42	.00
760115	.00	.00	.00	.00	.00	.00	.00	.00	.00	199.73	171.20	.00
760124	.00	.00	.00	.00	.23	.00	.00	.00	.00	202.58	370.93	.00
760209	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	913.06	.00
760222	.00	.00	.00	.00	.00	.00	.00	.00	.00	28.53	313.86	.00
760306	.00	.00	.00	.00	574.10	.00	.00	.00	.00	85.60	171.20	.00
760319	.00	.00	.00	.00	.00	.00	.00	.00	.00	85.60	171.20	.00
760324	.00	.00	.00	.00	574.10	.00	.00	.00	.00	171.20	142.67	.00
760330	.00	.00	.00	.00	.00	.00	.00	.00	.00	171.20	256.80	.00
760404	.00	.00	.00	.00	.00	.00	.00	.00	.00	171.20	57.07	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
009 (211)

DATE	PH	COND UMOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
760410	.00	.00	.00	.00	574.10	.00	.00	.00	.00	85.60	313.86	.00
760416	.00	.00	.00	.00	.00	.00	.00	.00	.00	171.20	199.73	.00
760420	.00	.00	.00	.00	574.10	.00	.00	.00	.00	171.20	199.73	.00
760502	.00	.00	.00	.00	574.10	.00	.00	.00	.00	171.20	199.73	.00
760506	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	.00	.00	.00
760511	.00	.00	141.94	4.12	1148.20	.00	.00	.00	.00	.00	353.81	.00
760513	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	313.86	.00
760517	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	228.26	.00
760520	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	285.33	.00
760526	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	313.86	.00
760603	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	313.86	.00
760616	.00	.00	.00	.00	2870.50	.00	.00	.00	.00	.00	313.86	.00
760622	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	.00	342.40	.00
760630	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	285.33	.00
760709	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	313.86	.00
760714	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	313.86	.00
760722	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	.00	313.86	.00
760819	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.56	279.62	.00
760925	.00	.00	.00	.00	.00	.00	.00	.00	.00	19.97	353.81	.00
761011	.00	.00	.00	.00	574.10	.00	.00	.00	.00	256.80	713.33	.00
761020	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	199.73	.00
761029	.00	.00	.00	.00	.00	.00	.00	.00	.00	11.41	205.44	.00
761104	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	305.30	.00
761115	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	.00	228.26	.00
761124	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	256.80	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
009 (211)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
761203	.00	.00	.00	.00	574.10	.00	.00	.00	.00	19.97	171.20	.00
761207	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	28.53	199.73	.00
761213	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	273.92	.00
761220	.00	.00	.00	.00	574.10	.00	.00	.00	.00	42.80	399.46	.00
761230	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	.00	.00	.00
770113	.00	.00	.00	.00	574.10	.00	.00	.00	.00	39.95	244.14	.00
770130	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	228.26	.00
770206	.00	.00	.00	.00	.00	.00	.00	.00	.00	39.95	359.52	.00
770214	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	159.78	.00
770215	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	342.40	.00
770305	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	256.80	.00
770325	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	225.41	.00
770426	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	256.80	.00
770512	.00	.00	.00	.00	574.10	.00	.00	.00	.00	408.02	11255.45	.00
770521	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	467.94	.00
770602	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
770609	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	291.04	.00
770614	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	273.92	.00
770715	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	.00	.00
770804	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	.00	.00
770827	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
770906	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	.00	.00
770913	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
770925	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	.00	439.41	.00
771004	.00	.00	.00	.00	.00	.00	.00	.00	.00	68.48	485.06	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
009 (211)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	MC03 MG/L	NH3 MG/L
771027	8.00	.00	.00	.00	574.10	.00	.00	.00	.00	31.39	239.68	.00
780210	7.55	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	150.00	.00
780215	8.08	.00	64.00	.00	574.10	.00	.00	.01	.00	-11.00	171.00	.00
780223	8.15	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	183.00	.00
780308	7.88	.00	41.00	.00	574.10	.00	.00	.01	.01	-11.00	123.00	.00
780316	7.36	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	183.00	.00
780323	8.02	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	151.00	.00
780329	8.08	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	183.00	.00
780406	8.19	.00	38.00	.00	574.10	.00	.00	.01	.02	-11.00	183.00	.00
780411	8.40	.00	.00	.00	1722.30	.00	.00	.00	.00	-11.00	131.00	.00
780423	8.15	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	151.00	.00
780427	8.43	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	183.00	.00
780511	8.06	.00	50.00	.00	574.10	.00	.00	.01	.05	-11.00	151.00	.00
780525	8.13	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	123.00	.00
780608	8.22	.00	36.00	.00	574.10	.00	.00	.01	.03	-11.00	181.00	.00
780614	7.97	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	151.00	.00
780622	8.32	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	183.00	.00
780629	8.18	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	91.00	.00
780706	8.11	.00	47.00	.00	574.10	.00	.00	.01	.00	-11.00	209.00	.00
780727	8.50	.00	.00	.00	574.10	.00	.00	.00	.00	11.00	134.00	.00
780803	8.16	.00	42.00	.00	574.10	.00	.00	.01	.00	-11.00	151.00	.00
780810	8.15	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	183.00	.00
780817	8.36	.00	.00	.00	1148.20	.00	.00	.00	.00	-11.00	151.00	.00
780825	7.50	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	211.00	.00
780831	8.05	.00	42.00	.00	574.10	.00	.00	.01	.00	-11.00	151.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
009 (211)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
780907	8.10	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	183.00	.00
780914	7.89	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	214.00	.00
780921	8.13	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	183.00	.00
780928	.00	.00	35.00	.00	574.10	.00	.00	-.01	.00	-11.00	151.00	.00
781005	8.07	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	183.00	.00
781012	8.31	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	151.00	.00
781019	7.81	.00	37.00	.00	574.10	.00	.00	-.01	.01	-11.00	183.00	.00
781102	7.88	.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	163.00	.00
781109	7.30	.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	214.00	.00
781117	7.90	.00	40.00	.00	574.10	.00	.00	-.02	.00	-1.00	183.00	.00
790118	6.45	.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	145.00	.00
790220	9.70	.00	66.00	14.00	574.10	.00	.00	-.01	.00	39.00	329.00	.00
790314	8.10	.00	65.00	9.00	574.10	.00	.00	-.01	.01	-1.00	165.00	.00
790329	7.20	.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	158.00	.00
790403	9.50	.00	27.00	14.00	574.10	.00	.00	-.01	.00	207.00	639.00	.00
790417	8.40	390.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	159.00	.00
790506	7.60	365.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	212.00	.00
790515	7.85	495.00	.00	.00	574.10	.00	.00	.00	.00	1.00	225.00	.00
790613	8.45	495.00	.00	.00	574.10	12.00	193.00	-.01	-.01	3.00	192.00	.00
790626	8.20	575.00	.00	.00	574.10	.00	.00	.00	.00	3.00	212.00	.00
790710	7.80	600.00	.00	.00	574.10	.00	.00	-.01	-.01	-1.00	199.00	.00
790726	7.70	560.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	189.00	.00
790829	8.20	580.00	.00	.00	574.10	.00	.00	-1.00	-1.00	-1.00	194.00	.00
790916	8.20	510.00	.00	.00	574.10	.00	.00	-1.00	-1.00	-1.00	194.00	.00
790926	8.50	480.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	185.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
009 (211)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
791010	8.60	510.00	51.10	6.38	574.10	17.00	147.00	-.01	-.01	-1.00	180.00	-.10
791023	8.50	500.00	.00	.00	574.10	9.00	163.00	.00	.00	3.00	232.00	.00
791106	7.60	485.00	63.40	27.40	574.10	8.00	160.00	.03	-.01	-1.00	208.00	.18
791123	7.80	450.00	.00	.00	574.10	7.00	170.00	.00	.00	6.00	191.00	.00
791204	7.80	410.00	84.80	51.00	574.10	7.00	66.00	-.01	-.01	6.00	258.00	.10
791218	7.70	450.00	.00	.00	574.10	7.00	121.00	.00	.00	18.00	172.00	.00
800103	8.20	445.00	42.30	6.00	574.10	19.00	.00	-.01	-.01	-1.00	202.00	.13
800115	8.30	425.00	.00	.00	574.10	20.00	97.00	.00	.00	-1.00	184.00	.00
800203	7.83	360.00	.00	.00	574.10	12.00	109.00	.00	.00	-1.00	203.00	.00
800212	7.70	440.00	67.00	90.90	2296.40	12.00	178.00	-.01	-.01	-1.00	184.00	.33
800226	8.24	450.00	.00	.00	574.10	15.00	137.00	.00	.00	-1.00	190.00	.00
800311	8.28	450.00	73.70	73.20	574.10	11.00	63.00	-.01	-.01	-1.00	227.00	.11
800325	8.16	460.00	.00	.00	574.10	9.00	146.00	.00	.00	-1.00	196.00	.00
800409	8.04	450.00	98.40	23.60	1148.20	13.00	132.00	-.01	-.01	-1.00	201.00	.11
800422	8.35	500.00	.00	.00	574.10	14.00	128.00	.00	.00	-1.00	183.00	.00
800507	7.64	450.00	97.40	38.00	574.10	15.00	156.00	-.01	-.01	-1.00	183.00	.15
800520	8.35	550.00	.00	.00	574.10	11.00	188.00	.00	.00	-1.00	152.00	.00
800604	8.50	650.00	59.80	99.90	574.10	15.00	130.00	-.01	-.01	-1.00	195.00	.12
800618	7.68	520.00	.00	.00	574.10	18.00	119.00	.00	.00	-1.00	200.00	.00
800702	8.16	540.00	46.00	33.00	574.10	13.00	103.00	-.01	-.01	-1.00	195.00	-.10
800715	8.18	490.00	.00	.00	574.10	14.00	132.00	.00	.00	-1.00	183.00	.00
800729	8.05	560.00	.00	.00	574.10	13.00	168.00	.00	.00	-1.00	180.00	.00
800811	8.30	520.00	24.70	2.70	574.10	12.00	152.00	-.01	-.01	-1.00	169.00	.10
800825	8.31	505.00	.00	.00	574.10	11.00	146.00	.00	.00	-1.00	183.00	.00
800910	8.05	520.00	24.30	11.90	574.10	12.00	189.00	-.01	-.01	-1.00	189.00	.16

SOLUTION MINE WELLS
ORIGINAL PILOT
009 (211)

DATE	PH	COND UHOM/CH	RA226 PCI/L	TM230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
800923	8.54	500.00	.00	.00	574.10	11.00	142.00	.00	.00	6.00	183.00	.00
801008	8.33	500.00	.00	.00	574.10	14.00	171.00	.00	.00	-1.00	207.00	.00
801020	8.44	500.00	.00	.00	574.10	10.00	147.00	.00	.00	-1.00	201.00	.00
801103	8.57	515.00	46.00	23.00	574.10	10.00	167.00	-.01	-.01	-1.00	207.00	-.10
801117	8.23	445.00	.00	.00	574.10	11.00	139.00	.00	.00	-1.00	201.00	.00
801202	8.50	450.00	.00	.00	574.10	13.00	157.00	.00	.00	6.00	163.00	.00
801215	8.22	450.00	.00	.00	574.10	11.00	163.00	.00	.00	-1.00	165.00	.00
801230	8.45	480.00	.00	.00	574.10	10.00	136.00	.00	.00	-1.00	193.00	.00
810113	7.90	1000.00	46.00	10.00	574.10	10.00	137.00	-.01	-.01	-1.00	152.00	.12
810128	8.85	370.00	.00	.00	1148.20	9.00	143.00	.00	.00	6.00	183.00	.00
810212	8.45	450.00	.00	.00	574.10	8.00	148.00	.00	.00	6.00	195.00	.00
810226	8.02	440.00	.00	.00	574.10	11.00	118.00	.00	.00	-1.00	189.00	.00
810310	7.34	460.00	67.00	1.20	574.10	12.00	148.00	-.01	-.01	-1.00	177.00	.18
810324	7.94	490.00	.00	.00	574.10	11.00	176.00	.00	.00	-1.00	198.00	.00
810403	8.55	590.00	761.30	1.00	574.10	14.00	179.00	.00	.00	6.00	189.00	.06
810423	8.12	500.00	.00	.00	574.10	13.00	153.00	.00	.00	-1.00	180.00	.00
810519	8.10	460.00	.00	.00	574.10	15.00	172.00	.00	.00	-1.00	186.00	.00
810602	7.92	430.00	.00	.00	574.00	15.00	160.00	.00	.00	-1.00	189.00	.00
810617	8.30	440.00	.00	.00	574.10	16.00	148.00	.00	.00	-1.00	187.00	.09
810702	8.25	425.00	.00	.00	574.10	17.00	154.00	.00	.00	-1.00	196.00	.00
810714	7.95	550.00	54.50	1.00	574.10	13.00	157.00	.00	.00	-1.00	182.00	.07
810729	8.28	500.00	.00	.00	574.10	18.00	148.00	.00	.00	18.00	148.00	.00
810813	8.20	500.00	.00	.00	574.10	14.00	156.00	.00	.00	-1.00	185.00	.00
810826	8.25	550.00	.00	.00	574.10	18.00	142.00	.00	.00	-1.00	190.00	.00
810911	7.65	400.00	38.25	1.00	574.10	15.00	148.00	.00	.00	-1.00	123.00	.06

SOLUTION MINE WELLS
ORIGINAL PILOT
009 (211)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
810923	8.05	440.00	.00	.00	574.10	16.00	152.00	.00	.00	-1.00	82.00	.00
811006	7.17	430.00	.00	.00	574.10	15.00	141.00	.00	.00	-1.00	190.00	.00
811020	8.05	400.00	.00	.00	1722.30	12.00	147.00	.00	.00	-1.00	195.00	.00
811103	7.72	430.00	43.00	1.00	574.10	12.00	127.00	.00	.00	-1.00	190.00	.05
811117	7.75	450.00	.00	.00	574.10	13.00	139.00	.00	.00	-1.00	193.00	.00
811201	7.70	380.00	.00	.00	574.10	12.00	142.00	.00	.00	-1.00	207.00	.00
811215	7.96	420.00	.00	.00	574.10	14.00	151.00	.00	.00	-1.00	195.00	.00
811231	7.85	390.00	.00	.00	574.10	13.00	137.00	.00	.00	-1.00	190.00	.00
820111	7.80	390.00	46.00	.00	574.10	14.00	149.00	.00	.00	-1.00	195.00	.00
820124	7.40	460.00	.00	.00	574.10	10.00	136.00	.00	.00	-1.00	136.00	.00
820308	7.90	300.00	.00	.00	574.10	5.00	133.00	.00	.00	.00	.00	.00
820511	8.20	.00	.00	.00	574.10	3.00	151.00	.00	.00	.00	.00	.00
820726	7.40	280.00	.00	.00	574.10	13.00	151.00	.00	.00	-1.00	202.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
0010 (212)

DATE	PH	COND UMOM/CM	RA226 PCI/L	TM230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
710406	.00	.00	.00	.00	.00	16.00	.00	.00	.00	.00	.00	.00
710409	.00	.00	.00	.00	.00	8.00	.00	.00	.00	.00	.00	.00
710410	.00	.00	.00	.00	.00	16.00	.00	.00	.00	.00	.00	.00
710411	.00	.00	.00	.00	.00	10.00	.00	.00	.00	.00	.00	.00
710412	.00	.00	.00	.00	.00	12.00	.00	.00	.00	.00	.00	.00
710413	.00	.00	.00	.00	.00	12.00	.00	.00	.00	.00	.00	.00
710414	.00	.00	.00	.00	.00	18.00	.00	.00	.00	.00	.00	.00
710415	.00	.00	.00	.00	.00	18.00	.00	.00	.00	.00	.00	.00
710416	.00	.00	.00	.00	.00	12.00	.00	.00	.00	.00	.00	.00
710417	.00	.00	.00	.00	.00	11.00	.00	.00	.00	.00	.00	.00
710418	.00	.00	.00	.00	.00	9.00	.00	.00	.00	.00	.00	.00
710420	.00	.00	.00	.00	.00	12.00	.00	.00	.00	.00	.00	.00
710422	.00	.00	.00	.00	.00	12.00	.00	.00	.00	.00	.00	.00
710425	.00	.00	.00	.00	.00	128.00	.00	.00	.00	.00	.00	.00
710502	.00	.00	.00	.00	.00	16.00	.00	.00	.00	.00	.00	.00
710516	.00	.00	.00	.00	.00	-.20	.00	.00	.00	.00	.00	.00
710517	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
710518	.00	.00	.00	.00	.00	.90	.00	.00	.00	.00	.00	.00
710519	.00	.00	.00	.00	.00	1.00	.00	.00	.00	.00	.00	.00
710520	.00	.00	.00	.00	.00	.50	.00	.00	.00	.00	.00	.00
710521	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
710522	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00
710523	.00	.00	.00	.00	.00	.20	.00	.00	.00	.00	.00	.00
710524	.00	.00	.00	.00	.00	20.00	.00	.00	.00	.00	.00	.00
710525	.00	.00	.00	.00	.00	19.00	.00	.00	.00	.00	.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
0010 (212)

DATE	PH	COND UMOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	C03 MG/L	HC03 MG/L	NH3 MG/L
710526	.00	.00	.00	.00	.00	.50	.00	.00	.00	.00	.00	.00
710527	.00	.00	.00	.00	.00	24.00	.00	.00	.00	.00	.00	.00
710528	.00	.00	.00	.00	.00	16.00	.00	.00	.00	.00	.00	.00
710529	.00	.00	.00	.00	.00	12.00	.00	.00	.00	.00	.00	.00
710530	.00	.00	.00	.00	.00	16.00	.00	.00	.00	.00	.00	.00
710531	.00	.00	.00	.00	.00	15.00	.00	.00	.00	.00	.00	.00
710601	.00	.00	.00	.00	.00	20.00	.00	.00	.00	.00	.00	.00
710602	.00	.00	.00	.00	.00	16.00	.00	.00	.00	.00	.00	.00
710603	.00	.00	.00	.00	.00	20.00	.00	.00	.00	.00	.00	.00
710604	.00	.00	.00	.00	.00	16.00	.00	.00	.00	.00	.00	.00
710605	.00	.00	.00	.00	.00	16.00	.00	.00	.00	.00	.00	.00
710606	.00	.00	.00	.00	.00	20.00	.00	.00	.00	.00	.00	.00
710608	.00	.00	.00	.00	.00	12.00	.00	.00	.00	.00	.00	.00
710609	.00	.00	.00	.00	.00	32.00	.00	.00	.00	.00	.00	.00
710610	.00	.00	.00	.00	.00	16.00	.00	.00	.00	.00	.00	.00
710611	.00	.00	.00	.00	.00	20.00	.00	.00	.00	.00	.00	.00
710612	.00	.00	.00	.00	.00	21.00	.00	.00	.00	.00	.00	.00
710613	.00	.00	.00	.00	.00	20.00	.00	.00	.00	.00	.00	.00
710614	.00	.00	.00	.00	.00	20.00	.00	.00	.00	.00	.00	.00
710615	.00	.00	.00	.00	.00	20.00	.00	.00	.00	.00	.00	.00
710616	.00	.00	.00	.00	.00	24.00	.00	.00	.00	.00	.00	.00
710620	.00	.00	.00	.00	.00	20.00	.00	.00	.00	.00	.00	.00
710621	.00	.00	.00	.00	.00	24.00	.00	.00	.00	.00	.00	.00
710622	.00	.00	.00	.00	.00	24.00	.00	.00	.00	.00	.00	.00
710914	.00	.00	.00	.00	.00	36.00	.00	.00	.00	.00	.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
0010 (212)

DATE	PH	COND UHOM/CH	RA226 PCI/L	TM230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
750523	.00	.00	.00	.00	574.10	.00	.00	.00	.00	228.26	199.73	.00
750612	.00	.00	.00	.00	.00	.00	.00	.00	.00	456.53	.00	.00
750701	.00	.00	.00	.00	.00	.00	.00	.00	.00	456.53	.00	.00
750818	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
750821	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	.00	285.33	.00
750824	.00	.00	.00	.00	4592.80	.00	.00	.00	.00	285.33	.00	.00
750905	.00	.00	.00	.00	7463.30	.00	.00	.00	.00	.00	285.33	.00
750908	.00	.00	.00	.00	7463.30	.00	.00	.00	.00	.00	570.66	.00
750911	.00	.00	.00	.00	7463.30	.00	.00	.00	.00	.00	285.33	.00
750915	.00	.00	.00	.00	7463.30	.00	.00	.00	.00	.00	570.66	.00
750918	.00	.00	.00	.00	8037.40	.00	.00	.00	.00	285.33	285.33	.00
750921	.00	.00	.00	.00	5741.00	.00	.00	.00	.00	285.33	.00	.00
750924	.00	.00	.00	.00	8037.40	.00	.00	.00	.00	.00	570.66	.00
750928	.00	.00	.00	.00	9165.60	.00	.00	.00	.00	.00	285.33	.00
751003	.00	.00	.00	.00	8611.50	.00	.00	.00	.00	285.33	285.33	.00
751007	.00	.00	.00	.00	8037.40	.00	.00	.00	.00	.00	656.26	.00
751015	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	656.26	.00
751018	.00	.00	.00	.00	9185.60	.00	.00	.00	.00	285.33	285.33	.00
751022	.00	.00	.00	.00	8611.50	.00	.00	.00	.00	.00	485.06	.00
751027	.00	.00	.00	.00	6889.20	.00	.00	.00	.00	.00	656.26	.00
751030	.00	.00	.00	.00	8611.50	.00	.00	.00	.00	199.73	313.86	.00
751103	.00	.00	.00	.00	4363.10	.00	.00	.00	.00	.00	485.06	.00
751107	.00	.00	.00	.00	4363.10	.00	.00	.00	.00	.00	656.26	.00
751111	.00	.00	.00	.00	4363.10	.00	.00	.00	.00	.00	485.06	.00
751115	.00	.00	.00	.00	4363.10	.00	.00	.00	.00	.00	285.33	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
0010 (212)

DATE	PH	COND UMOM/CM	RA226 PCI/L	TH230 PCI/L	THAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
751120	.00	.00	.00	.00	4363.10	.00	.00	.00	.00	285.33	285.33	.00
751126	.00	.00	.00	.00	4363.10	.00	.00	.00	.00	.00	570.66	.00
751201	.00	.00	.00	.00	4363.10	.00	.00	.00	.00	.00	798.92	.00
751207	8.19	.00	.00	.00	8037.00	.00	.00	.00	.00	.00	656.00	.00
751212	.00	.00	.00	.00	9759.70	.00	.00	.00	.00	.00	570.66	.00
751218	.00	.00	.00	.00	7463.30	.00	.00	.00	.00	199.73	285.33	.00
751226	.00	.00	.00	.00	8611.50	.00	.00	.00	.00	.00	485.06	.00
760104	.00	.00	.00	.00	6315.10	.00	.00	.00	.00	.00	450.82	.00
760115	.00	.00	.00	.00	8611.50	.00	.00	.00	.00	199.73	171.20	.00
760124	.00	.00	.00	.00	9759.70	.00	.00	.00	.00	202.58	162.64	.00
760209	.00	.00	.00	.00	6889.20	.00	.00	.00	.00	11.41	485.06	.00
760222	.00	.00	.00	.00	6889.20	.00	.00	.00	.00	85.60	313.86	.00
760306	.00	.00	.00	.00	6889.20	.00	.00	.00	.00	85.60	342.40	.00
760319	.00	.00	.00	.00	5741.00	.00	.00	.00	.00	171.20	370.43	.00
760324	.00	.00	.00	.00	5166.90	.00	.00	.00	.00	114.13	228.26	.00
760330	.00	.00	.00	.00	4592.80	.00	.00	.00	.00	85.60	313.86	.00
760404	.00	.00	.00	.00	6315.10	.00	.00	.00	.00	171.20	142.67	.00
760410	.00	.00	.00	.00	4592.80	.00	.00	.00	.00	85.60	256.80	.00
760416	.00	.00	.00	.00	.00	.00	.00	.00	.00	114.13	228.26	.00
760420	.00	.00	.00	.00	5166.90	.00	.00	.00	.00	171.20	199.73	.00
760502	.00	.00	.00	.00	5741.00	.00	.00	.00	.00	114.13	199.73	.00
760506	.00	.00	.00	.00	4018.70	.00	.00	.00	.00	.00	.00	.00
760511	.00	.00	47.87	1.27	6889.20	.00	.00	.00	.00	.00	353.81	.00
760513	.00	.00	.00	.00	4018.70	.00	.00	.00	.00	.00	370.93	.00
760517	.00	.00	.00	.00	5166.90	.00	.00	.00	.00	.00	342.40	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
0010 (212)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
760520	.00	.00	.00	.00	4010.70	.00	.00	.00	.00	.00	342.40	.00
760526	.00	.00	.00	.00	5166.90	.00	.00	.00	.00	.00	342.40	.00
760603	.00	.00	.00	.00	2870.50	.00	.00	.00	.00	.00	370.93	.00
760616	.00	.00	.00	.00	6669.20	.00	.00	.00	.00	.00	370.93	.00
760622	.00	.00	.00	.00	5166.90	.00	.00	.00	.00	.00	313.86	.00
760630	.00	.00	.00	.00	3444.60	.00	.00	.00	.00	.00	342.40	.00
760709	.00	.00	.00	.00	3444.60	.00	.00	.00	.00	28.53	456.53	.00
760714	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	.00	342.40	.00
760722	.00	.00	.00	.00	2870.50	.00	.00	.00	.00	.00	342.40	.00
760819	.00	.00	.00	.00	2870.50	.00	.00	.00	.00	25.68	302.45	.00
760925	.00	.00	.00	.00	2870.50	.00	.00	.00	.00	82.75	194.02	.00
761011	.00	.00	.00	.00	3444.60	.00	.00	.00	.00	2.85	316.72	.00
761020	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	25.68	256.80	.00
761029	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	31.39	302.45	.00
761104	.00	.00	.00	.00	4592.80	.00	.00	.00	.00	39.95	242.53	.00
761115	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	19.97	256.80	.00
761124	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	19.97	285.33	.00
761203	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	39.95	199.73	.00
761207	.00	.00	.00	.00	2296.40	.00	.00	.00	.00	57.07	171.20	.00
761213	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	19.97	291.04	.00
761220	.00	.00	.00	.00	4018.70	.00	.00	.00	.00	42.80	399.46	.00
761230	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	.00	.00	.00
770113	.00	.00	.00	.00	2870.50	.00	.00	.00	.00	39.95	291.04	.00
770130	.00	.00	.00	.00	2870.50	.00	.00	.00	.00	39.95	285.33	.00
770206	.00	.00	.00	.00	2870.50	.00	.00	.00	.00	19.95	328.13	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
0010 (212)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
770214	.00	.00	.00	.00	2870.50	.00	.00	.00	.00	19.97	291.04	.00
770220	.00	.00	.00	.00	2296.40	.00	.00	.00	.00	.00	342.40	.00
770227	.00	.00	.00	.00	2870.50	.00	.00	.00	.00	82.75	570.66	.00
770305	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	.00	322.42	.00
770312	.00	.00	.00	.00	4592.80	.00	.00	.00	.00	39.95	313.86	.00
770325	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	.00	291.04	.00
770426	.00	.00	.00	.00	2296.40	.00	.00	.00	.00	.00	322.42	.00
770506	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	.00	322.42	.00
770512	.00	.00	.00	.00	2870.50	.00	.00	.00	.00	39.95	322.42	.00
770521	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	442.26	.00
770602	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	.00	.00	.00
770609	.00	.00	.00	.00	3444.60	.00	.00	.00	.00	19.97	339.54	.00
770614	.00	.00	.00	.00	2296.40	.00	.00	.00	.00	19.97	308.16	.00
770701	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	.00	.00
770804	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	.00	.00	.00
770827	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	.00	.00	.00
770906	.00	.00	.00	.00	2870.50	.00	.00	.00	.00	.00	.00	.00
770913	.00	.00	.00	.00	2296.40	.00	.00	.00	.00	.00	.00	.00
770925	.00	.00	.00	.00	2296.40	.00	.00	.00	.00	11.41	191.17	.00
771004	.00	.00	.00	.00	2296.40	.00	.00	.00	.00	205.44	556.39	.00
771027	.00	.00	.00	.00	2870.50	.00	.00	.00	.00	31.39	231.12	.00
780210	7.85	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	180.00	.00
780215	8.47	.00	55.00	.00	2296.40	.00	.00	.05	.00	31.00	240.00	.00
780223	8.14	.00	.00	.00	2296.40	.00	.00	.00	.00	-11.00	183.00	.00
780308	8.18	.00	43.00	.00	1722.30	.00	.00	.02	.02	-11.00	243.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
0010 (212)

DATE	PH	COND UHDM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
780316	8.04	.00	.00	.00	1722.30	.00	.00	.00	.00	-11.00	243.00	.00
780323	8.25	.00	.00	.00	2870.50	.00	.00	.00	.00	-11.00	214.00	.00
780329	8.22	.00	.00	.00	2870.50	.00	.00	.00	.00	-11.00	183.00	.00
780406	8.33	.00	44.00	.00	2870.50	.00	.00	.01	.02	-11.00	214.00	.00
780411	8.62	.00	.00	.00	1722.30	.00	.00	.00	.00	-11.00	243.00	.00
780423	8.59	.00	.00	.00	2296.40	.00	.00	.00	.00	-11.00	214.00	.00
780427	8.51	.00	.00	.00	2870.50	.00	.00	.00	.00	-11.00	183.00	.00
780511	8.23	.00	88.00	.00	1722.30	.00	.00	.00	.00	-11.00	214.00	.00
780525	8.25	.00	.00	.00	1722.30	.00	.00	.00	.00	-11.00	183.00	.00
780608	8.27	.00	35.00	.00	1722.30	.00	.00	.01	.01	-11.00	151.00	.00
780614	8.06	.00	.00	.00	3444.60	.00	.00	.00	.00	-11.00	183.00	.00
780622	8.36	.00	.00	.00	2870.50	.00	.00	.00	.00	-11.00	214.00	.00
780629	8.47	.00	.00	.00	2870.50	.00	.00	.00	.00	11.00	123.00	.00
780706	8.50	.00	6.80	.00	2870.50	.00	.00	.01	.52	31.00	243.00	.00
780713	8.17	.00	.00	.00	3444.60	.00	.00	.00	.00	-11.00	183.00	.00
780720	8.23	.00	.00	.00	2296.40	.00	.00	.00	.00	-11.00	214.00	.00
780727	8.50	.00	.00	.00	2870.50	.00	.00	.00	.00	23.00	146.00	.00
780803	8.38	.00	62.00	.00	3444.60	.00	.00	.01	.00	14.00	243.00	.00
780810	8.36	.00	.00	.00	3444.60	.00	.00	.00	.00	-11.00	214.00	.00
780817	8.51	.00	.00	.00	3444.60	.00	.00	.00	.00	-11.00	243.00	.00
780825	8.48	.00	.00	.00	1722.30	.00	.00	.00	.00	-11.00	212.00	.00
780831	8.47	.00	62.00	.00	2870.50	.00	.00	-.01	.00	-11.00	243.00	.00
780907	8.58	.00	.00	.00	3444.60	.00	.00	.00	.00	31.00	214.00	.00
780914	8.40	.00	.00	.00	3444.60	.00	.00	.00	.00	-11.00	268.00	.00
780921	8.25	.00	.00	.00	2870.50	.00	.00	.00	.00	-11.00	243.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
0010 (212)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	C03 MG/L	HC03 MG/L	NH3 MG/L
780928	8.46	.00	48.00	.00	2870.50	.00	.00	-.01	.00	-11.00	183.00	.00
781005	.00	.00	.00	.00	3444.60	.00	.00	.00	.00	-11.00	214.00	.00
781012	8.52	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	243.00	.00
781019	8.06	.00	57.00	.00	2870.50	.00	.00	-.01	.01	-11.00	274.00	.00
781102	8.12	.00	.00	.00	2870.50	.00	.00	.00	.00	-1.00	214.00	.00
781109	7.95	.00	.00	.00	2870.50	.00	.00	.00	.00	-1.00	229.00	.00
781117	8.07	.00	72.00	.00	2870.50	.00	.00	-.02	.02	-1.00	244.00	.00
790613	8.60	630.00	.00	.00	8611.50	29.00	115.00	-.01	-.01	7.00	225.00	.00
790626	8.30	560.00	.00	.00	6889.20	.00	.00	.00	.00	3.00	258.00	.00
790710	8.20	675.00	.00	.00	5166.90	.00	.00	-.01	-.01	-1.00	238.00	.00
790726	8.00	625.00	.00	.00	5166.90	.00	.00	.00	.00	3.00	246.00	.00
790829	8.20	590.00	.00	.00	4018.70	.00	.00	-.01	-.01	-1.00	194.00	.00
790916	8.30	610.00	.00	.00	5166.90	.00	.00	-.01	-.01	-1.00	218.00	.00
790926	8.70	580.00	.00	.00	4592.80	.00	.00	.00	.00	-1.00	218.00	.00
791010	8.70	530.00	51.90	47.90	4018.70	17.00	147.00	-.01	-.01	-1.00	220.00	-.10
791013	8.50	530.00	.00	.00	2870.50	7.00	160.00	.00	.00	-1.00	220.00	.00
791106	7.20	560.00	32.80	16.50	4592.80	6.00	152.00	.03	.03	-1.00	220.00	1.54
791123	7.80	450.00	.00	.00	3444.60	6.00	119.00	.00	.00	6.00	197.00	.00
791204	8.00	430.00	38.80	8.64	3444.60	10.00	152.00	-.01	-.01	3.00	221.00	.10
791218	7.40	480.00	.00	.00	4018.70	10.00	148.00	.00	.00	12.00	196.00	.00
800103	8.80	490.00	39.90	6.70	3444.60	22.00	.00	-.01	-.01	6.00	209.00	-.10
800115	8.40	490.00	.00	.00	2870.50	24.00	87.00	.00	.00	-1.00	209.00	.00
800207	8.24	390.00	.00	.00	4018.70	22.00	109.00	.00	.00	-1.00	221.00	.00
800212	7.86	490.00	26.20	19.40	4018.70	12.00	95.00	-.01	-.01	-1.00	209.00	-.10
800226	8.44	500.00	.00	.00	4018.70	12.00	121.00	.00	.00	-1.00	209.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
0010 (212)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
800313	8.18	460.00	20.70	47.10	3444.60	9.00	123.00	-.01	-.01	-1.00	230.00	.13
800325	8.36	500.00	.00	.00	4592.80	12.00	113.00	.00	.00	-1.00	227.00	.00
800409	8.32	550.00	51.10	14.40	4592.80	18.00	151.00	-.01	-.01	-1.00	226.00	-.10
800422	8.71	590.00	.00	.00	5741.00	14.00	135.00	.00	.00	6.00	214.00	.00
800506	7.95	600.00	72.00	3.75	4592.80	15.00	165.00	-.01	-.01	-1.00	220.00	-.01
800520	8.42	600.00	.00	.00	4592.80	10.00	172.00	.00	.00	-1.00	183.00	.00
800604	8.37	640.00	135.40	21.30	4018.70	22.00	166.00	-.01	-.01	-1.00	171.00	-.10
800617	8.36	610.00	.00	.00	5166.90	11.00	140.00	.00	.00	-1.00	220.00	.00
800701	8.16	510.00	51.80	15.10	5166.90	16.00	147.00	-.01	-.01	-1.00	226.00	-.10
800715	7.99	540.00	.00	.00	2670.50	13.00	155.00	.00	.00	-1.00	189.00	.00
800729	8.05	690.00	.00	.00	5741.00	27.00	134.00	.00	.00	-1.00	214.00	.00
800811	8.35	660.00	43.70	5.70	5741.00	17.00	147.00	-.01	-.01	-1.00	244.00	-.10
800825	8.35	560.00	.00	.00	5741.00	16.00	151.00	.00	.00	-1.00	227.00	.00
800910	8.08	610.00	19.40	4.50	5166.90	16.00	183.00	-.01	-.01	-1.00	232.00	.12
800922	8.66	600.00	.00	.00	5166.90	17.00	130.00	.00	.00	9.00	220.00	.00
801007	8.48	590.00	.00	.00	574.10	10.00	189.00	.00	.00	6.00	195.00	.00
801020	8.23	600.00	.00	.00	5741.00	18.00	137.00	.00	.00	-1.00	244.00	.00
801104	8.23	550.00	34.50	10.00	3444.60	13.00	130.00	-.01	-.01	-1.00	232.00	-.10
801117	8.28	485.00	.00	.00	2870.50	10.00	153.00	.00	.00	-1.00	213.00	.00
801202	8.01	440.00	.00	.00	1722.30	10.00	145.00	.00	.00	-1.00	195.00	.00
801215	8.28	475.00	.00	.00	1148.20	11.00	166.00	.00	.00	-1.00	171.00	.00
801230	8.60	490.00	.00	.00	2296.40	11.00	144.00	.00	.00	6.00	177.00	.00
810113	7.70	475.00	77.00	.00	1722.30	9.00	154.00	-.01	-.01	-1.00	177.00	.11
810128	8.55	460.00	.00	.00	1148.20	10.00	159.00	.00	.00	6.00	195.00	.00
810212	8.41	450.00	.00	.00	1148.20	12.00	174.00	.00	.00	3.00	226.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
0010 (212)

DATE	PH	COND UMOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
810226	7.75	450.00	.00	.00	1148.20	14.00	161.00	.00	.00	-1.00	220.00	.00
810310	7.15	540.00	219.00	1.10	1148.20	12.00	161.00	-.01	-.01	-1.00	198.00	.21
810324	7.87	530.00	.00	.00	1722.30	14.00	175.00	.00	.00	-1.00	223.00	.00
810407	6.50	490.00	82.53	1.00	1148.20	13.00	164.00	.00	.00	6.00	201.00	.08
810423	7.90	550.00	.00	.00	1722.30	13.00	157.00	.00	.00	-1.00	220.00	.00
810519	8.18	540.00	.00	.00	1722.30	16.00	182.00	.00	.00	-1.00	235.00	.00
810602	7.89	490.00	.00	.00	1722.30	20.00	161.00	.00	.00	-1.00	226.00	.00
810617	8.25	600.00	.00	.00	1722.30	30.00	163.00	.00	.00	-1.00	229.00	.00
810702	8.20	700.00	.00	.00	1148.20	44.00	169.00	.00	.00	-1.00	229.00	.00
810714	7.75	675.00	99.17	1.00	1148.20	18.00	175.00	.00	.00	-1.00	226.00	.04
810727	8.16	625.00	.00	.00	1148.20	22.00	165.00	.00	.00	-1.00	215.00	.00
810813	8.05	610.00	.00	.00	1148.20	20.00	190.00	.00	.00	-1.00	228.00	.00
810826	8.15	675.00	.00	.00	1148.20	22.00	166.00	.00	.00	-1.00	231.00	.00
810911	8.18	340.00	90.65	1.00	1148.20	20.00	150.00	.00	.00	-1.00	236.00	.08
810923	8.02	550.00	.00	.00	1722.30	22.00	184.00	.00	.00	-1.00	235.00	.00
811006	7.50	500.00	.00	.00	574.10	19.00	169.00	.00	.00	-1.00	232.00	.00
811020	7.95	440.00	.00	.00	2870.50	18.00	180.00	.00	.00	-1.00	239.00	.00
811103	7.96	520.00	121.00	1.00	1722.30	17.00	178.00	.00	.00	-1.00	234.00	.06
811117	7.50	560.00	.00	.00	1148.20	16.00	177.00	.00	.00	-1.00	220.00	.00
811201	7.51	450.00	.00	.00	1722.30	19.00	178.00	.00	.00	-1.00	222.00	.00
811215	7.75	440.00	.00	.00	1722.30	18.00	180.00	.00	.00	-1.00	233.00	.00
811231	7.50	460.00	.00	.00	1148.20	15.00	166.00	.00	.00	-1.00	171.00	.00
820111	7.80	420.00	140.00	.00	1722.30	18.00	180.00	.00	.00	-1.00	239.00	.00
820124	7.45	570.00	.00	.00	1722.30	15.00	162.00	.00	.00	-1.00	235.00	.00
820308	8.00	350.00	.00	.00	1722.30	9.00	152.00	.00	.00	.00	.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
0010 (212)

DATE	PH	COND UMOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
820511	8.30	.00	.00	.00	1148.20	13.00	149.00	.00	.00	.00	.00	.00
820726	7.50	550.00	.00	.00	1722.30	13.00	176.00	.00	.00	-1.00	202.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
0011 (213)

DATE	PH	COND UMOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
710408	.00	.00	.00	.00	.00	16.00	.00	.00	.00	.00	.00	.00
710409	.00	.00	.00	.00	.00	6.00	.00	.00	.00	.00	.00	.00
710410	.00	.00	.00	.00	.00	12.00	.00	.00	.00	.00	.00	.00
710411	.00	.00	.00	.00	.00	10.00	.00	.00	.00	.00	.00	.00
710412	.00	.00	.00	.00	.00	8.00	.00	.00	.00	.00	.00	.00
710413	.00	.00	.00	.00	.00	8.00	.00	.00	.00	.00	.00	.00
710414	.00	.00	.00	.00	.00	18.00	.00	.00	.00	.00	.00	.00
710415	.00	.00	.00	.00	.00	28.00	.00	.00	.00	.00	.00	.00
710416	.00	.00	.00	.00	.00	26.00	.00	.00	.00	.00	.00	.00
710417	.00	.00	.00	.00	.00	34.00	.00	.00	.00	.00	.00	.00
710418	.00	.00	.00	.00	.00	23.00	.00	.00	.00	.00	.00	.00
710420	.00	.00	.00	.00	.00	32.00	.00	.00	.00	.00	.00	.00
710422	.00	.00	.00	.00	.00	56.00	.00	.00	.00	.00	.00	.00
710425	.00	.00	.00	.00	.00	56.00	.00	.00	.00	.00	.00	.00
710502	.00	.00	.00	.00	.00	28.00	.00	.00	.00	.00	.00	.00
710516	.00	.00	.00	.00	.00	1.20	.00	.00	.00	.00	.00	.00
710517	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
710518	.00	.00	.00	.00	.00	.80	.00	.00	.00	.00	.00	.00
710519	.00	.00	.00	.00	.00	1.00	.00	.00	.00	.00	.00	.00
710520	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
710521	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
710522	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00
710523	.00	.00	.00	.00	.00	.20	.00	.00	.00	.00	.00	.00
710524	.00	.00	.00	.00	.00	108.00	.00	.00	.00	.00	.00	.00
710525	.00	.00	.00	.00	.00	127.00	.50	.00	.00	.00	.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
0011 (213)

DATE	PH	COND UMOH/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
710526	.00	.00	.00	.00	.00	.50	.00	.00	.00	.00	.00	.00
710527	.00	.00	.00	.00	.00	120.00	.00	.00	.00	.00	.00	.00
710528	.00	.00	.00	.00	.00	176.00	.00	.00	.00	.00	.00	.00
710529	.00	.00	.00	.00	.00	123.00	.00	.00	.00	.00	.00	.00
710530	.00	.00	.00	.00	.00	134.00	.00	.00	.00	.00	.00	.00
710531	.00	.00	.00	.00	.00	129.00	.00	.00	.00	.00	.00	.00
710601	.00	.00	.00	.00	.00	140.00	.00	.00	.00	.00	.00	.00
710602	.00	.00	.00	.00	.00	132.00	.00	.00	.00	.00	.00	.00
710603	.00	.00	.00	.00	.00	120.00	.00	.00	.00	.00	.00	.00
710604	.00	.00	.00	.00	.00	120.00	.00	.00	.00	.00	.00	.00
710605	.00	.00	.00	.00	.00	120.00	.00	.00	.00	.00	.00	.00
710606	.00	.00	.00	.00	.00	122.00	.00	.00	.00	.00	.00	.00
710608	.00	.00	.00	.00	.00	120.00	.00	.00	.00	.00	.00	.00
710609	.00	.00	.00	.00	.00	120.00	.00	.00	.00	.00	.00	.00
710610	.00	.00	.00	.00	.00	116.00	.00	.00	.00	.00	.00	.00
710611	.00	.00	.00	.00	.00	116.00	.00	.00	.00	.00	.00	.00
710612	.00	.00	.00	.00	.00	108.00	.00	.00	.00	.00	.00	.00
710613	.00	.00	.00	.00	.00	108.00	.00	.00	.00	.00	.00	.00
710614	.00	.00	.00	.00	.00	108.00	.00	.00	.00	.00	.00	.00
710615	.00	.00	.00	.00	.00	108.00	.00	.00	.00	.00	.00	.00
710616	.00	.00	.00	.00	.00	116.00	.00	.00	.00	.00	.00	.00
710620	.00	.00	.00	.00	.00	106.00	.00	.00	.00	.00	.00	.00
710621	.00	.00	.00	.00	.00	114.00	.00	.00	.00	.00	.00	.00
710622	.00	.00	.00	.00	.00	100.00	.00	.00	.00	.00	.00	.00
710914	.00	.00	.00	.00	.00	56.00	.00	.00	.00	.00	.00	.00

SOLUTION MINE WELLS
ORIGINAL PLOT
0011 (213)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SD4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
750523	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
750612	.00	.00	.00	.00	.00	.00	.00	.00	.00	456.53	.00	.00
750701	.00	.00	.00	.00	.00	.00	.00	.00	.00	228.26	.00	.00
750816	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	285.33	.00
750821	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	285.33	.00	.00
750824	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	285.33	.00	.00
750905	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	.00	285.33	.00
750908	.00	.00	.00	.00	2296.40	.00	.00	.00	.00	.00	570.66	.00
750911	.00	.00	.00	.00	2870.50	.00	.00	.00	.00	.00	285.33	.00
750915	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	570.66	.00
750918	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	285.33	285.33	.00
750921	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	285.33	.00	.00
750924	.00	.00	.00	.00	4018.70	.00	.00	.00	.00	.00	570.66	.00
750928	.00	.00	.00	.00	2870.50	.00	.00	.00	.00	.00	.00	.00
751003	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	285.33	.00	.00
751007	.00	.00	.00	.00	3844.60	.00	.00	.00	.00	.00	313.86	.00
751010	8.82	.00	.00	.00	.00	.00	.00	.00	.00	.00	314.00	.00
751015	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	656.26	.00
751018	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	285.33	.00	.00
751022	.00	.00	.00	.00	2296.40	.00	.00	.00	.00	.00	485.06	.00
751027	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	199.73	485.06	.00
751030	.00	.00	.00	.00	2296.40	.00	.00	.00	.00	199.73	313.86	.00
751103	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	.00	485.06	.00
751107	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	.00	485.06	.00
751111	.00	.00	.00	.00	4592.80	.00	.00	.00	.00	.00	313.86	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
0011 (213)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
751115	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	285.33	.00	.00
751120	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	285.33	.00	.00
751126	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	.00	285.33	.00
751201	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	.00	485.06	.00
751207	7.65	.00	.00	.00	1722.00	.00	.00	.00	.00	.00	485.00	.00
751212	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	.00	570.66	.00
751218	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	.00	171.20	.00
751226	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	.00	313.86	.00
760200	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	28.53	171.20	.00
760222	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	28.53	313.86	.00
760306	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	85.60	313.86	.00
760319	.00	.00	.00	.00	.00	.00	.00	.00	.00	171.20	199.73	.00
760324	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	171.20	342.40	.00
760330	.00	.00	.00	.00	574.10	.00	.00	.00	.00	171.20	142.67	.00
760404	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	171.20	57.07	.00
760410	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	85.60	313.86	.00
760416	.00	.00	.00	.00	.00	.00	.00	.00	.00	171.20	199.73	.00
760420	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	194.73	57.07	.00
760502	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	171.20	85.60	.00
760506	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	.00	.00	.00
760511	.00	.00	211.87	2.02	1722.30	.00	.00	.00	.00	85.60	199.73	.00
760513	.00	.00	.00	.00	574.10	.00	.00	.00	.00	28.53	285.33	.00
760517	.00	.00	.00	.00	574.10	.00	.00	.00	.00	513.59	285.33	.00
760520	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	28.53	285.33	.00
760526	.00	.00	.00	.00	2870.50	.00	.00	.00	.00	28.53	285.33	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
0011 (213)

DATE	PH	COND UMOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
760603	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	.00	285.33	.00
760622	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	.00	285.33	.00
760630	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	28.53	256.80	.00
760709	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	28.53	256.80	.00
760714	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	.00	313.86	.00
760722	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	.00	256.80	.00
760925	.00	.00	.00	.00	.00	.00	.00	.00	.00	82.75	65.63	.00
761011	.00	.00	.00	.00	574.10	.00	.00	.00	.00	2.85	256.80	.00
761104	.00	.00	.00	.00	4018.70	.00	.00	.00	.00	28.53	291.04	.00
761115	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	285.33	.00
761124	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	17.12	71.33	.00
761203	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	8.56	171.20	.00
761207	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	8.56	199.73	.00
761213	.00	.00	.00	.00	.00	.00	.00	.00	.00	19.97	242.53	.00
761220	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	42.60	333.84	.00
761230	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	.00	.00
770113	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	39.95	194.02	.00
770130	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	39.95	171.20	.00
770206	.00	.00	.00	.00	574.10	.00	.00	.00	.00	39.95	131.25	.00
770214	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	39.95	128.40	.00
770217	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	199.73	.00
770227	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	122.69	456.53	.00
770305	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	.00	292.04	.00
770325	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	.00	225.41	.00
770426	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	.00	273.92	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
0011 (213)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
770506	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	.00	273.92	.00
770512	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	39.95	322.42	.00
770521	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	49.65	.00
770602	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	.00	.00	.00
770609	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	19.97	242.53	.00
770614	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	.00	256.80	.00
770702	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	.00	.00
770804	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	.00	.00	.00
770819	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	8.56	265.36	.00
770827	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
770906	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	.00	.00	.00
770913	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	.00	.00
770925	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	239.68	.00
771004	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	487.91	.00
771027	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	179.76	.00
771029	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	19.97	225.41	.00
780210	7.55	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	151.00	.00
780215	8.08	.00	160.00	.00	574.10	.00	.00	.01	.00	-11.00	180.00	.00
780223	8.05	.00	.00	.00	574.10	.00	.00	.01	.00	-11.00	151.00	.00
780308	8.00	.00	89.00	.00	574.10	.00	.00	.01	.02	-11.00	183.00	.00
780316	8.04	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	151.00	.00
780323	8.03	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	151.00	.00
780329	8.23	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	183.00	.00
780406	8.26	.00	150.00	.00	574.10	.00	.00	.01	.03	-11.00	183.00	.00
780411	8.46	.00	.00	.00	2296.40	.00	.00	.00	.00	-11.00	183.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
0011 (213)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	A3 MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
780423	8.58	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	243.00	.00
780427	8.48	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	214.00	.00
780511	8.12	.00	184.00	.00	574.10	.00	.00	.01	.06	-11.00	151.00	.00
780525	8.23	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	151.00	.00
780608	8.39	.00	130.00	.00	574.10	.00	.00	.01	.02	-11.00	151.00	.00
780614	8.51	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	214.00	.00
780622	8.43	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	243.00	.00
780629	8.21	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	91.00	.00
780706	8.40	.00	120.00	.00	1148.20	.00	.00	.01	.00	31.00	168.00	.00
780713	7.96	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	151.00	.00
780720	8.05	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	183.00	.00
780727	8.50	.00	.00	.00	574.10	.00	.00	.00	.00	17.00	106.00	.00
780803	8.12	.00	150.00	.00	1148.20	.00	.00	.01	.00	-11.00	183.00	.00
780810	8.43	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	183.00	.00
780817	8.44	.00	.00	.00	1148.20	.00	.00	.00	.00	-11.00	183.00	.00
780825	8.25	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	211.00	.00
780831	8.40	.00	150.00	.00	574.10	.00	.00	-.01	.00	-11.00	183.00	.00
780907	8.47	.00	.00	.00	1148.20	.00	.00	.00	.00	14.00	183.00	.00
780914	7.80	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	183.00	.00
780921	8.12	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	183.00	.00
780928	8.40	.00	150.00	.00	574.10	.00	.00	-.01	.01	-11.00	183.00	.00
781005	8.44	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	183.00	.00
781012	8.30	.00	.00	.00	2870.50	.00	.00	.00	.00	-11.00	183.00	.00
781019	7.82	.00	160.00	.00	1148.20	.00	.00	-.01	.01	-11.00	151.00	.00
781102	7.95	.00	.00	.00	1148.20	.00	.00	.00	.00	-1.00	183.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
0011 (213)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
781109	8.21	.00	.00	.00	1148.20	.00	.00	.00	.00	-1.00	214.00	.00
781117	.00	.00	120.00	.00	1148.20	.00	.00	.06	.01	.00	.00	.00
781224	7.92	.00	.00	.00	1148.20	.00	.00	.00	.00	-1.00	175.00	.00
790118	7.15	.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	138.00	.00
790220	7.70	.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	132.00	.00
790314	8.40	.00	180.00	9.00	2296.40	.00	.00	-.01	.01	3.00	198.00	.00
790329	7.30	.00	.00	.00	2296.40	.00	.00	.00	.00	-1.00	356.00	.00
790403	7.20	.00	210.00	110.00	1722.30	.00	.00	-.01	.00	-1.00	217.00	.00
790417	8.50	390.00	.00	.00	1148.20	.00	.00	-.01	-.01	-1.00	172.00	.00
790503	7.10	300.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	146.00	.00
790515	8.20	500.00	.00	.00	1148.20	.00	.00	.00	.00	-1.00	252.00	.00
790613	8.40	555.00	.00	.00	1148.20	13.00	191.00	-1.00	-.01	7.00	172.00	.00
790626	7.80	500.00	.00	.00	1148.20	.00	.00	.00	.00	2.00	202.00	.00
790710	8.10	575.00	.00	.00	1722.30	.00	.00	-.01	-.01	-1.00	199.00	.00
790726	8.00	540.00	.00	.00	1103.20	.00	.00	.00	.00	3.00	195.00	.00
790829	8.30	550.00	.00	.00	574.10	.00	.00	-.01	-.01	-1.00	200.00	.00
790916	8.40	500.00	.00	.00	1148.20	.00	.00	-.01	-.01	-1.00	194.00	.00
790925	8.80	555.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	203.00	.00
791010	8.70	500.00	208.70	20.10	574.10	14.00	159.00	-.01	-.01	-1.00	205.00	-.10
791023	8.00	470.00	.00	.00	574.10	6.00	170.00	.00	.00	3.00	202.00	.00
791106	7.40	540.00	197.70	63.40	1148.20	6.00	156.00	.02	.01	-1.00	208.00	-.10
791124	7.60	450.00	.00	.00	574.10	5.00	168.00	.00	.00	6.00	194.00	.00
791205	7.80	450.00	237.50	12.10	574.10	5.00	210.00	-.01	-.01	12.00	197.00	-.10
791219	7.80	470.00	.00	.00	574.10	6.00	128.00	.00	.00	6.00	196.00	.00
800103	8.23	495.00	163.00	4.00	574.10	16.00	.00	-.01	-.01	-1.00	184.00	.13

SOLUTION MINE WELLS
ORIGINAL PILOT
0011 (213)

DATE	PH	COND UMOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
800115	7.70	450.00	.00	.00	574.10	16.00	62.00	.00	.00	-1.00	203.00	.00
800202	8.03	370.00	.00	.00	1148.20	12.00	105.00	.00	.00	-1.00	203.00	.00
800212	7.62	450.00	261.00	19.90	574.10	12.00	130.00	-.01	-.01	-1.00	184.00	.11
800226	8.40	490.00	.00	.00	574.10	13.00	131.00	.00	.00	6.00	196.00	.00
800313	8.25	450.00	361.00	24.80	574.10	9.00	150.00	-.01	-.01	-1.00	202.00	.10
800325	8.35	430.00	.00	.00	574.10	10.00	156.00	.00	.00	-1.00	209.00	.00
800409	8.30	450.00	658.20	10.80	574.10	13.00	159.00	-.01	-.01	-1.00	207.00	.10
800422	8.55	510.00	.00	.00	574.10	11.00	168.00	.00	.00	6.00	192.00	.00
800506	7.95	550.00	265.10	64.50	574.10	12.00	160.00	-.01	-.01	-1.00	198.00	.12
800520	8.33	550.00	.00	.00	574.10	8.00	201.00	.00	.00	-1.00	214.00	.00
800604	8.54	600.00	282.90	36.20	574.10	10.00	181.00	-.01	-.01	-1.00	214.00	.10
800617	8.36	540.00	.00	.00	1148.20	11.00	153.00	.00	.00	-1.00	195.00	.00
800702	8.14	540.00	326.80	7.72	1148.20	11.00	140.00	-.01	-.01	-1.00	201.00	-.10
800715	9.50	540.00	.00	.00	574.10	13.00	183.00	.00	.00	-1.00	189.00	.00
800730	8.05	525.00	.00	.00	1148.20	10.00	151.00	.00	.00	-1.00	189.00	.00
800811	8.25	580.00	121.00	.20	1148.20	10.00	163.00	-.01	-.01	-1.00	201.00	.10
800825	8.46	505.00	.00	.00	1148.20	8.00	151.00	.00	.00	33.00	140.00	.00
800909	8.32	530.00	120.00	4.90	1148.20	8.00	196.00	-.01	-.01	-1.00	207.00	-.10
800922	8.48	500.00	.00	.00	574.10	12.00	145.00	.00	.00	6.00	165.00	.00
801008	8.46	540.00	.00	.00	574.10	10.00	189.00	.00	.00	6.00	195.00	.00
801020	8.30	500.00	.00	.00	1722.30	9.00	158.00	.00	.00	-1.00	207.00	.00
801103	8.14	540.00	21.20	10.00	1148.20	14.00	179.00	-.01	-.01	-1.00	220.00	-.10
801117	8.40	450.00	.00	.00	1148.20	13.00	188.00	.00	.00	-1.00	220.00	.00
801202	8.40	480.00	.00	.00	1148.20	9.00	161.00	.00	.00	-1.00	201.00	.00
801215	8.30	500.00	.00	.00	1148.20	8.00	147.00	.00	.00	1.00	189.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
0011 (213)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS HG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
801230	8.53	500.00	.00	.00	574.10	9.00	184.00	.00	.00	6.00	183.00	.00
810113	7.90	450.00	344.40	1.30	1148.20	9.00	156.00	.00	.00	-1.00	183.00	.13
810128	8.60	490.00	.00	.00	2296.40	15.00	169.00	.00	.00	6.00	201.00	.00
810212	8.35	500.00	.00	.00	1722.30	11.00	167.00	.00	.00	3.00	207.00	.00
810226	7.75	380.00	.00	.00	2296.40	16.00	180.00	.00	.00	-1.00	201.00	.00
810310	7.25	520.00	182.00	2.10	1722.30	15.00	164.00	.00	.00	-1.00	192.00	.15
810324	7.92	480.00	.00	.00	1722.30	16.00	171.00	.00	.00	-1.00	168.00	.00
810407	8.40	520.00	104.90	1.00	2296.40	17.00	175.00	.00	.00	-1.00	189.00	.01
810423	7.78	575.00	.00	.00	2870.50	15.00	169.00	.00	.00	-1.00	201.00	.00
810519	8.03	510.00	.00	.00	3444.60	16.00	178.00	.00	.00	-1.00	207.00	.00
810602	7.62	510.00	.00	.00	5741.00	21.00	173.00	.00	.00	-1.00	203.00	.00
810617	8.06	550.00	.00	.00	3444.60	23.00	166.00	.00	.00	-1.00	206.00	.00
810702	8.03	500.00	.00	.00	3444.60	16.00	172.00	.00	.00	-1.00	209.00	.00
810714	7.80	600.00	27.36	1.00	3444.60	18.00	165.00	-2.00	.00	-1.00	204.00	.10
810727	8.10	500.00	.00	.00	1722.30	16.00	158.00	.00	.00	-1.00	168.00	.00
810813	7.92	470.00	.00	.00	2870.50	14.00	155.00	.00	.00	-1.00	202.00	.00
810826	8.16	450.00	.00	.00	2296.40	14.00	146.00	.00	.00	-1.00	201.00	.00
810911	7.98	560.00	57.48	1.00	2870.50	14.00	162.00	.00	.00	-1.00	198.00	.23
810922	7.88	440.00	.00	.00	3444.60	15.00	158.00	.00	.00	-1.00	186.00	.00
811006	7.38	410.00	.00	.00	1722.30	16.00	144.00	.00	.00	-1.00	203.00	.00
811020	7.75	460.00	.00	.00	574.10	14.00	151.00	.00	.00	-1.00	204.00	.00
811103	7.91	440.00	96.00	1.00	2870.50	13.00	153.00	-2.00	.00	-1.00	200.00	-.03
811117	7.55	470.00	.00	.00	2296.40	12.00	.00	.00	.00	-1.00	194.00	.00
811201	7.65	400.00	.00	.00	2296.40	14.00	152.00	.00	.00	-1.00	196.00	.00
811215	7.70	440.00	.00	.00	1722.30	13.00	162.00	.00	.00	-1.00	196.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
0011 (213)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
811231	7.80	430.00	.00	.00	2296.40	14.00	153.00	.00	.00	-1.00	127.00	.00
820111	7.90	420.00	4.60	.00	1722.30	12.00	160.00	.00	.00	-1.00	206.00	.00
820124	7.70	500.00	.00	.00	1148.20	12.00	142.00	.00	.00	-1.00	180.00	.00
820308	8.10	390.00	.00	.00	2296.40	5.00	150.00	.00	.00	.00	.00	.00
820511	8.20	.00	.00	.00	2296.40	5.00	126.00	.00	.00	.00	.00	.00
820726	7.20	550.00	.00	.00	2296.40	26.00	164.00	.00	.00	-1.00	146.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
0012 (2:4)

DATE	PH	COND UMOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
710408	.00	.00	.00	.00	.00	14.00	.00	.00	.00	.00	.00	.00
710409	.00	.00	.00	.00	.00	6.00	.00	.00	.00	.00	.00	.00
710410	.00	.00	.00	.00	.00	16.00	.00	.00	.00	.00	.00	.00
710411	.00	.00	.00	.00	.00	14.00	.00	.00	.00	.00	.00	.00
710412	.00	.00	.00	.00	.00	12.00	.00	.00	.00	.00	.00	.00
710413	.00	.00	.00	.00	.00	12.00	.00	.00	.00	.00	.00	.00
710414	.00	.00	.00	.00	.00	128.00	.00	.00	.00	.00	.00	.00
710415	.00	.00	.00	.00	.00	15.00	.00	.00	.00	.00	.00	.00
710416	.00	.00	.00	.00	.00	18.00	.00	.00	.00	.00	.00	.00
710417	.00	.00	.00	.00	.00	14.00	.00	.00	.00	.00	.00	.00
710418	.00	.00	.00	.00	.00	16.00	.00	.00	.00	.00	.00	.00
710420	.00	.00	.00	.00	.00	15.00	.00	.00	.00	.00	.00	.00
710422	.00	.00	.00	.00	.00	12.00	.00	.00	.00	.00	.00	.00
710502	.00	.00	.00	.00	.00	24.00	.00	.00	.00	.00	.00	.00
710516	.00	.00	.00	.00	.00	1.90	.00	.00	.00	.00	.00	.00
710517	.00	.00	.00	.00	.00	2.00	.00	.00	.00	.00	.00	.00
710518	.00	.00	.00	.00	.00	2.00	.00	.00	.00	.00	.00	.00
710519	.00	.00	.00	.00	.00	1.50	.00	.00	.00	.00	.00	.00
710520	.00	.00	.00	.00	.00	1.00	.00	.00	.00	.00	.00	.00
710521	.00	.00	.00	.00	.00	.19	.00	.00	.00	.00	.00	.00
710522	.00	.00	.00	.00	.00	.10	.00	.00	.00	.00	.00	.00
710523	.00	.00	.00	.00	.00	.50	.00	.00	.00	.00	.00	.00
710524	.00	.00	.00	.00	.00	75.00	.00	.00	.00	.00	.00	.00
710525	.00	.00	.00	.00	.00	62.00	.00	.00	.00	.00	.00	.00
710526	.00	.00	.00	.00	.00	1.50	.00	.00	.00	.00	.00	.00

SOLUTION MINE WELLS
 ORIGINAL PILOT
 0012 (214)

DATE	PH	COND UMOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	C03 MG/L	HC03 MG/L	NH3 MG/L
710527	.00	.00	.00	.00	.00	92.00	.00	.00	.00	.00	.00	.00
710528	.00	.00	.00	.00	.00	92.00	.00	.00	.00	.00	.00	.00
710529	.00	.00	.00	.00	.00	92.00	.00	.00	.00	.00	.00	.00
710530	.00	.00	.00	.00	.00	97.00	.00	.00	.00	.00	.00	.00
710531	.00	.00	.00	.00	.00	104.00	.00	.00	.00	.00	.00	.00
710601	.00	.00	.00	.00	.00	104.00	.00	.00	.00	.00	.00	.00
710602	.00	.00	.00	.00	.00	92.00	.00	.00	.00	.00	.00	.00
710603	.00	.00	.00	.00	.00	100.00	.00	.00	.00	.00	.00	.00
710604	.00	.00	.00	.00	.00	112.00	.00	.00	.00	.00	.00	.00
710605	.00	.00	.00	.00	.00	104.00	.00	.00	.00	.00	.00	.00
710606	.00	.00	.00	.00	.00	114.00	.00	.00	.00	.00	.00	.00
710608	.00	.00	.00	.00	.00	108.00	.00	.00	.00	.00	.00	.00
710609	.00	.00	.00	.00	.00	116.00	.00	.00	.00	.00	.00	.00
710610	.00	.00	.00	.00	.00	120.00	.00	.00	.00	.00	.00	.00
710611	.00	.00	.00	.00	.00	116.00	.00	.00	.00	.00	.00	.00
710612	.00	.00	.00	.00	.00	126.00	.00	.00	.00	.00	.00	.00
710613	.00	.00	.00	.00	.00	124.00	.00	.00	.00	.00	.00	.00
710614	.00	.00	.00	.00	.00	86.00	.00	.00	.00	.00	.00	.00
710615	.00	.00	.00	.00	.00	124.00	.00	.00	.00	.00	.00	.00
710616	.00	.00	.00	.00	.00	124.00	.00	.00	.00	.00	.00	.00
710620	.00	.00	.00	.00	.00	120.00	.00	.00	.00	.00	.00	.00
710621	.00	.00	.00	.00	.00	124.00	.00	.00	.00	.00	.00	.00
710622	.00	.00	.00	.00	.00	132.00	.00	.00	.00	.00	.00	.00
710914	.00	.00	.00	.00	.00	108.00	.00	.00	.00	.00	.00	.00
710924	.00	.00	.00	.00	.00	117.00	.00	.00	.00	.00	.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
0012 (214)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
740603	.00	.00	.00	.00	1148.00	.00	.00	.00	.00	.00	.00	.00
740916	11.52	.00	.00	.00	1722.00	.00	.00	.00	.00	428.00	770.00	.00
741015	.00	.00	.00	.00	1148.00	.00	.00	.00	.00	.00	.00	.00
741028	.00	.00	.00	.00	2296.00	.00	.00	.00	.00	.00	.00	.00
741114	.00	.00	.00	.00	1148.00	.00	.00	.00	.00	.00	.00	.00
750523	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	2824.77	1911.71	.00
750612	.00	.00	.00	.00	.00	.00	.00	.00	.00	2596.56	199.73	.00
750701	.00	.00	.00	.00	.00	.00	.00	.00	.00	1740.51	199.73	.00
750818	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	285.33	.00
750821	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	285.33	285.33	.00
750824	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	285.33	570.66	.00
750905	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	285.33	285.33	.00
750908	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	285.33	.00	.00
750911	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	.00	570.66	.00
750915	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	570.66	.00
750918	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	285.33	285.33	.00
750921	.00	.00	.00	.00	574.10	.00	.00	.00	.00	285.33	285.33	.00
750924	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	285.33	285.33	.00
750928	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	285.33	285.33	.00
751003	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	285.33	.00	.00
751007	.00	.00	.00	.00	4018.70	.00	.00	.00	.00	285.33	285.33	.00
751010	9.38	.00	.00	.00	.00	.00	.00	.00	.00	285.33	.00	.00
751015	.00	.00	.00	.00	.00	.00	.00	.00	.00	399.00	314.00	.00
751018	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	199.73	313.86	.00
751022	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	285.33	285.33	.00
										199.73	313.86	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
0012 (214)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
751027	.00	.00	.00	.00	.00	.00	.00	.00	.00	199.73	313.86	.00
751030	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	199.73	171.20	.00
751103	.00	.00	.00	.00	5166.90	.00	.00	.00	.00	199.73	485.06	.00
751107	.00	.00	.00	.00	574.10	.00	.00	.00	.00	199.73	485.06	.00
751111	.00	.00	.00	.00	3444.60	.00	.00	.00	.00	199.73	313.86	.00
751115	.00	.00	.00	.00	4018.70	.00	.00	.00	.00	285.33	285.33	.00
751120	.00	.00	.00	.00	574.10	.00	.00	.00	.00	570.66	1997.31	.00
751126	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	285.33	.00
751201	.00	.00	.00	.00	574.10	.00	.00	.00	.00	199.73	656.26	.00
751207	8.60	.00	.00	.00	1148.00	.00	.00	.00	.00	.00	485.00	.00
751212	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	285.33	285.33	.00
751218	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	199.73	171.20	.00
751226	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	199.73	313.86	.00
760306	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	83.60	285.33	.00
760319	.00	.00	.00	.00	574.10	.00	.00	.00	.00	199.73	57.07	.00
760324	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	171.20	199.73	.00
760330	.00	.00	.00	.00	574.10	.00	.00	.00	.00	114.13	142.67	.00
760404	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	171.20	142.67	.00
760410	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	114.13	199.73	.00
760416	.00	.00	.00	.00	.00	.00	.00	.00	.00	114.13	228.26	.00
760420	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	171.20	199.73	.00
760502	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	171.20	199.73	.00
760506	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	.00	.00	.00
760511	.00	.00	5.02	7.00	1722.30	.00	.00	.00	.00	82.75	485.06	.00
760513	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	28.53	370.93	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
0012 (214)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
760517	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	19.97	285.33	.00
760520	.00	.00	.00	.00	2296.40	.00	.00	.00	.00	456.53	713.33	.00
760526	.00	.00	.00	.00	2870.50	.00	.00	.00	.00	28.53	370.93	.00
760603	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	28.53	627.73	.00
760610	.00	.00	.00	.00	2870.50	.00	.00	.00	.00	28.53	342.40	.00
760622	.00	.00	.00	.00	2870.50	.00	.00	.00	.00	28.53	342.40	.00
760630	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	28.53	342.40	.00
760709	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	28.53	342.40	.00
760714	.00	.00	.00	.00	2296.40	.00	.00	.00	.00	.00	342.40	.00
760722	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	28.53	370.93	.00
760819	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	17.12	319.57	.00
760925	.00	.00	.00	.00	574.10	.00	.00	.00	.00	19.97	162.64	.00
761011	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	2.85	256.80	.00
761020	.00	.00	.00	.00	574.10	.00	.00	.00	.00	11.41	313.86	.00
761029	.00	.00	.00	.00	.00	.00	.00	.00	.00	19.97	273.92	.00
761104	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	.00	39.95	.00
761115	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	285.33	.00
761124	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	228.26	.00
761203	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	8.56	199.73	.00
761207	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	8.56	199.73	.00
761213	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	273.92	.00
761220	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	.00	399.46	.00
761230	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	.00	.00
770113	.00	.00	.00	.00	1722.30	.00	.00	.00	.00	39.95	291.04	.00
770130	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	39.95	171.20	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
0012 (214)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TR230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
770206	.00	.00	.00	.00	574.10	.00	.00	.00	.00	59.92	196.88	.00
770214	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	19.97	256.80	.00
770220	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	256.80	.00
770227	.00	.00	.00	.00	574.10	.00	.00	.00	.00	82.75	2.85	.00
770305	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	291.04	.00
770312	.00	.00	.00	.00	4592.80	.00	.00	.00	.00	19.97	285.33	.00
770325	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	.00	225.41	.00
770426	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	.00	225.41	.00
770506	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	225.41	.00
770512	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	39.95	322.42	.00
770521	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	442.26	.00
770602	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	.00	.00
770606	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	.00	308.16	.00
770614	.00	.00	.00	.00	1148.20	.00	.00	.00	.00	19.97	305.30	.00
770715	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	.00	.00
770804	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	.00	.00
770827	.00	.00	.00	.00	.00	.00	.06	.00	.00	.00	.00	.00
770906	.00	.00	.00	.00	1148.20	.00	.00	.06	.00	.00	.00	.00
770913	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	.00	.00
770925	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	219.70	.00
771004	.00	.00	.00	.00	574.10	.00	.00	.00	.00	.00	764.68	.00
771027	.00	.00	.00	.00	.00	.00	.00	.00	.00	19.97	231.12	.00
780210	7.72	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	180.00	.00
780215	7.52	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	180.00	.00
780316	7.67	.00	6.90	.00	574.10	.00	.00	.01	.05	-11.00	151.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
0012 (214)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
780323	7.94	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	183.00	.00
780329	8.12	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	183.00	.00
780406	8.22	.00	16.00	.00	574.10	.00	.00	.01	.03	-11.00	183.00	.00
780411	8.43	.00	.00	.00	2296.40	.00	.00	.00	.00	-11.00	183.00	.00
780423	8.57	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	183.00	.00
780427	8.43	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	151.00	.00
780511	8.13	.00	22.00	.00	574.10	.00	.00	.01	.07	-11.00	183.00	.00
780525	8.24	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	183.00	.00
780608	8.23	.00	33.00	.00	574.10	.00	.00	.01	.03	-11.00	151.00	.00
780614	7.65	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	151.00	.00
780622	8.22	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	183.00	.00
780629	8.35	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	60.00	.00
780706	8.20	.00	34.00	.00	574.10	.00	.00	.01	.00	14.00	208.00	.00
780713	7.97	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	151.00	.00
780720	8.14	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	183.00	.00
780727	8.60	.00	.00	.00	574.10	.00	.00	.00	.00	17.00	200.00	.00
780803	7.83	.00	12.00	.00	574.10	.00	.00	.01	.00	-11.00	151.00	.00
780810	8.39	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	183.00	.00
780817	8.37	.00	.00	.00	1722.30	.00	.00	.00	.00	-11.00	151.00	.00
780825	8.20	.00	.00	.00	2296.40	.00	.00	.00	.00	-1.00	211.00	.00
780831	8.41	.00	12.00	.00	574.10	.00	.00	-.01	.00	-11.00	214.00	.00
780907	8.22	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	214.00	.00
780914	8.09	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	183.00	.00
780921	8.18	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	214.00	.00
780928	8.40	.00	5.30	.00	574.10	.00	.00	-.01	.01	-11.00	151.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
0012 (214)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
781005	8.29	.00	.00	.00	574.10	.00	.00	.00	.00	-11.00	214.00	.00
781012	8.10	.00	.00	.00	1148.20	.00	.00	.00	.00	-11.00	214.00	.00
781019	7.71	.00	8.80	.00	574.10	.00	.00	-.01	.04	-11.00	183.00	.00
781102	7.87	.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	163.00	.00
781109	7.45	.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	163.00	.00
781117	.00	.00	6.90	.00	574.10	.00	.06	-.02	.02	-1.00	159.00	.00
790116	7.75	.00	.00	.00	3444.60	.00	.00	.00	.00	-1.00	155.00	.00
790220	7.80	.00	22.00	.00	574.10	.00	.00	.01	.03	-1.00	178.00	.00
790313	8.40	.00	2.00	9.00	574.10	.00	.00	.01	.03	3.00	198.00	.00
790329	7.80	.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	198.00	.00
790403	7.20	.00	1.90	14.00	574.10	.00	.00	-.01	.02	-1.00	211.00	.00
790417	8.30	395.00	.00	.00	574.10	.00	.00	.00	.00	-1.00	166.00	.00
790503	8.40	300.00	.00	.00	574.10	.00	.00	-.01	-.01	-1.00	212.00	.00
790515	8.20	500.00	.00	.00	1148.20	.00	.00	.00	.00	-1.00	172.00	.00
790613	8.40	525.00	.00	.00	1148.20	11.00	153.00	-.01	-.01	7.00	212.00	.00
790626	7.80	675.00	.00	.00	574.10	.00	.00	.00	.00	3.00	202.00	.00
790710	7.90	600.00	.00	.00	574.10	.00	.00	-.01	-.01	39.00	238.00	.00
790726	8.00	550.00	.00	.00	2296.40	.00	.00	.00	.00	3.00	208.00	.00
790829	8.20	555.00	.00	.00	574.10	.00	.00	-.01	-.01	-1.00	200.00	.00
790916	8.30	510.00	.00	.00	574.10	.00	.00	-.01	.12	-1.00	194.00	.00
790925	8.60	560.00	.00	.00	574.10	.00	.00	.00	.00	1.00	202.00	.00
791010	8.60	510.00	.20	37.00	574.10	12.00	143.00	-.01	-.01	-1.00	211.00	.18
791023	8.00	480.00	.00	.00	574.10	8.00	179.00	.00	.00	6.00	201.00	.00
791106	7.30	500.00	3.70	101.50	1148.20	8.00	171.00	.02	.03	-1.00	220.00	.34
791124	7.70	490.00	.00	.00	574.10	7.00	133.00	.00	.00	-1.00	225.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
0012 (214)

DATE	PH	COND UMOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
791205	7.70	450.00	9.10	16.50	574.10	7.00	165.00	-.01	-.01	6.00	221.00	.30
791218	7.60	540.00	.00	.00	574.10	6.00	296.00	.00	.00	18.00	190.00	.00
800103	8.47	460.00	3.30	27.10	574.10	19.00	.00	-.01	-.01	-1.00	221.00	.27
800116	7.70	450.00	.00	.00	574.10	16.00	48.00	.00	.00	-1.00	221.00	.00
800202	7.88	380.00	.00	.00	1722.30	12.00	76.00	.00	.00	-1.00	178.00	.00
800212	7.50	450.00	4.50	112.00	1148.20	12.00	90.00	-.01	.16	-1.00	190.00	.25
800226	8.35	590.00	.00	.00	574.10	14.00	121.00	.00	.00	-1.00	209.00	.00
800313	8.25	440.00	9.80	11.00	574.10	9.00	159.00	-.01	.19	-1.00	221.00	.20
800325	8.39	400.00	.00	.00	574.10	10.00	121.00	.00	.00	-1.00	233.00	.00
800408	8.00	450.00	5.97	5.60	574.10	12.00	124.00	-.01	.19	-1.00	207.00	.20
800422	8.54	455.00	.00	.00	574.10	12.00	132.00	.00	.00	-1.00	183.00	.00
800506	7.86	520.00	10.30	31.00	.00	12.00	145.00	-.01	.00	-1.00	213.00	.23
800520	8.37	550.00	.00	.00	574.10	7.00	140.00	.00	.00	-1.00	174.00	.00
800603	8.48	590.00	22.50	4.54	574.10	13.00	162.00	-.01	.13	-1.00	397.00	.26
800617	8.32	490.00	.00	.00	574.10	10.00	129.00	.00	.00	-1.00	201.00	.00
800702	8.27	520.00	6.55	25.40	574.10	10.00	165.00	-.01	.11	-1.00	195.00	.10
800715	9.57	550.00	.00	.00	574.10	11.00	140.00	.00	.00	-1.00	189.00	.00
800729	8.03	580.00	.00	.00	574.10	8.00	119.00	.00	.00	-1.00	189.00	.00
800811	8.34	475.00	2.50	1.20	574.10	9.00	163.00	-.01	.13	-1.00	201.00	.23
800825	8.35	455.00	.00	.00	574.10	7.00	198.00	.00	.00	-1.00	182.00	.00
800910	8.16	490.00	.94	4.19	574.10	9.00	169.00	-.01	.11	-1.00	201.00	.22
800922	8.58	410.00	.00	.00	574.10	10.00	126.00	.00	.00	6.00	177.00	.00
801008	8.39	475.00	.00	.00	574.10	10.00	149.00	.00	.00	-1.00	207.00	.00
801020	8.48	500.00	.00	.00	574.10	10.00	127.00	.00	.00	6.00	207.00	.00
801103	8.08	500.00	2.10	5.60	574.10	9.00	183.00	-.01	.09	-1.00	213.00	.26

SOLUTION MINE WELLS
ORIGINAL PILOT
0012 (214)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	A9 MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
801117	8.24	470.00	.00	.00	574.10	8.00	146.00	.00	.00	-1.00	207.00	.00
801202	8.33	460.00	.00	.00	574.10	8.00	140.00	.00	.00	-1.00	189.00	.00
801215	8.33	450.00	.00	.00	2296.40	6.00	145.00	.00	.00	-1.00	177.00	.00
801230	8.35	500.00	.00	.00	574.10	8.00	170.00	.00	.00	-1.00	207.00	.00
810113	8.05	450.00	23.00	.90	574.10	8.00	137.00	.00	.03	-1.00	177.00	.33
810128	8.79	450.00	.00	.00	574.10	10.00	150.00	.00	.00	6.00	207.00	.00
810212	8.30	450.00	.00	.00	1148.20	7.00	141.00	.00	.00	-1.00	210.00	.00
810226	7.05	450.00	.00	.00	574.10	9.00	152.00	.00	.00	-1.00	207.00	.00
810310	7.56	490.00	3.50	.10	574.10	10.00	149.00	-.01	-.01	-1.00	201.00	.22
810324	8.10	470.00	.00	.00	1148.20	10.00	163.00	.00	.00	-1.00	214.00	.00
810407	8.60	480.00	3.96	1.00	1148.20	9.00	148.00	.00	.00	6.00	214.00	.19
810423	7.95	500.00	.00	.00	1148.20	10.00	148.00	.00	.00	-1.00	207.00	.00
810519	8.12	470.00	.00	.00	1148.20	11.00	177.00	.00	.00	-1.00	210.00	.00
810602	7.79	500.00	.00	.00	1148.20	15.00	160.00	.00	.00	-1.00	212.00	.00
810617	8.21	500.00	.00	.00	1722.30	14.00	148.00	.00	.00	-1.00	203.00	.00
810702	8.32	600.00	.00	.00	574.10	14.00	152.00	.00	.00	-1.00	204.00	.00
810714	7.75	550.00	10.45	1.00	574.10	14.00	160.00	.00	.00	-1.00	202.00	.23
810727	8.27	550.00	.00	.00	574.10	14.00	169.00	.00	.00	-1.00	184.00	.00
810813	8.10	540.00	.00	.00	574.10	15.00	146.00	.00	.00	-1.00	206.00	.00
810826	8.30	525.00	.00	.00	574.10	14.00	134.00	.00	.00	-1.00	198.00	.00
810911	8.05	500.00	5.71	1.00	574.10	14.00	149.00	.00	.01	-1.00	217.00	.26
810922	8.09	425.00	.00	.00	1148.20	14.00	150.00	.00	.00	-1.00	205.00	.00
811006	7.75	430.00	.00	.00	574.10	12.00	136.00	.00	.00	-1.00	202.00	.00
811020	7.95	430.00	.00	.00	.00	11.00	141.00	.00	.00	-1.00	205.00	.00
811103	7.91	440.00	6.10	.00	1148.20	10.00	139.00	.00	.00	-1.00	214.00	.25

SOLUTION MINE WELLS
 ORIGINAL PILOT
 0012 (214)

DATE	PH	COND UMOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
811117	7.75	480.00	.00	.00	574.10	10.00	141.00	.00	.00	-1.00	198.00	.00
811201	7.75	390.00	.00	.00	574.10	13.00	152.00	.00	.00	-1.00	196.00	.00
811215	7.90	410.00	.00	.00	574.10	13.00	164.00	.00	.00	-1.00	207.00	.00
811231	8.15	410.00	.00	.00	574.10	8.00	138.00	.00	.00	-1.00	200.00	.00
820111	7.80	410.00	72.00	.00	574.10	14.00	143.00	.00	.00	-1.00	215.00	.00
820124	7.35	460.00	.00	.00	574.10	9.00	132.00	.00	.00	-1.00	197.00	.00
820308	8.20	310.00	.00	.00	574.10	5.00	137.00	.00	.00	.00	.00	.00
820511	8.30	.00	.00	.00	574.10	7.00	150.00	.00	.00	.00	.00	.00
820726	7.10	340.00	.00	.00	574.10	17.00	146.00	.00	.00	-1.00	161.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP13 (207)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
760919	.00	.00	.00	.00	114245.91	.00	.00	.00	.00	.00	.00	.00
760925	.00	.00	.00	.00	122283.30	.00	.00	.00	.00	650.55	1226.92	.00
761011	.00	.00	.00	.00	83244.50	.00	.00	.00	.00	599.19	913.06	.00
761020	.00	.00	.00	.00	96448.80	.00	.00	.00	.00	.00	.00	.00
761029	.00	.00	.00	.00	95874.70	.00	.00	.00	.00	713.33	1258.31	.00
761104	.00	.00	.00	.00	91281.91	.00	.00	.00	.00	690.50	1032.89	.00
761115	.00	.00	.00	.00	83244.50	.00	.00	.00	.00	655.26	1283.99	.00
761124	.00	.00	.00	.00	84966.80	.00	.00	.00	.00	.00	.00	.00
761203	.00	.00	.00	.00	86115.00	.00	.00	.00	.00	485.06	1141.32	.00
761207	.00	.00	.00	.00	83244.50	.00	.00	.00	.00	741.86	1312.52	.00
761213	.00	.00	.00	.00	78077.59	.00	.00	.00	.00	.00	.00	.00
761220	.00	.00	.00	.00	72910.70	.00	.00	.00	.00	630.58	1563.61	.00
761230	.00	.00	.00	.00	67169.70	.00	.00	.00	.00	.00	.00	.00
770106	.00	.00	.00	.00	66021.50	.00	.00	.00	.00	.00	.00	.00
770113	.00	.00	.00	.00	77503.50	.00	.00	.00	.00	650.55	1500.84	.00
770130	.00	.00	.00	.00	57984.10	.00	.00	.00	.00	599.19	1198.39	.00
770214	.00	.00	.00	.00	57410.00	.00	.00	.00	.00	527.86	938.74	.00
770220	.00	.00	.00	.00	63151.00	.00	.00	.00	.00	.00	.00	.00
770227	.00	.00	.00	.00	66021.50	.00	.00	.00	.00	.00	.00	.00
770305	.00	.00	.00	.00	66595.59	.00	.00	.00	.00	.00	.00	.00
770312	.00	.00	.00	.00	67743.80	.00	.00	.00	.00	.00	.00	.00
770325	.00	.00	.00	.00	28705.00	.00	.00	.00	.00	202.58	579.22	.00
770408	.00	.00	.00	.00	40761.10	.00	.00	.00	.00	.00	.00	.00
770420	.00	.00	.00	.00	56261.80	.00	.00	.00	.00	456.53	1455.18	.00
770426	.00	.00	.00	.00	40761.10	.00	.00	.00	.00	325.28	1161.29	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP13 (207)

DATE	PH	COND UMOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
770506	.00	.00	.00	.00	66021.50	.00	.00	.00	.00	.00	.00	.00
770602	.00	.00	.00	.00	16688.90	.00	.00	.00	.00	.00	.00	.00
770609	.00	.00	.00	.00	41335.20	.00	.00	.00	.00	447.97	1032.89	.00
770614	.00	.00	.00	.00	52817.20	.00	.00	.00	.00	447.97	1081.40	.00
770623	.00	.00	.00	.00	40761.10	.00	.00	.00	.00	399.46	613.46	.00
770715	.00	.00	.00	.00	36742.40	.00	.00	.00	.00	.00	.00	.00
770721	.00	.00	.00	.00	30427.30	.00	.00	.00	.00	.00	.00	.00
770728	.00	.00	.00	.00	35020.10	.00	.00	.00	.00	.00	.00	.00
770804	.00	.00	.00	.00	30427.30	.00	.00	.00	.00	.00	.00	.00
770906	.00	.00	.00	.00	33297.60	.00	.00	.00	.00	.00	.00	.00
770925	.00	.00	.00	.00	24686.30	.00	.00	.00	.00	199.73	619.17	.00
771004	.00	.00	.00	.00	31001.40	.00	.00	.00	.00	1095.67	1532.22	.00
771027	.00	.00	.00	.00	28705.00	.00	.00	.00	.00	211.14	730.44	.00
780213	9.55	.00	.00	.00	33671.90	.00	.00	.00	.00	240.00	731.00	.00
780215	9.52	.00	1.30	.00	17223.00	.00	.00	.36	.09	151.00	551.00	.00
780308	9.23	.00	47.00	.00	32723.70	.00	.00	.30	.08	211.00	703.00	.00
780316	9.52	.00	.00	.00	37316.50	.00	.00	.00	.00	180.00	731.00	.00
780323	9.63	.00	.00	.00	29853.20	.00	.00	.00	.00	151.00	763.00	.00
780329	9.65	.00	.00	.00	24686.30	.00	.00	.00	.00	180.00	640.00	.00
780406	9.72	.00	94.00	.00	37316.50	.00	.00	.33	.05	180.00	731.00	.00
780411	9.78	.00	.00	.00	33871.90	.00	.00	.00	.00	211.00	703.00	.00
780414	9.51	.00	.00	.00	14352.50	.00	.00	.00	.00	180.00	609.00	.00
780423	9.83	.00	.00	.00	32723.70	.00	.00	.00	.00	211.00	731.00	.00
780427	9.67	.00	.00	.00	26982.70	.00	.00	.00	.00	151.00	611.00	.00
780511	9.42	.00	120.00	.00	27556.80	.00	.00	.62	.15	151.00	731.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP13 (207)

DATE	PH	COND UMOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
780525	9.52	.00	.00	.00	28705.00	.00	.00	.00	.00	180.00	703.00	.00
780608	.00	.00	.00	.00	15500.70	.00	.00	.00	.00	180.00	671.00	.00
780614	9.07	.00	.00	.00	24112.20	.00	.00	.00	.00	120.00	671.00	.00
780622	6.69	.00	.00	.00	23538.10	.00	.00	.00	.00	180.00	731.00	.00
780720	9.48	.00	120.00	.00	25834.50	.00	.00	.19	.13	180.00	731.00	.00
780727	9.60	.00	.00	.00	24686.30	.00	.00	.00	.00	451.00	634.00	.00
780810	9.78	.00	93.00	.00	22464.00	.00	.00	.23	.11	180.00	640.00	.00
780817	9.58	.00	.00	.00	22964.00	.00	.00	.00	.00	120.00	703.00	.00
780831	9.83	.00	93.00	.00	14926.60	.00	.00	.23	.11	151.00	577.00	.00
780907	9.80	.00	.00	.00	16074.80	.00	.00	.00	.00	211.00	517.00	.00
780921	9.42	.00	.00	.00	25834.50	.00	.00	.00	.00	91.00	823.00	.00
780928	9.40	.00	102.00	.00	23538.10	.00	.00	.25	.12	106.00	671.00	.00
781005	9.47	.00	.00	.00	22389.90	.00	.00	.00	.00	91.00	640.00	.00
781012	9.85	.00	.00	.00	574.10	.00	.00	.00	.00	209.00	597.00	.00
781019	9.13	.00	81.00	.00	29279.10	.00	.00	.26	.05	209.00	763.00	.00
781102	9.48	.00	.00	.00	15500.70	.00	.00	.00	.00	120.00	549.00	.00
781109	9.57	.00	.00	.00	18371.20	.00	.00	.00	.00	180.00	427.00	.00
781117	9.30	.00	90.00	.00	19519.40	.00	.00	.32	.08	120.00	671.00	.00
781207	.00	.00	.00	.00	20093.50	.00	.00	.00	.00	166.00	671.00	.00
781221	9.60	.00	.00	.00	17223.00	.00	.00	.00	.00	210.00	885.00	.00
790118	9.62	.00	.00	.00	18945.30	.00	.00	.00	.00	152.00	603.00	.00
790220	9.80	.00	99.00	250.00	17797.10	.00	.00	.21	.09	181.00	844.00	.00
790313	9.80	.00	110.00	220.00	13204.30	.00	.00	.17	.11	162.00	488.00	.00
790329	9.70	.00	.00	.00	20667.60	.00	.00	.00	.00	189.00	646.00	.00
790403	6.80	.00	250.00	1300.00	21241.70	.00	.00	.22	.15	-1.00	185.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP13 (207)

DATE	PH	COND UMOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
790417	9.60	1090.00	.00	.00	16074.80	.00	.00	.00	.00	87.00	530.00	.00
790501	10.00	1190.00	.00	.00	26695.00	.00	.00	.05	.09	195.00	113.00	.00
790515	9.40	1010.00	.00	.00	13204.30	.00	.00	.00	.00	2.00	560.00	.00
790613	9.60	1100.00	.00	.00	13204.30	.00	.00	.19	.01	72.00	311.00	.00
790626	9.50	1700.00	.00	.00	13778.40	.00	.00	.00	.00	55.00	523.00	.00
790710	9.50	1140.00	.00	.00	16371.20	.00	.00	.10	.02	52.00	516.00	.00
790829	.00	.00	.00	.00	.00	.00	.00	-.01	-.01	.00	.00	.00
790916	8.00	1000.00	.00	.00	16648.90	.00	.00	.15	.13	-1.00	514.00	.00
790925	9.70	1090.00	.00	.00	12630.20	.00	.00	.00	.00	62.00	363.00	.00
791010	9.60	980.00	78.20	158.00	12056.10	31.00	189.00	.07	.07	99.00	315.00	-.10
791023	9.40	830.00	.00	.00	6315.10	.00	.00	.00	.00	14.00	206.00	.00
791106	9.40	950.00	72.60	49.70	12056.10	14.00	180.00	.03	.05	60.00	398.00	.28
791123	9.00	880.00	.00	.00	14352.50	20.00	86.00	.00	.00	109.00	339.00	.00
791204	9.00	790.00	44.00	18.80	13204.30	19.00	207.00	-.01	-.01	6.00	221.00	.16
791208	8.90	920.00	.00	.00	13778.40	20.00	265.00	.00	.00	115.00	331.00	.00
800103	9.50	950.00	44.30	80.90	13778.40	19.00	.00	.02	.03	109.00	362.00	.38
800115	9.60	975.00	.00	.00	13778.40	41.00	105.00	.00	.00	146.00	368.00	.00
800201	9.50	1000.00	.00	.00	13204.30	34.00	108.00	.00	.00	63.00	338.00	.00
800212	9.33	1000.00	83.70	330.30	13778.40	27.00	141.00	.19	.15	84.00	344.00	.11
800226	9.63	825.00	.00	.00	13778.40	14.00	155.00	.00	.00	133.00	319.00	.00
800311	9.57	860.00	135.00	391.00	11482.00	24.00	146.00	.19	.16	96.00	319.00	-.10
800328	9.74	940.00	.00	.00	12630.20	22.00	185.00	.00	.00	138.00	282.00	.00
800408	10.07	900.00	149.10	143.30	15500.70	24.00	201.00	-.01	.11	138.00	305.00	.29
800421	9.73	1050.00	.00	.00	13204.30	28.00	164.00	.00	.00	108.00	336.00	.00
800506	9.56	1050.00	102.20	133.00	14352.50	27.00	156.00	.24	.10	84.00	183.00	.39

SOLUTION MINE WELLS
ORIGINAL PILOT
OP13 (207)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
800520	9.58	1000.00	.00	.00	13778.40	21.00	151.00	.00	.00	90.00	256.00	.00
800603	9.85	1000.00	62.80	148.90	10907.90	25.00	144.00	.23	.07	96.00	244.00	-.10
800617	9.64	990.00	.00	.00	13778.40	22.00	178.00	.00	.00	124.00	340.00	.00
800701	9.58	930.00	169.60	152.70	14352.50	14.00	193.00	.28	.07	126.00	323.00	-.10
800715	9.49	1100.00	.00	.00	13778.40	40.00	183.00	.00	.00	146.00	287.00	.00
800729	9.40	1100.00	.00	.00	13778.40	32.00	180.00	.00	.00	138.00	279.00	.00
800811	9.90	990.00	41.00	345.00	12630.20	18.00	197.00	.27	.10	132.00	262.00	.03
800825	9.92	1010.00	.00	.00	15500.70	16.00	190.00	.00	.00	167.00	297.00	.00
800909	9.81	1000.00	34.80	91.10	14352.50	15.00	165.00	.28	.14	132.00	348.00	-.10
800922	9.86	975.00	.00	.00	8611.50	21.00	166.00	.00	.00	156.00	289.00	.00
801007	9.99	1000.00	.00	.00	17223.00	16.00	197.00	.00	.00	120.00	317.00	.00
801021	9.92	1100.00	.00	.00	18371.20	17.00	171.00	.00	.00	168.00	342.00	.00
801103	9.68	1000.00	179.00	166.00	16074.80	23.00	170.00	.30	.15	132.00	348.00	.22
801117	9.77	940.00	.00	.00	16648.90	21.00	197.00	.00	.00	108.00	299.00	.00
801202	9.65	860.00	.00	.00	12630.20	14.00	192.00	.00	.00	102.00	336.00	.00
801215	9.68	950.00	.00	.00	12630.20	18.00	185.00	.00	.00	114.00	299.00	.00
801230	9.62	1020.00	.00	.00	12056.10	18.00	185.00	.00	.00	102.00	288.00	.00
810212	7.55	1000.00	.00	.00	51669.00	30.00	270.00	.00	.00	1.00	241.00	.00
810310	8.54	990.00	455.00	544.00	45928.00	40.00	234.00	.19	1.14	24.00	506.00	.43
810324	9.08	910.00	.00	.00	45353.90	36.00	256.00	.00	.00	42.00	461.00	.00
810407	9.60	950.00	224.60	71.00	39612.90	46.00	252.00	.07	.20	36.00	397.00	.02
810423	9.50	900.00	.00	.00	36168.30	25.00	214.00	.00	.00	60.00	369.00	.00
810519	9.56	900.00	.00	.00	31001.40	29.00	235.00	.00	.00	86.00	339.00	.00
810602	9.54	910.00	.00	.00	28130.90	19.00	210.00	.00	.00	86.00	327.00	.00
810617	9.66	860.00	.00	.00	26408.60	63.00	193.00	.00	.00	86.00	351.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OPI3 (207)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	SO4 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
810702	9.42	900.00	.00	.00	25260.40	42.00	201.00	.00	.00	70.00	333.00	.00
810714	9.56	1000.00	206.00	2.00	24112.20	49.00	207.00	.06	.13	44.00	297.00	.13
810729	9.60	900.00	.00	.00	22964.00	21.00	208.00	.00	.00	93.00	283.00	.00
810813	9.57	1000.00	.00	.00	21815.80	21.00	192.00	.00	.00	86.00	299.00	.00
811216	8.30	830.00	.00	.00	13778.40	28.00	198.00	.00	.00	49.00	286.00	.00
811231	9.73	930.00	.00	.00	14926.60	59.00	190.00	.00	.00	80.00	250.00	.00
820111	9.50	835.00	150.00	.00	18945.30	68.00	207.00	.00	.00	70.00	303.00	.00
820129	9.40	810.00	.00	.00	16074.80	18.00	205.00	.00	.00	91.00	264.00	.00
820213	9.30	700.00	.00	.00	16648.90	34.00	187.00	.00	.00	82.00	290.00	.00
820305	9.60	700.00	.00	.00	16074.80	22.00	195.00	.00	.00	.00	.00	.00
820414	9.80	840.00	.00	.00	17797.10	39.00	193.00	.00	.00	106.00	273.00	.00
820510	9.60	.00	.00	.00	5166.90	9.00	152.00	.00	.00	.00	.00	.00
820513	9.70	790.00	.00	.00	14352.50	39.00	233.00	.00	.00	86.00	301.00	.00
820614	9.70	.00	.00	.00	17223.00	43.00	172.00	.00	.00	94.00	291.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OPI4 (208)

DATE	PH	COND UHOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
790319	10.00	.00	110.00	1200.00	27556.80	.00	.00	.23	.20	324.00	929.00	.00
790403	9.90	.00	140.00	400.00	5166.90	.00	.00	.10	.13	136.00	494.00	.00
790417	9.80	1480.00	.00	.00	14352.50	.00	.00	.00	.00	153.00	692.00	.00
790501	10.00	1300.00	.00	.00	574.10	.00	.00	.04	.16	124.00	543.00	.00
790515	9.60	1600.00	.00	.00	17223.00	.00	.00	.00	.00	98.00	596.00	.00
790613	9.80	1475.00	.00	.00	13204.30	40.00	44.00	.18	.01	130.00	344.00	.00
790626	9.90	1400.00	.00	.00	5166.90	.00	.00	.00	.00	88.00	503.00	.00
790710	9.80	1320.00	.00	.00	6889.20	.00	.00	.08	.22	81.00	530.00	.00
790726	9.50	1600.00	.00	.00	16074.80	.00	.00	.00	.00	237.00	682.00	.00
790829	9.50	1525.00	.00	.00	11482.00	.00	.00	.04	.29	185.00	369.00	.00
790916	9.70	1290.00	.00	.00	9759.70	.00	.00	.15	.40	178.00	321.00	.00
790925	10.10	1500.00	.00	.00	12630.20	.00	.00	.00	.00	62.00	668.00	.00
791010	10.10	1370.00	30.10	79.20	14352.50	31.00	233.00	.21	.02	217.00	364.00	-.10
791023	9.60	1400.00	.00	.00	15500.70	42.00	230.00	.00	.00	205.00	392.00	.00
791106	9.40	1350.00	12.80	38.80	13204.30	56.00	214.00	.06	-.01	174.00	401.00	.53
791123	9.30	1000.00	.00	.00	12056.10	40.00	156.00	.00	.00	206.00	339.00	.00
791204	9.40	1130.00	4.84	36.20	13204.30	45.00	215.00	-.01	-.01	193.00	375.00	.49
791219	8.90	1200.00	.00	.00	14926.60	53.00	142.00	.00	.00	175.00	374.00	.00
800103	9.80	1000.00	9.90	46.50	6889.20	47.00	.00	.05	.05	175.00	276.00	.50
800114	9.90	1100.00	.00	.00	9759.70	23.00	77.00	.00	.00	181.00	319.00	.00
800201	9.30	1175.00	.00	.00	7463.30	15.00	117.00	.00	.00	93.00	221.00	.00
800212	9.54	1300.00	29.20	57.10	13204.30	26.00	164.00	.17	.14	127.00	429.00	.34
800226	9.76	1500.00	.00	.00	18945.30	47.00	272.00	.00	.00	163.00	497.00	.00
800311	9.62	1000.00	31.00	151.00	13204.30	57.00	178.00	.18	.19	156.00	350.00	-.10
800325	9.95	990.00	.00	.00	9185.60	18.00	169.00	.00	.00	78.00	288.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OP14 (208)

DATE	PH	COND UMOM/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HCO3 MG/L	NH3 MG/L
800408	10.16	800.00	36.80	71.70	9185.60	14.00	132.00	.12	.20	192.00	250.00	.36
800421	9.90	1100.00	.00	.00	8037.40	17.00	188.00	.00	.00	192.00	213.00	.00
800506	9.80	1100.00	15.60	122.00	7463.30	16.00	199.00	.19	.16	78.00	220.00	.45
800520	9.92	1100.00	.00	.00	9759.70	11.00	215.00	.00	.00	144.00	220.00	.00
800603	9.97	1200.00	13.10	69.10	10907.90	25.00	213.00	.14	.16	132.00	256.00	.38
800617	9.79	1000.00	.00	.00	10333.80	15.00	154.00	.00	.00	156.00	262.00	.00
800701	9.78	970.00	23.60	62.30	9759.70	14.00	207.00	.16	.12	156.00	281.00	-.10
800715	9.56	860.00	.00	.00	21241.70	51.00	205.00	.00	.00	228.00	416.00	.00
800729	9.47	1120.00	.00	.00	7463.30	20.00	150.00	.00	.00	155.00	249.00	.00
800811	10.01	1030.00	6.30	30.60	8037.40	13.00	212.00	.17	.11	150.00	224.00	.43
800825	10.14	1010.00	.00	.00	8611.50	28.00	191.00	.00	.00	189.00	270.00	.00
800909	9.99	980.00	12.60	34.30	10907.90	19.00	180.00	.23	.13	156.00	262.00	.44
800922	10.18	1000.00	.00	.00	12056.10	13.00	178.00	.00	.00	186.00	214.00	.00
801007	9.73	1100.00	.00	.00	10907.90	18.00	171.00	.00	.00	156.00	372.00	.00
801021	10.05	1000.00	.00	.00	6889.20	17.00	198.00	.00	.00	138.00	250.00	.00
801103	9.90	980.00	72.10	41.00	6889.20	13.00	212.00	.17	.14	132.00	232.00	.82
801117	10.02	1000.00	.00	.00	9185.60	16.00	188.00	.00	.00	144.00	262.00	.00
801202	9.74	900.00	.00	.00	6889.20	15.00	189.00	.00	.00	126.00	299.00	.00
801215	9.75	1000.00	.00	.00	8037.40	17.00	202.00	.00	.00	132.00	262.00	.00
801230	9.72	1100.00	.00	.00	5741.00	17.00	188.00	.00	.00	126.00	232.00	.00
810212	7.73	2300.00	.00	.00	68892.00	312.00	412.00	.00	.00	-1.00	360.00	.00
810310	6.62	1300.00	15.10	131.00	20093.50	107.00	405.00	.01	.05	-1.00	500.00	9.89
810408	8.23	1900.00	27.86	51.00	24686.30	40.00	450.00	.00	.34	-1.00	506.00	9.20
810423	7.70	2000.00	.00	.00	22369.90	174.00	457.00	.00	.00	-1.00	601.00	.00
810520	8.45	2000.00	.00	.00	40761.10	81.00	412.00	.00	.00	15.00	967.00	.00

SOLUTION MINE WELLS
ORIGINAL PILOT
OPI4 (208)

DATE	PH	COND UMOH/CM	RA226 PCI/L	TH230 PCI/L	UNAT PCI/L	CL MG/L	S04 MG/L	AS MG/L	SE MG/L	CO3 MG/L	HC03 MG/L	NH3 MG/L
810602	8.67	2000.00	.00	.00	37316.50	80.00	454.00	.00	.00	18.00	901.00	.00
810617	8.49	1600.00	.00	.00	25260.40	94.00	370.00	.00	.00	13.00	827.00	.00
810703	8.62	2500.00	.00	.00	49224.40	97.00	442.00	.00	.00	16.00	1082.00	.00
810715	8.24	1620.00	.00	.00	35594.20	58.00	458.00	.00	.35	-1.00	1201.00	2.01
810729	8.63	1620.00	.00	.00	35594.20	58.00	458.00	.00	.00	32.00	1082.00	.00
810813	8.23	1700.00	.00	.00	26408.60	52.00	413.00	.00	.00	-1.00	1019.00	.00
810826	8.43	1950.00	.00	.00	17797.10	49.00	386.00	.00	.00	12.00	914.00	.00
810911	8.68	2000.00	50.80	22.00	50520.80	108.00	618.00	.01	.17	42.00	1348.00	.65
810923	8.60	1900.00	.00	.00	20093.50	59.00	454.00	.00	.00	23.00	902.00	.00
811007	8.51	1800.00	.00	.00	18945.30	52.00	394.00	.00	.00	17.00	852.00	.00
811020	8.70	2000.00	.00	.00	12056.10	95.00	438.00	.00	.00	8.00	1182.00	.00
811103	8.45	1400.00	.00	8.00	16648.90	38.00	346.00	.00	.17	7.00	810.00	-.03
811117	8.25	1400.00	.00	.00	16074.80	46.00	354.00	.00	.00	-1.00	808.00	.00
811202	7.45	1200.00	.00	.00	18945.30	26.00	323.00	.00	.00	-1.00	792.00	.00
811215	8.45	1200.00	.00	.00	18945.30	41.00	254.00	.00	.00	10.00	642.00	.00
811231	8.50	1100.00	.00	.00	18945.30	40.00	319.00	.00	.00	23.00	182.00	.00
820111	8.60	1100.00	.00	.00	14352.50	53.00	276.00	.00	.00	26.00	83.00	.00
820309	8.60	.00	.00	.00	36742.40	59.00	533.00	.00	.00	.00	.00	.00
820727	8.00	1800.00	.00	.00	574.10	83.00	269.00	.00	.00	-1.00	988.00	.00

Return to URFO 467-55
40-8064
w/lt 9/29/82

APPENDIX B

(Continued)

TO

ATTACHMENT III

ANALYTICAL DATA (PLOTS) FOR FLUID SAMPLES

COLLECTED AT

EXXON MINERALS COMPANY'S

ORIGINAL PILOT URANIUM SOLUTION MINE AT HIGHLAND

06201-29

DESIGNATED ORIGINAL
Certified By _____

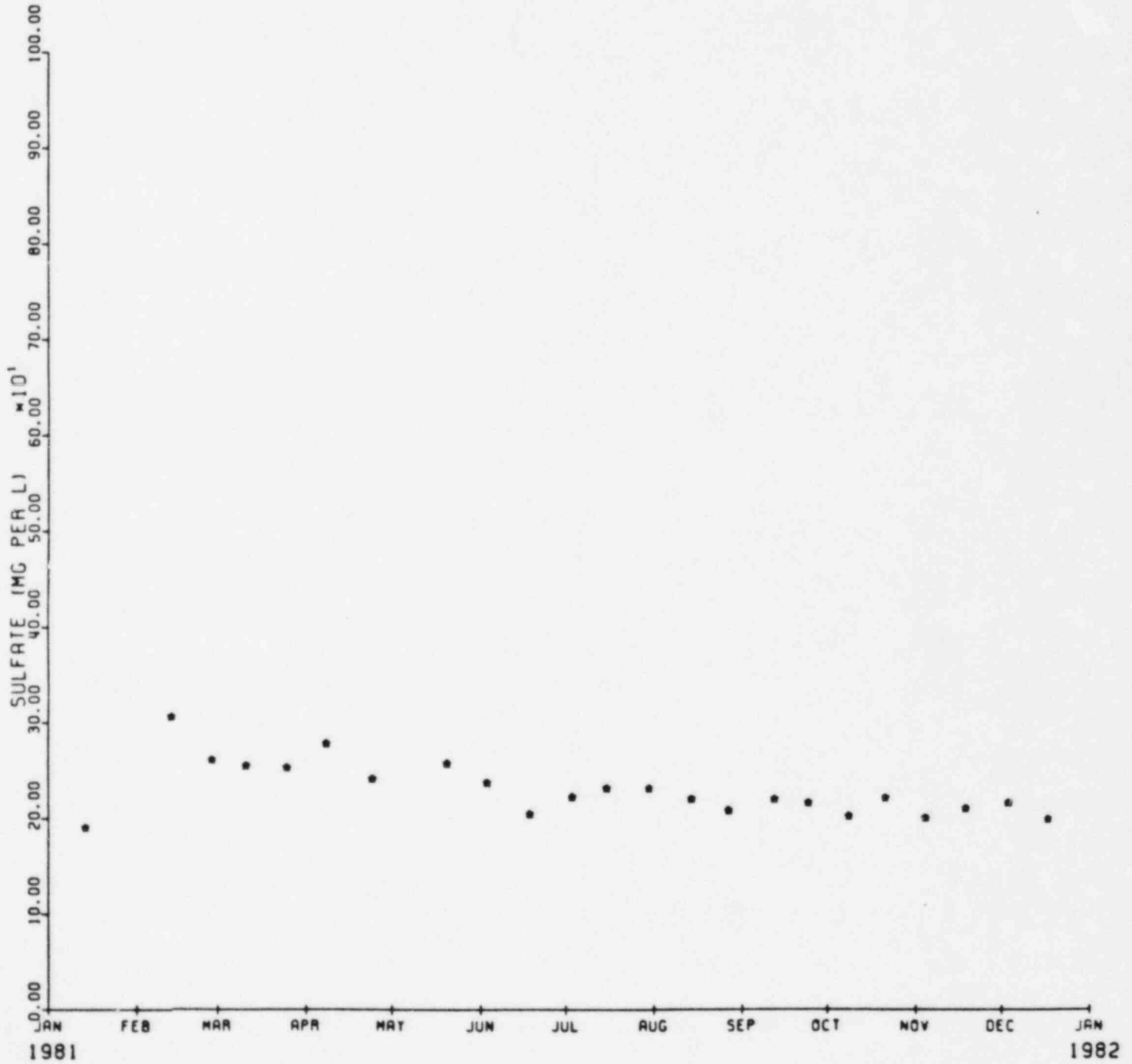
20770

EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP INJ (200)

SULFATE VS TIME
1981-1982

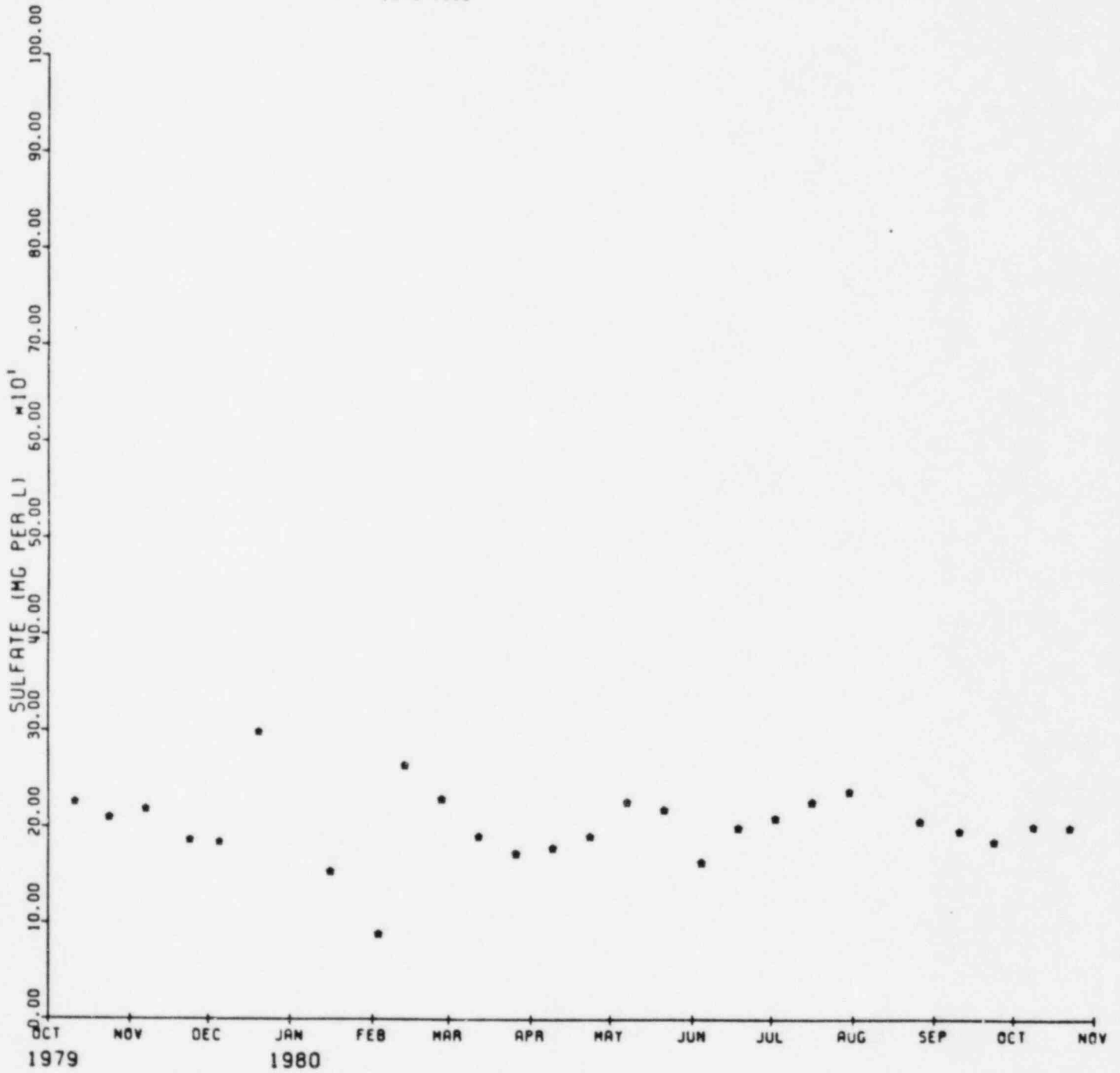


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP1 (201)

SULFATE VS TIME
1979-1980

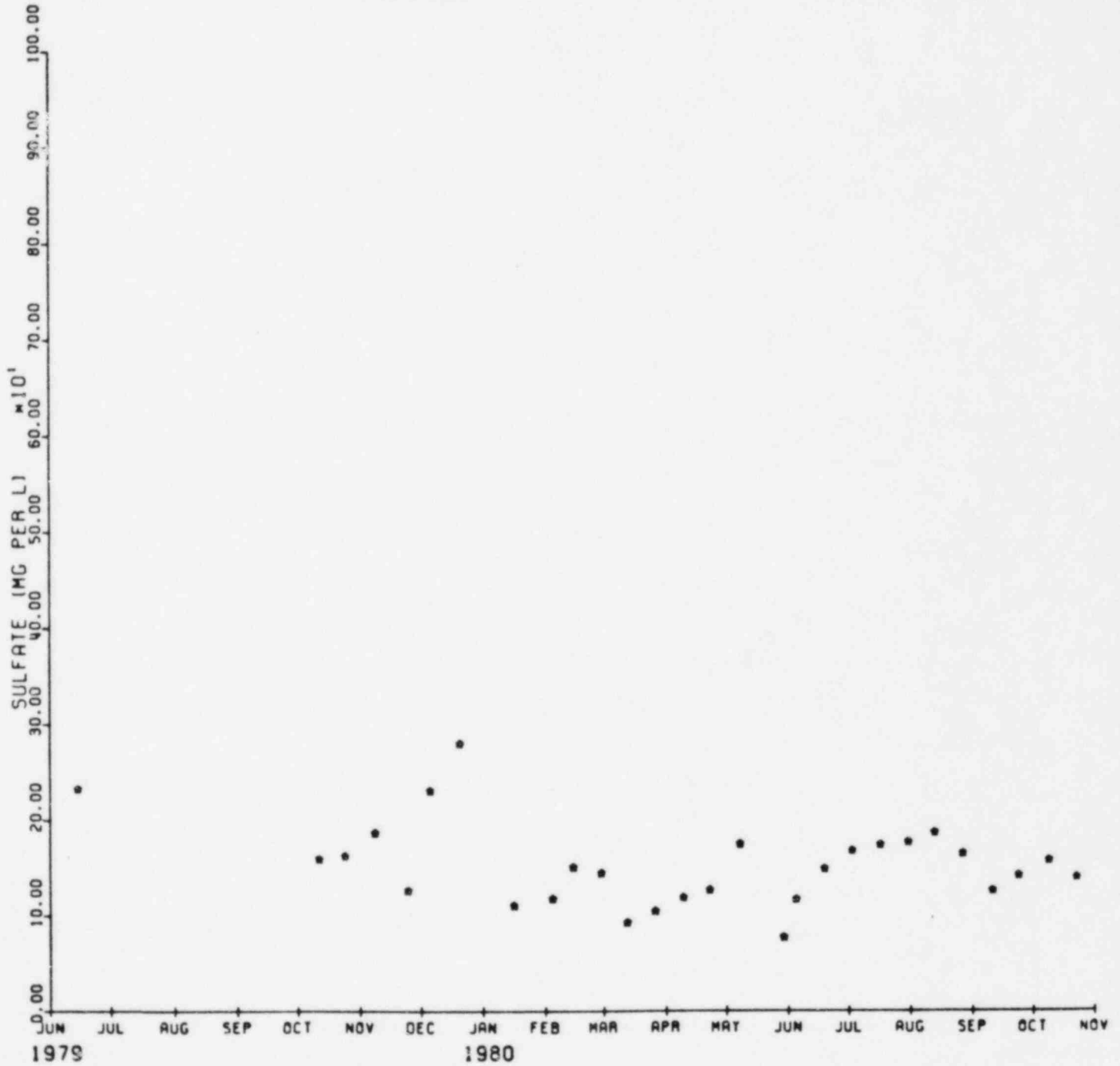


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP2 (202)

SULFATE VS TIME
1979-1980

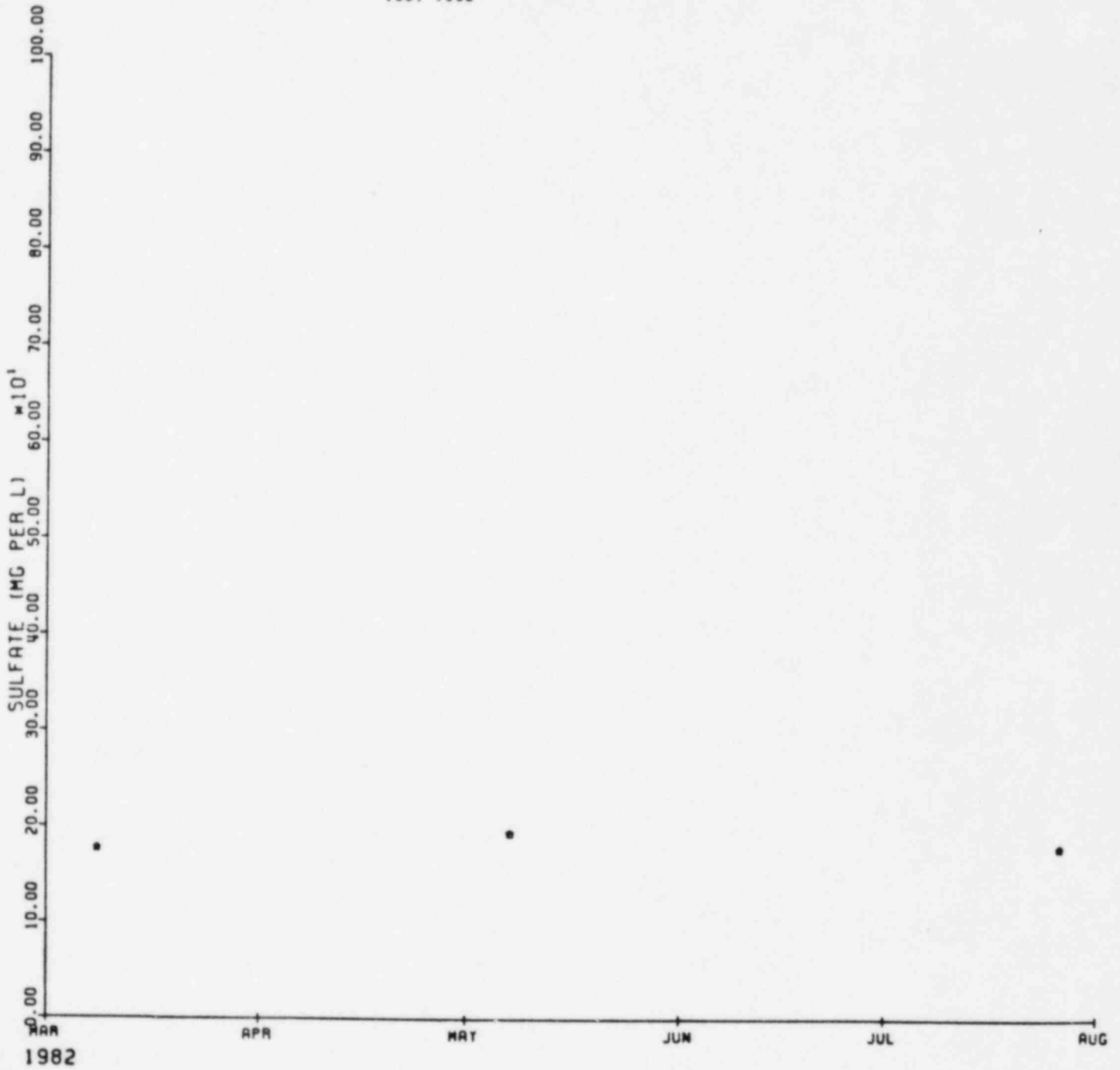


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP2 (202)

SULFATE VS TIME
1981-1982

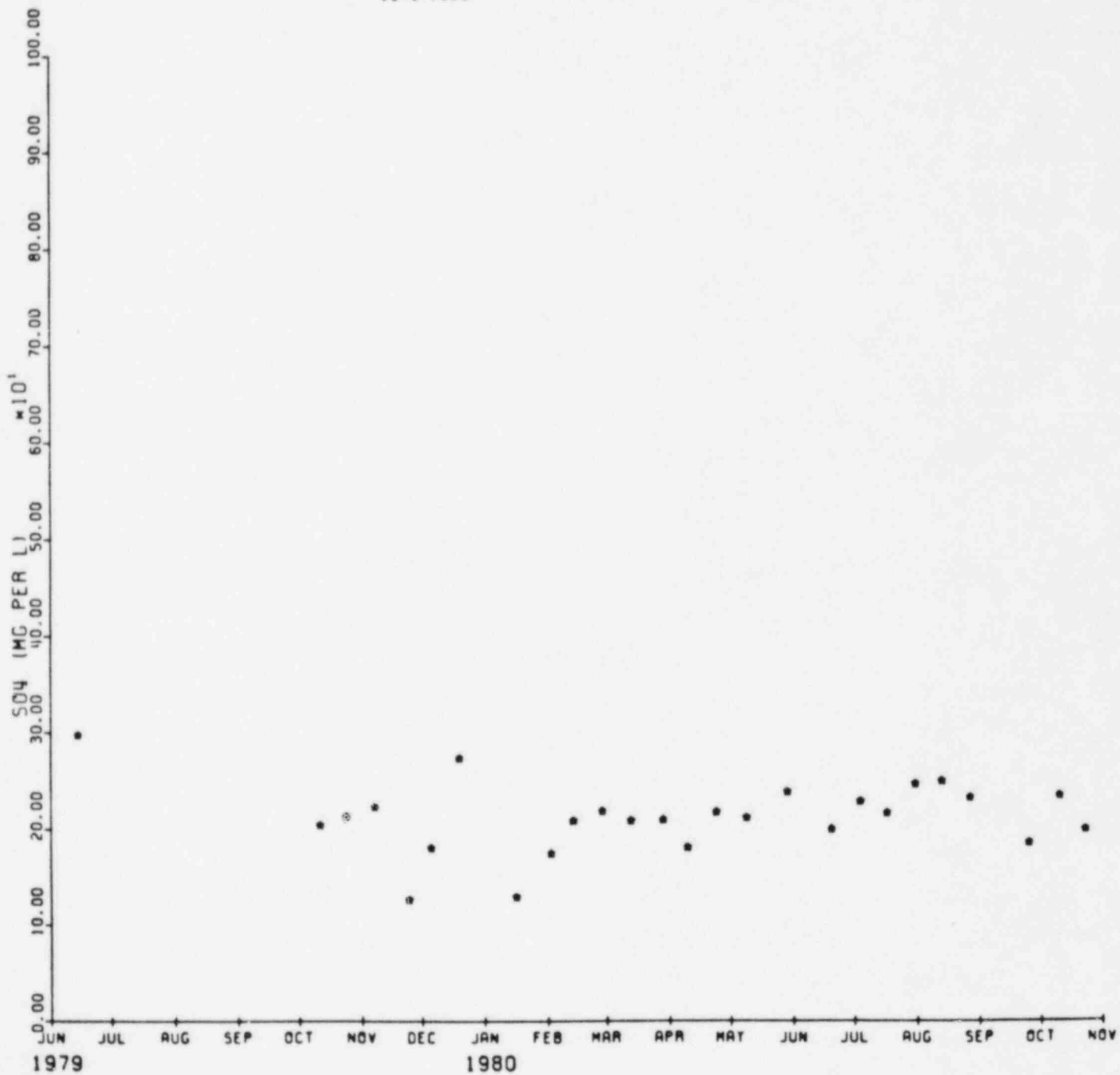


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP3 (203)

SO₄ VS TIME
1979-1980

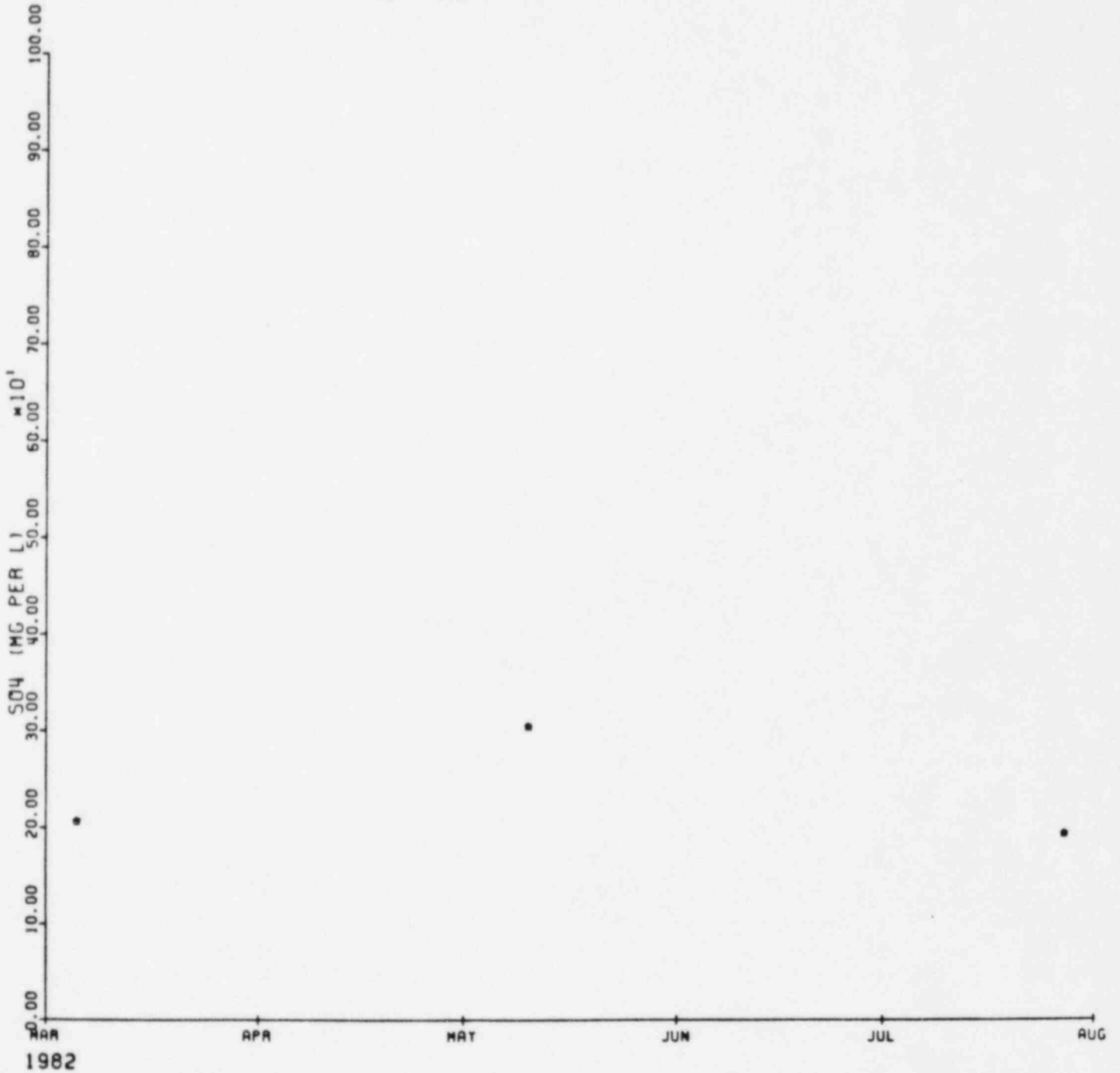


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP3 (203)

SO₄ VS TIME
1981-1982

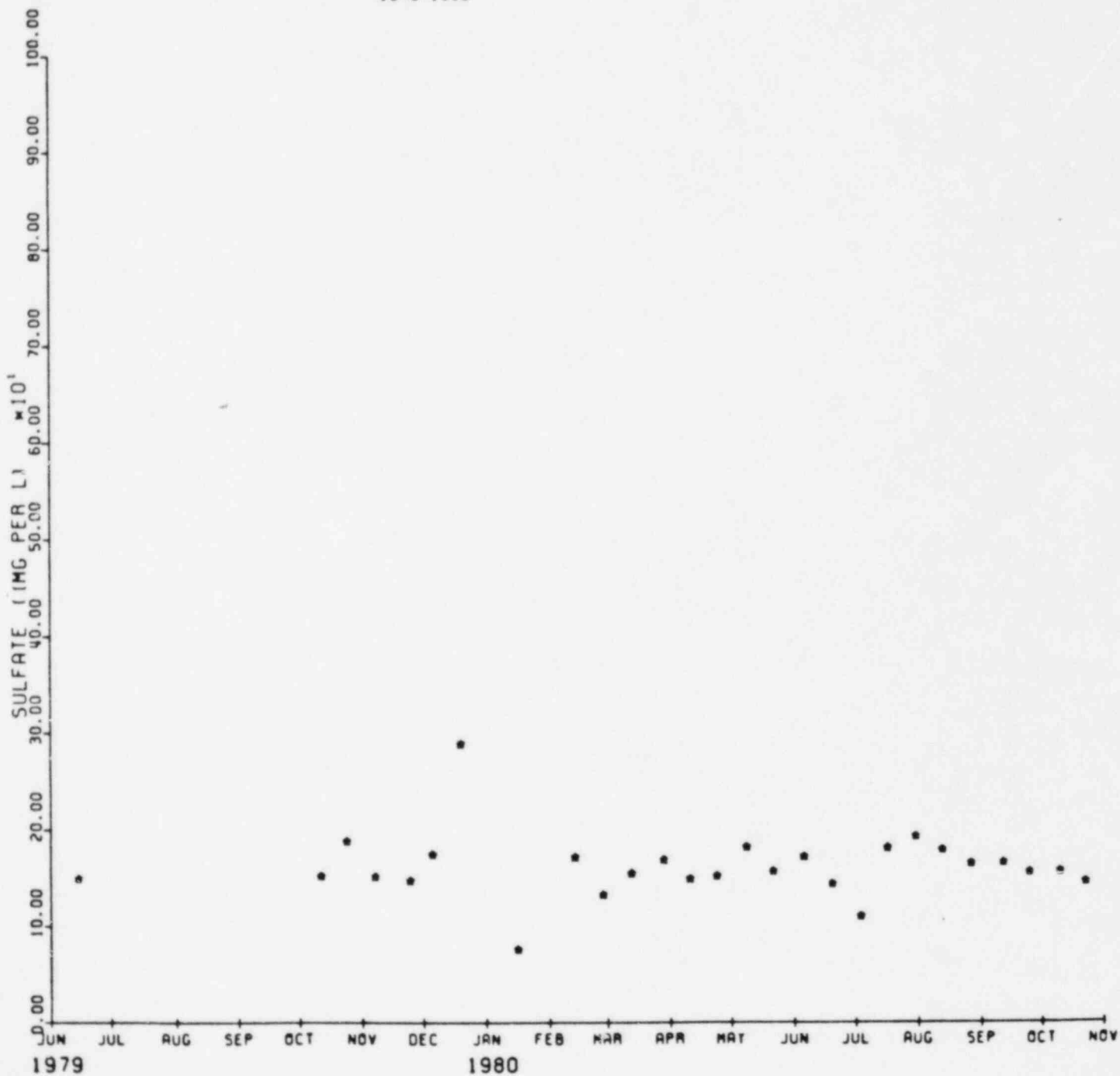


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL OP4 (204)

SULFATE VS TIME
1979-1980

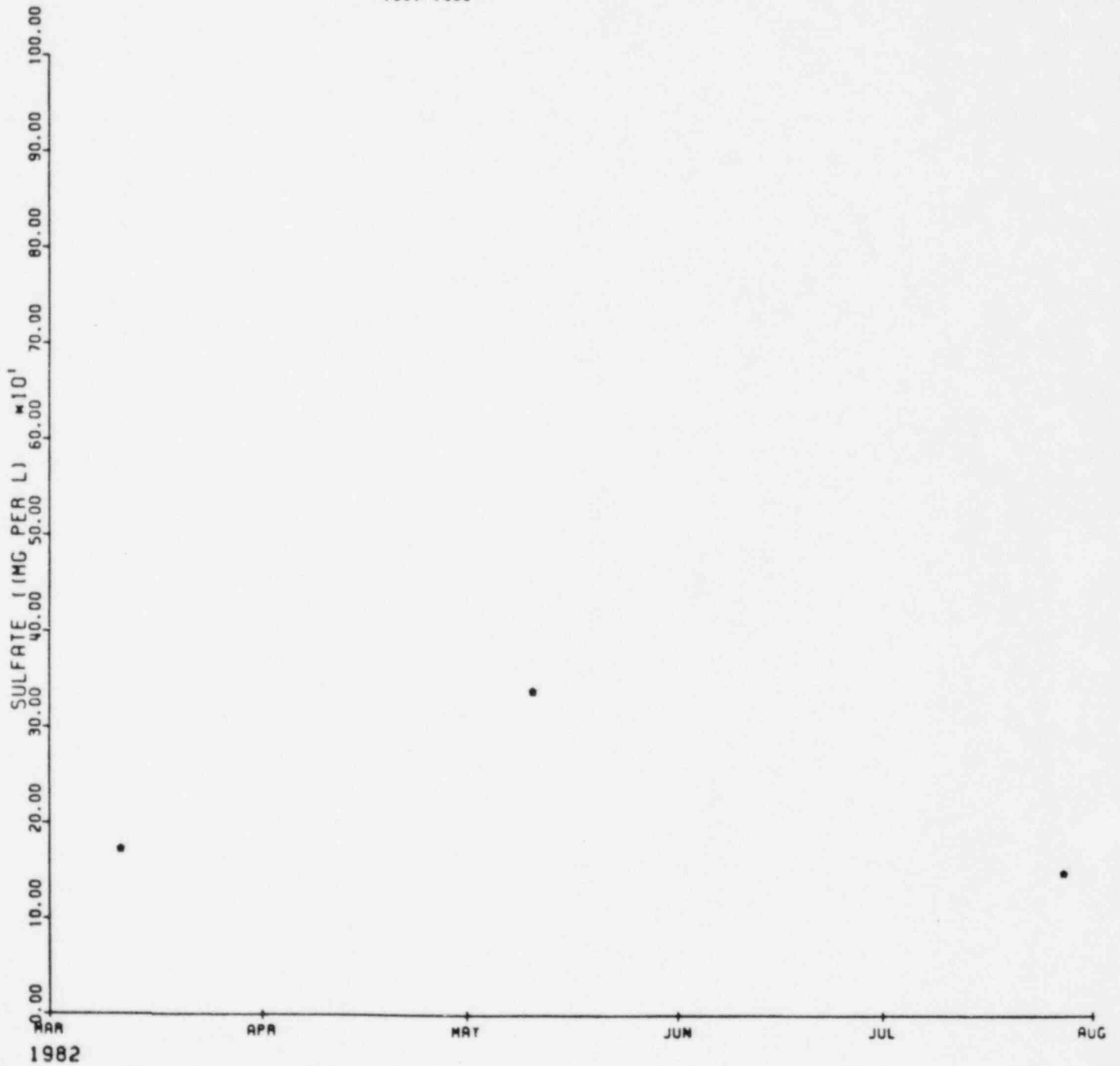


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL OP4 (204)

SULFATE VS TIME
1981-1982

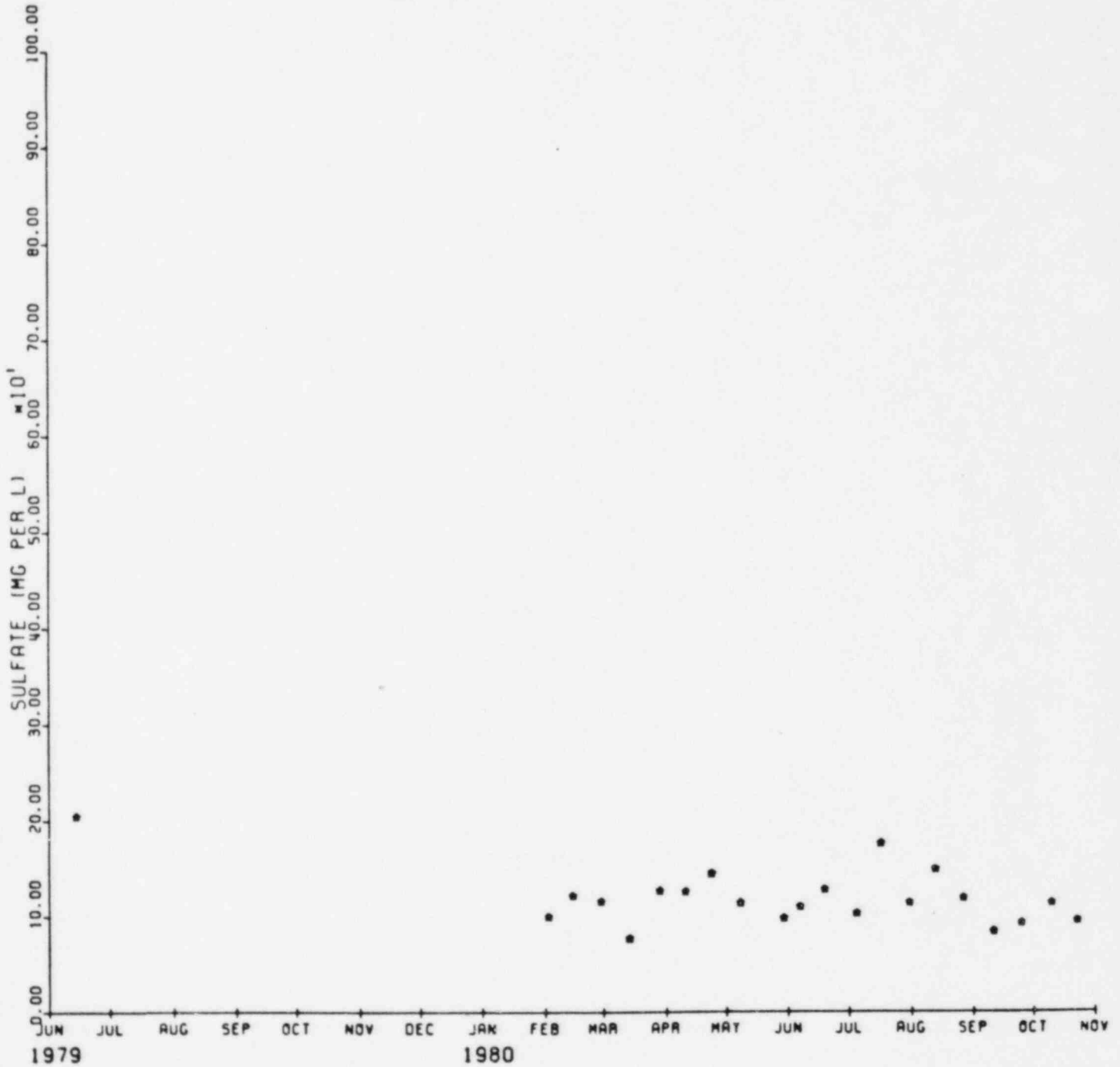


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL OP5 (205)

SULFATE VS TIME
1979-1980

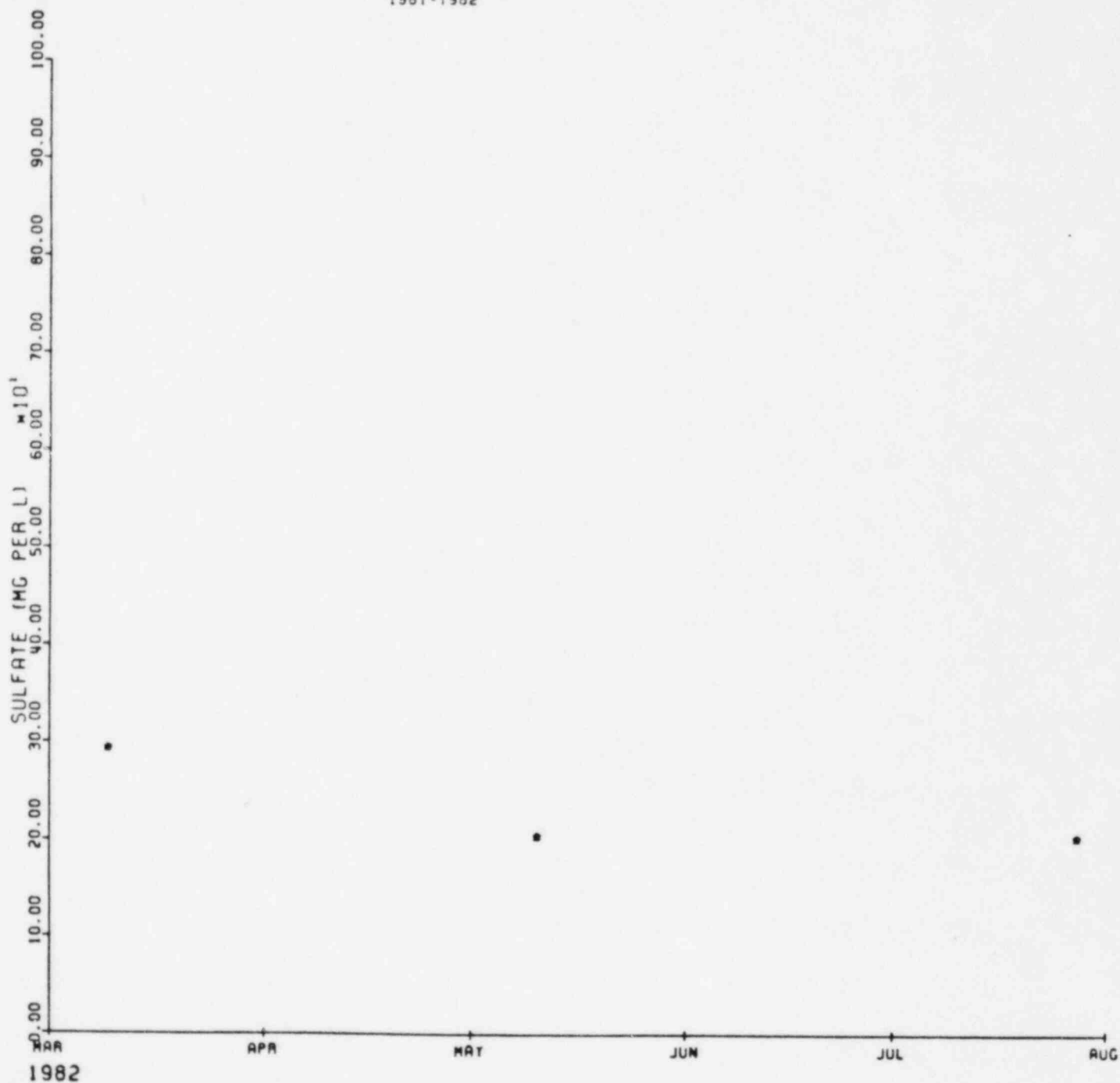


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL OPS (205)

SULFATE VS TIME
1981-1982

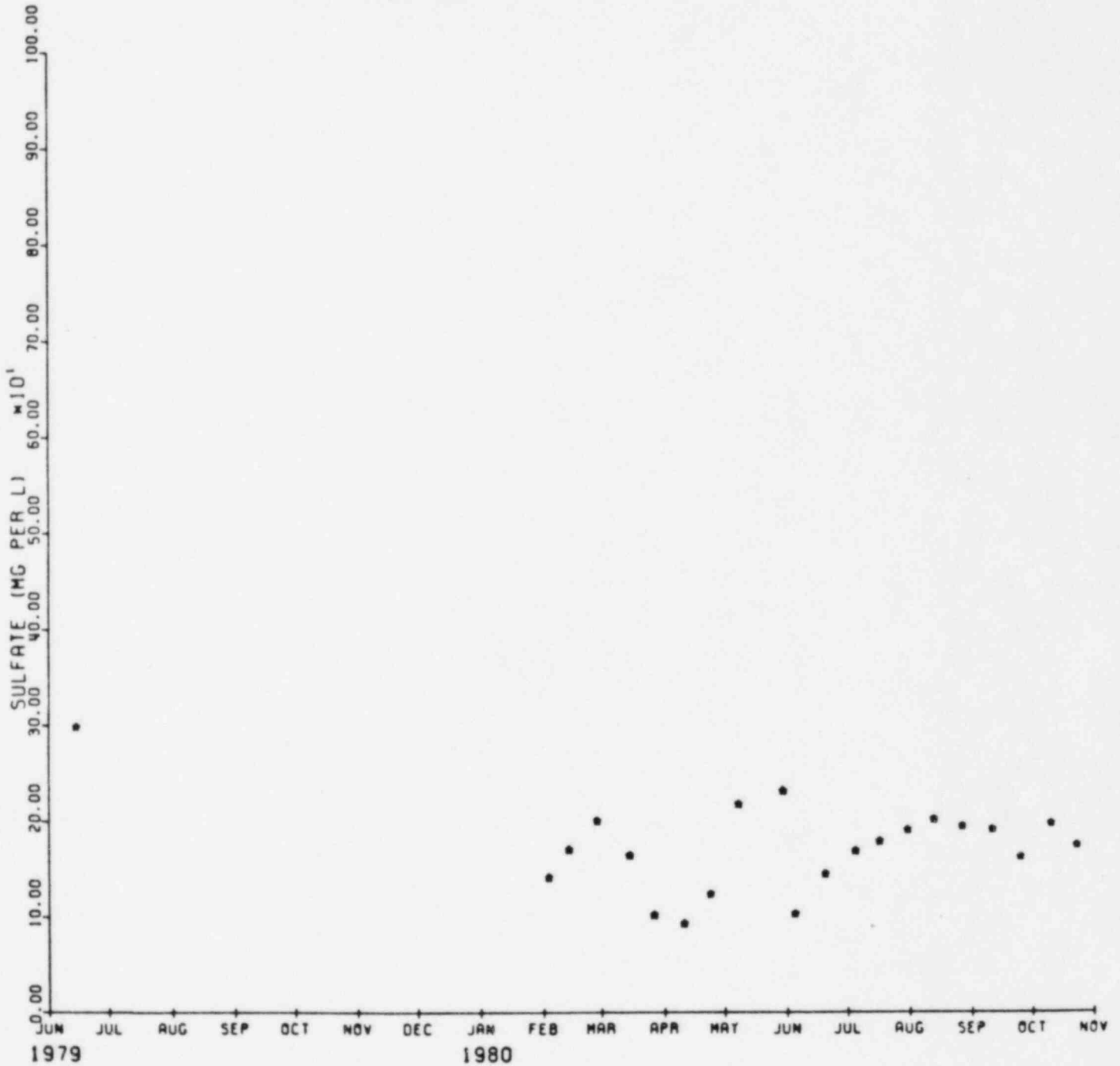


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP6 (206)

SULFATE VS TIME
1979-1980

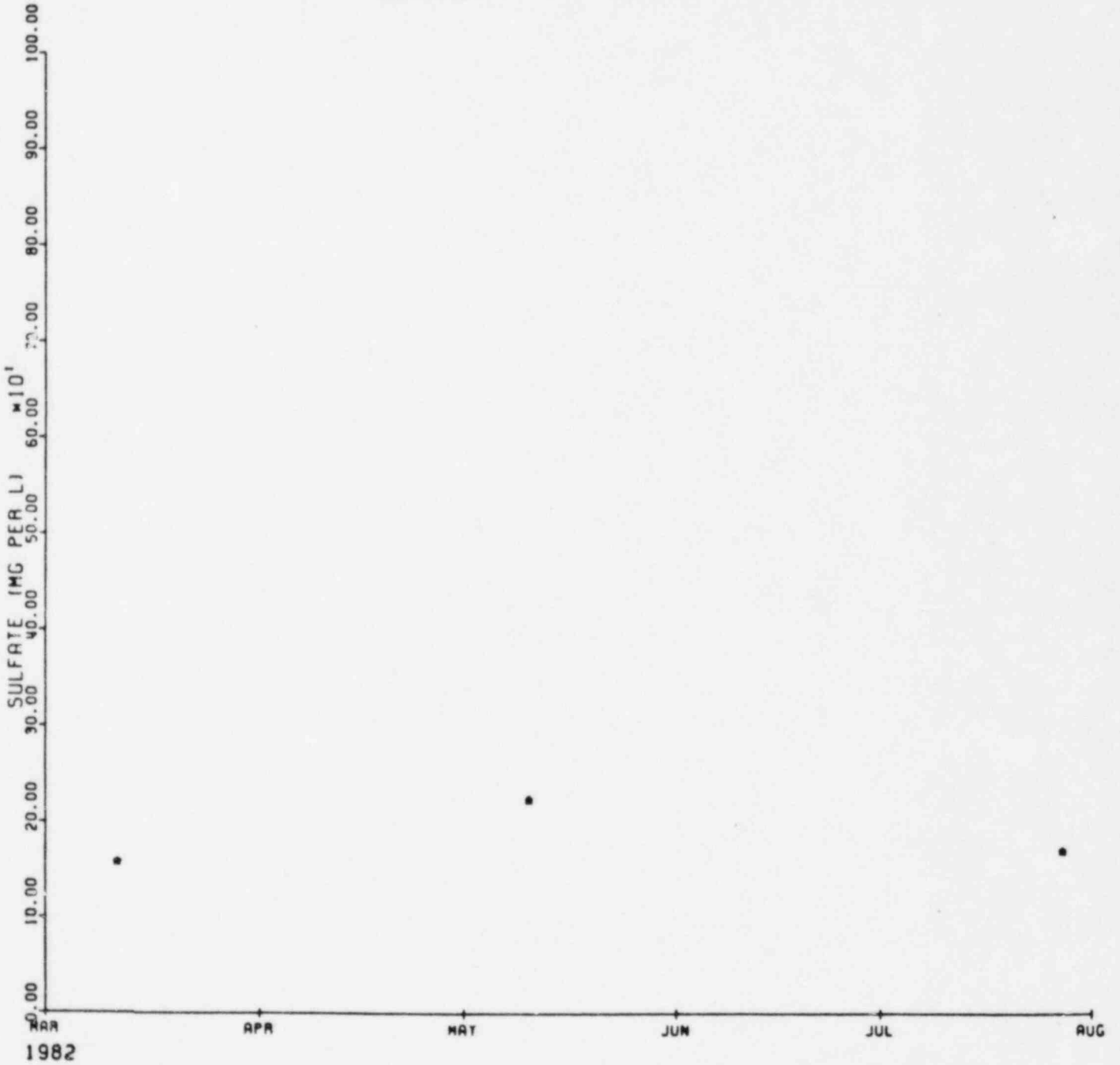


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP6 (206)

SULFATE VS TIME
1981-1982

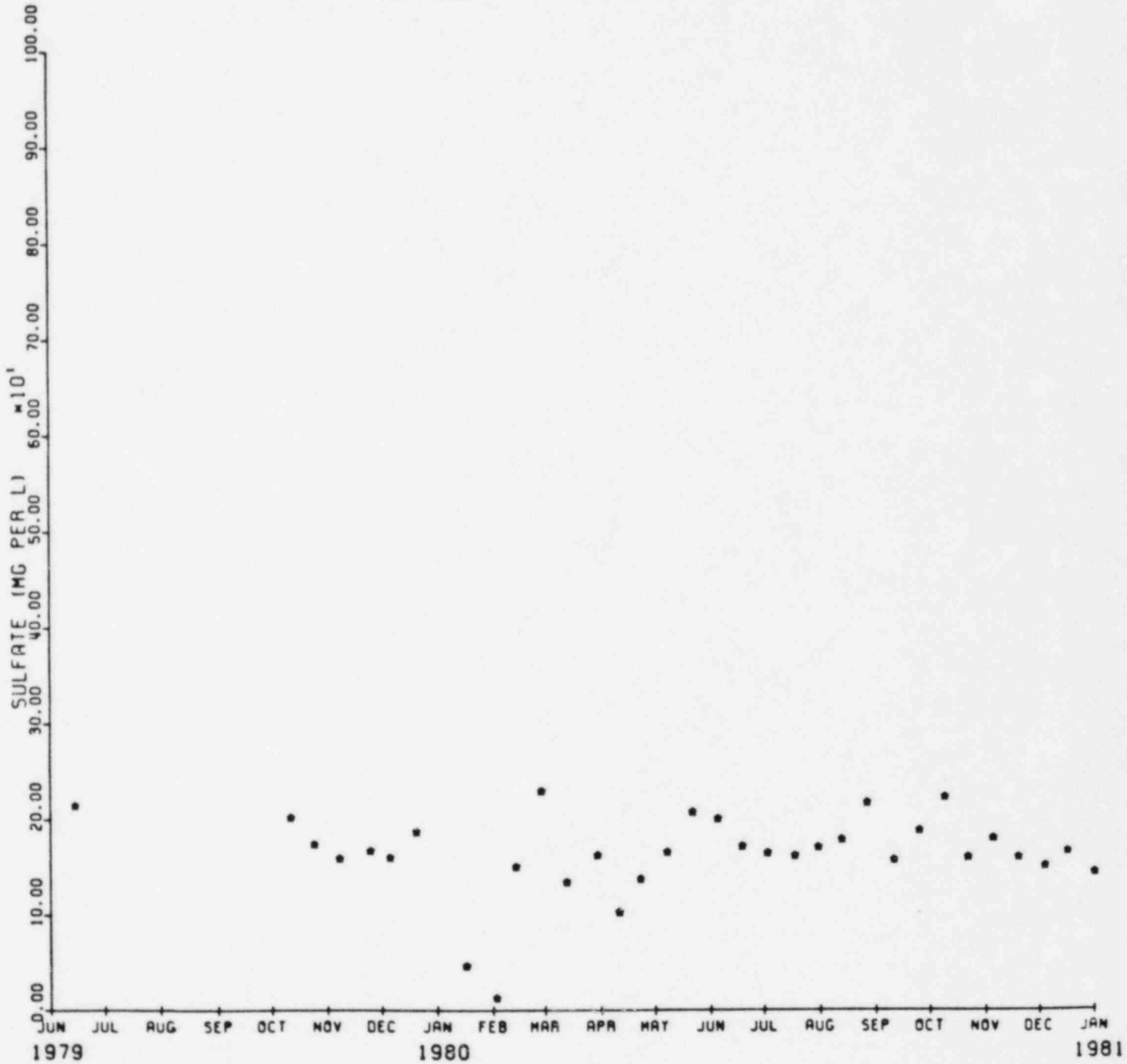


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 007 (209)

SULFATE VS TIME
1979-1980

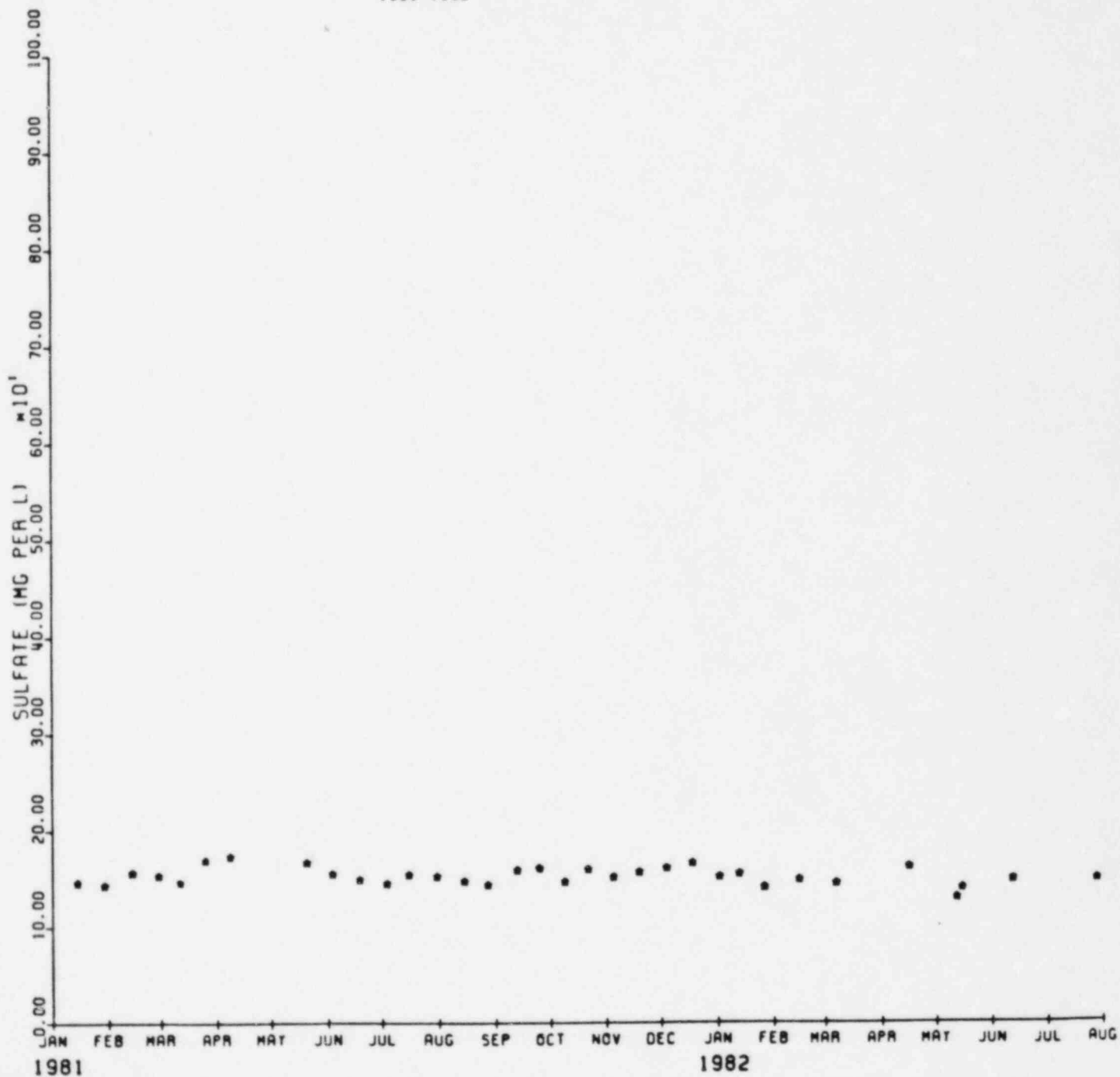


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 007 (209)

SULFATE VS TIME
1981-1982

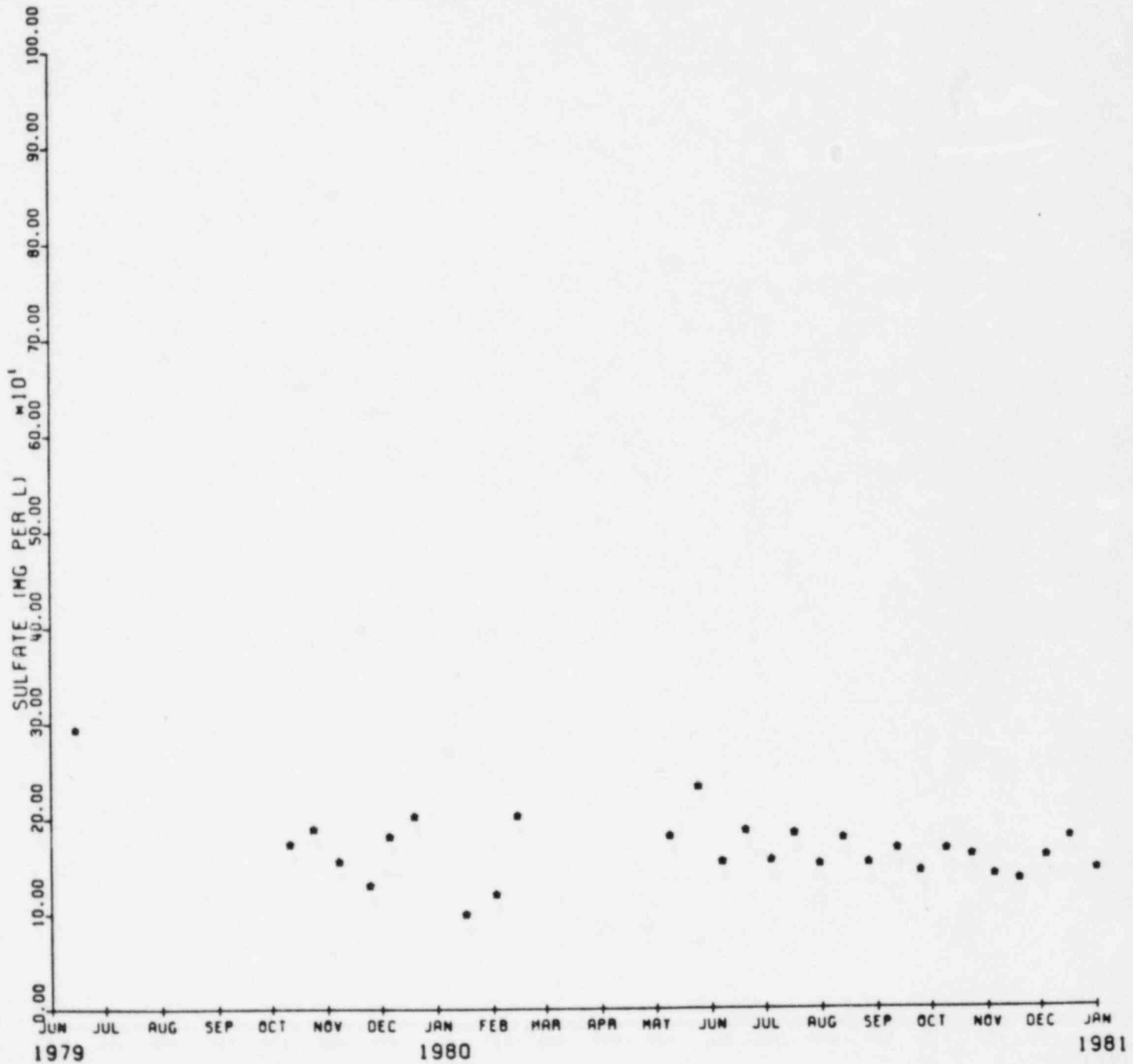


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 8 (210)

SULFATE VS TIME
1979-1980

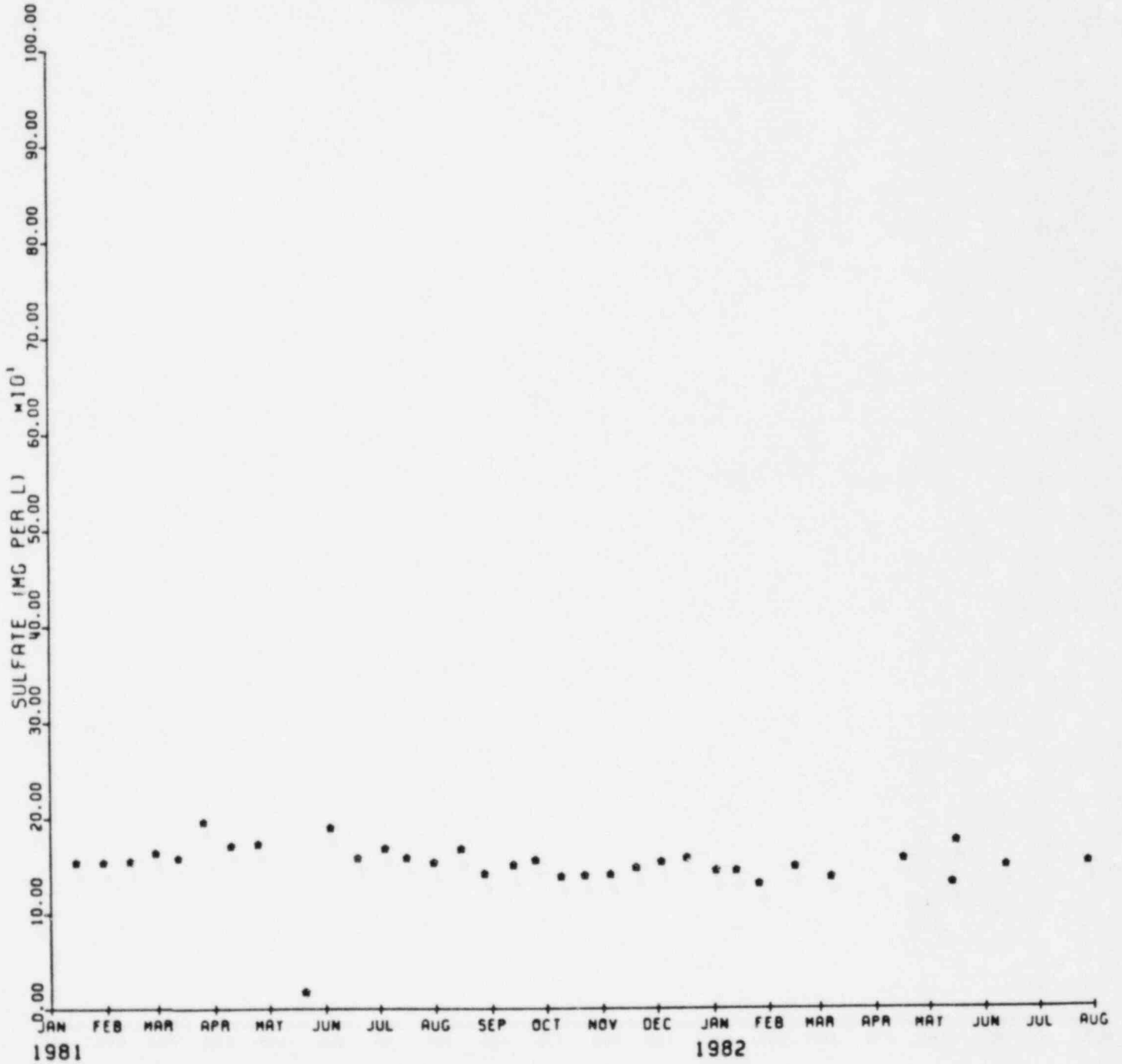


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 8 (210)

SULFATE VS TIME
1981-1982

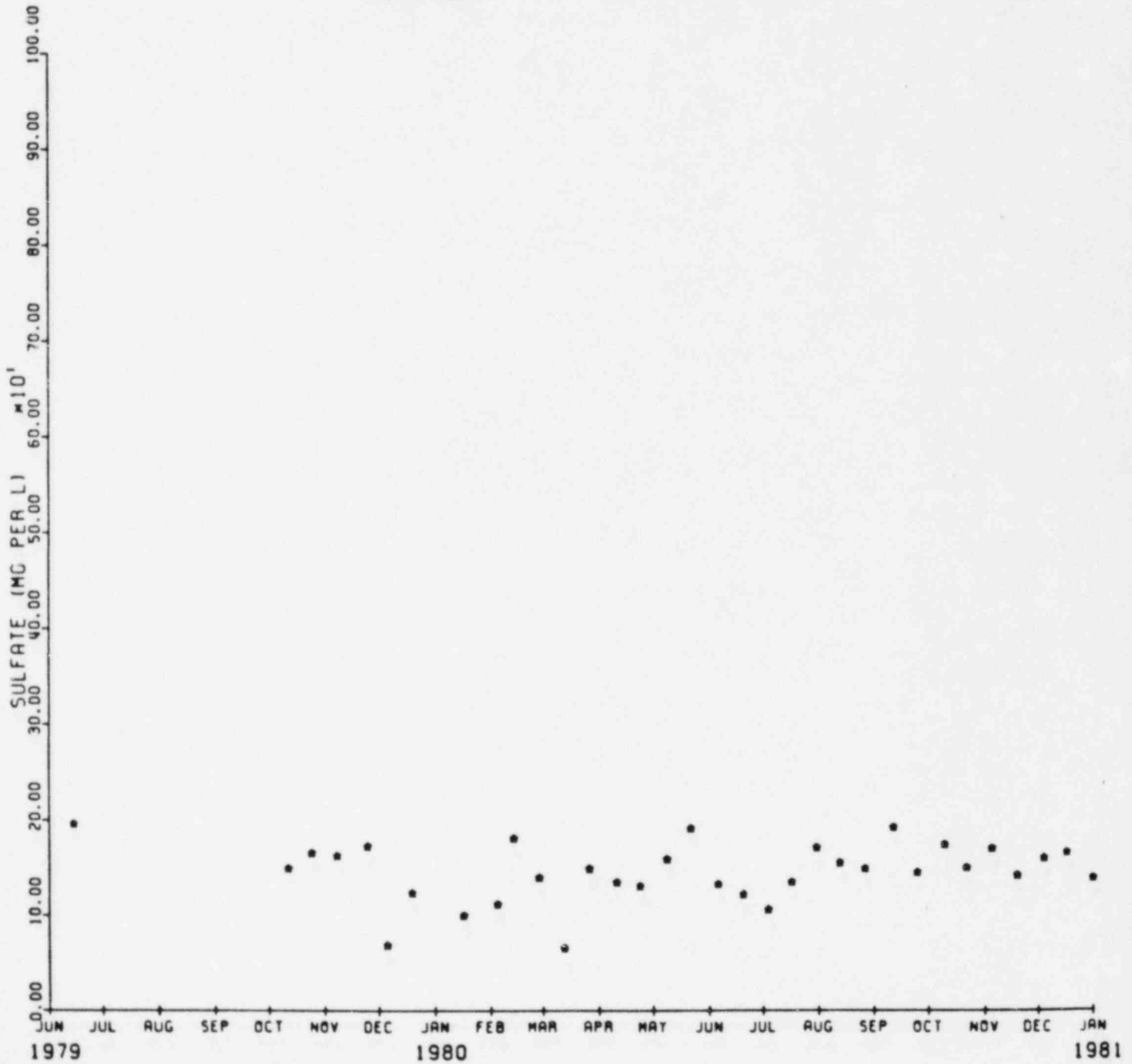


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 9 (211)

SULFATE VS TIME
1979-1980

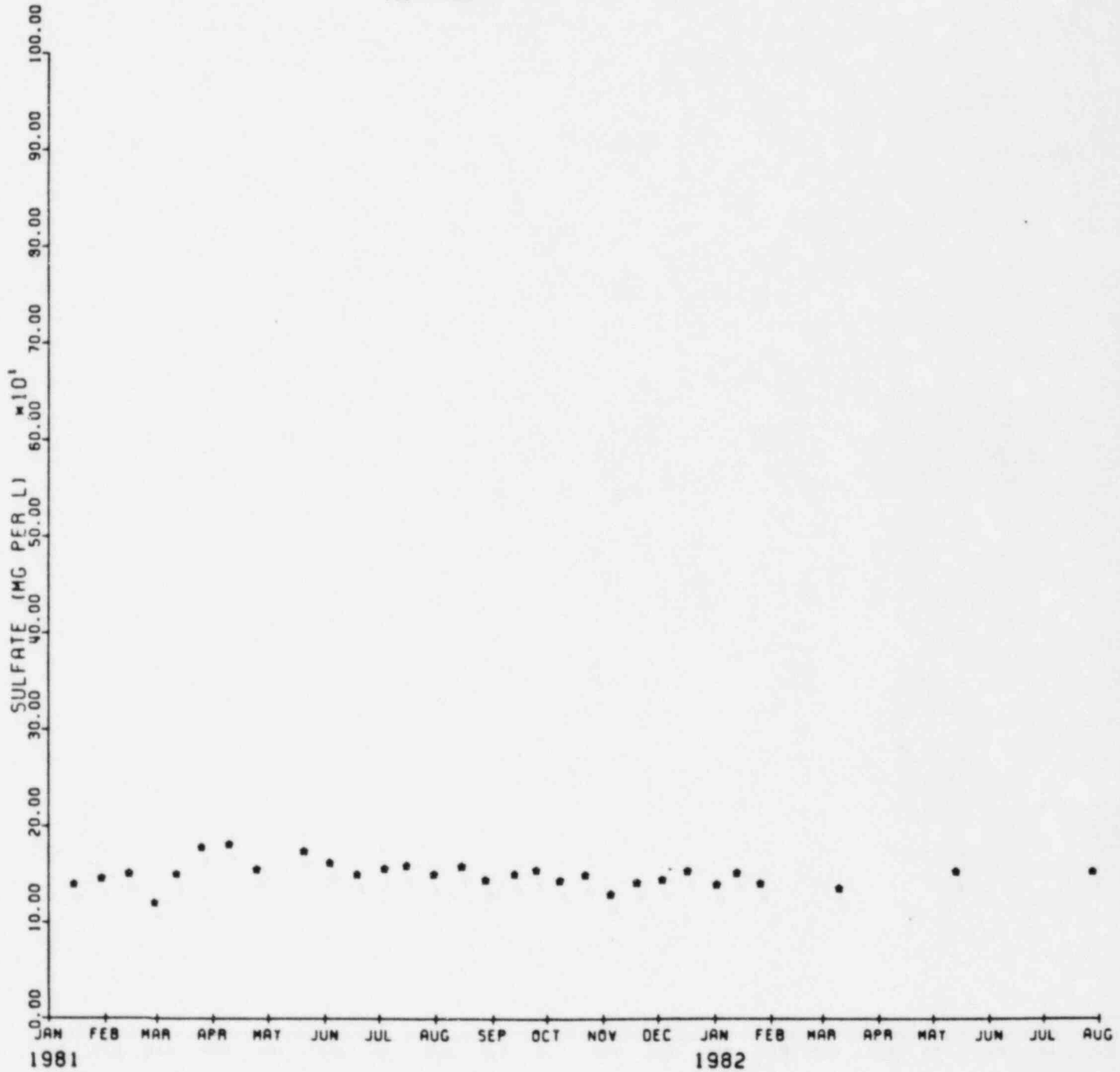


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 9 (211)

SULFATE VS TIME
1981-1982

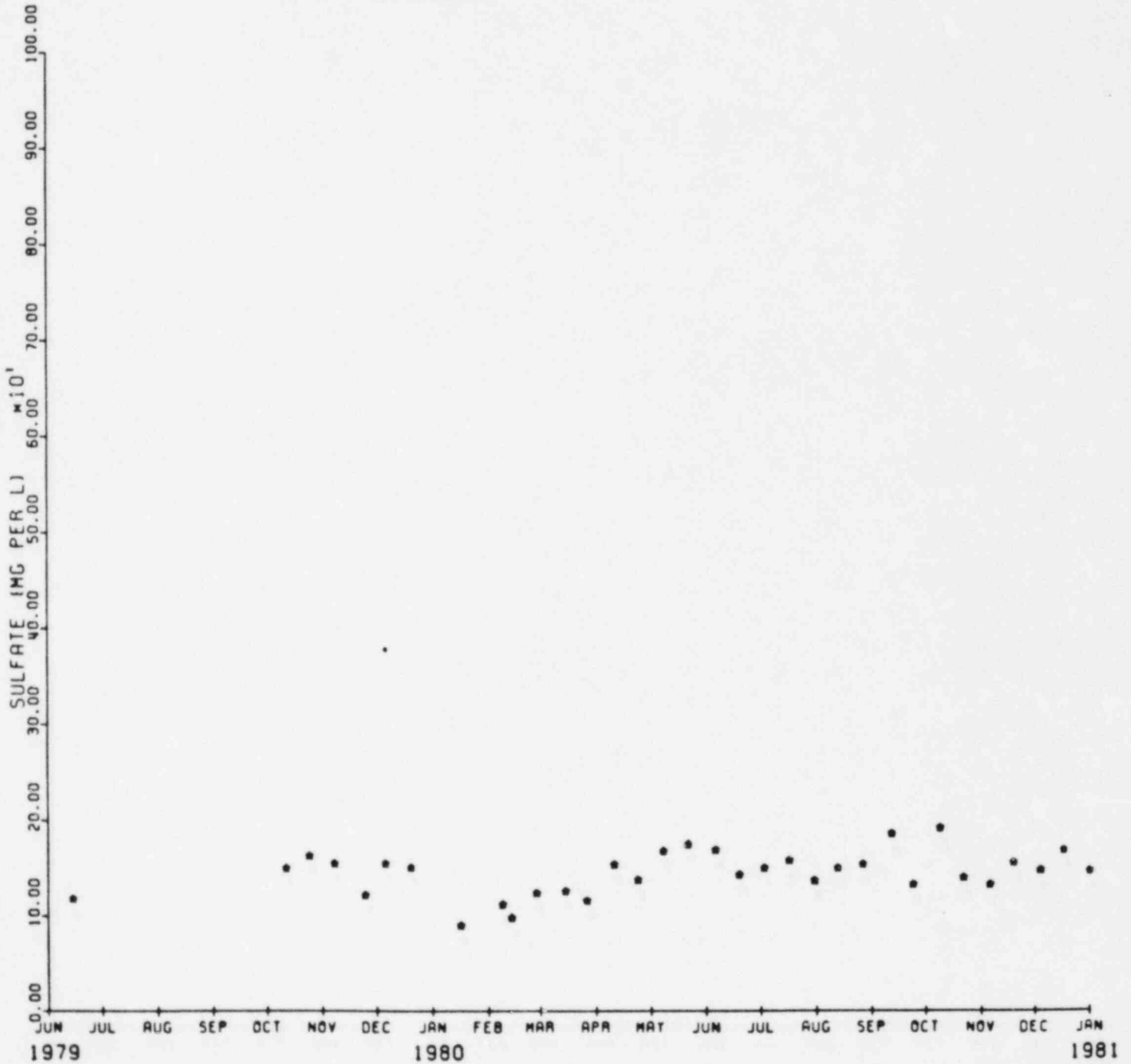


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 10 (212)

SULFATE VS TIME
1979-1980

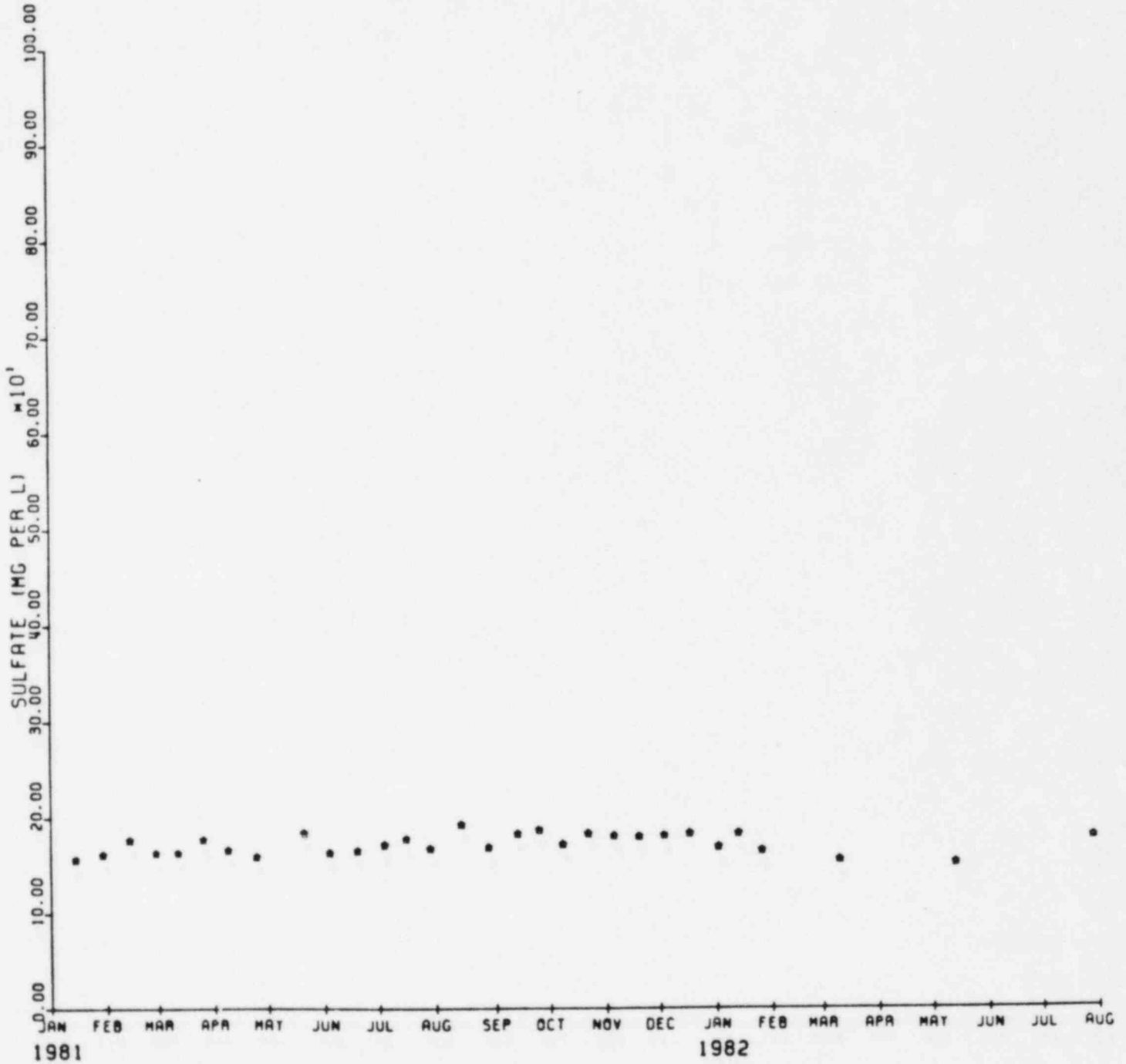


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 10 (212)

SULFATE VS TIME
1981-1982

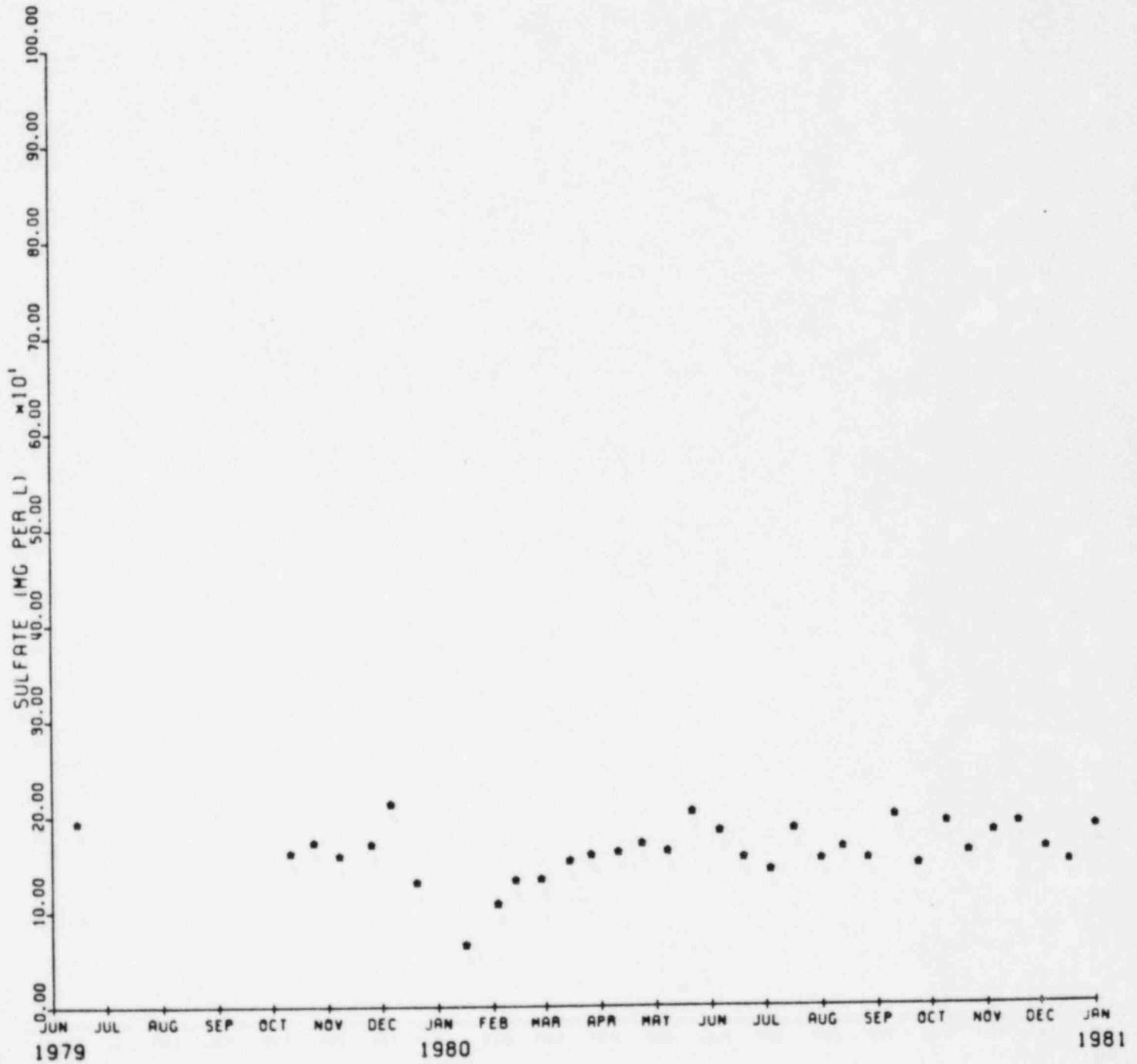


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 0011 (213)

SULFATE VS TIME
1979-1980

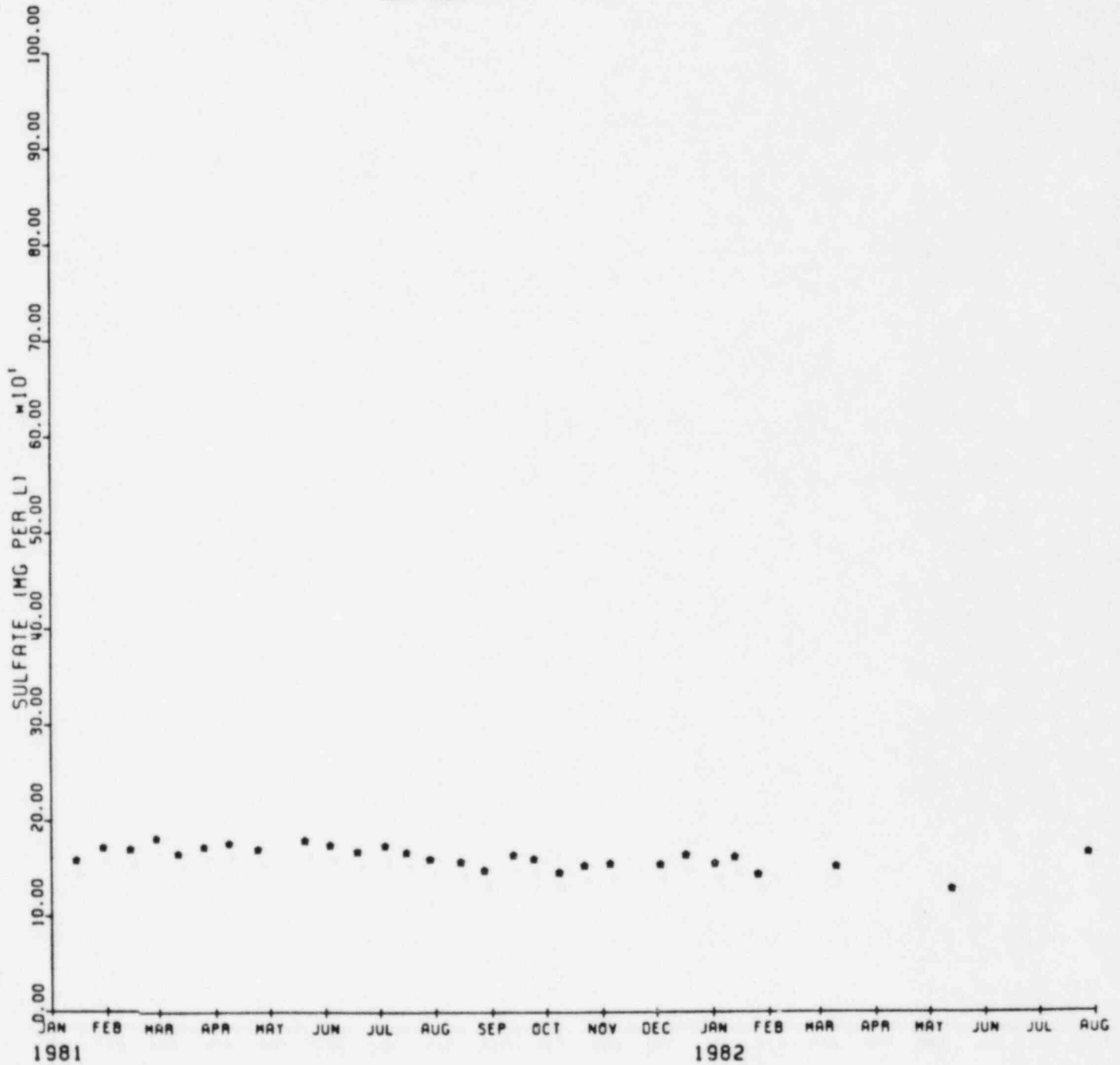


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 0011 (213)

SULFATE VS TIME
1981-1982

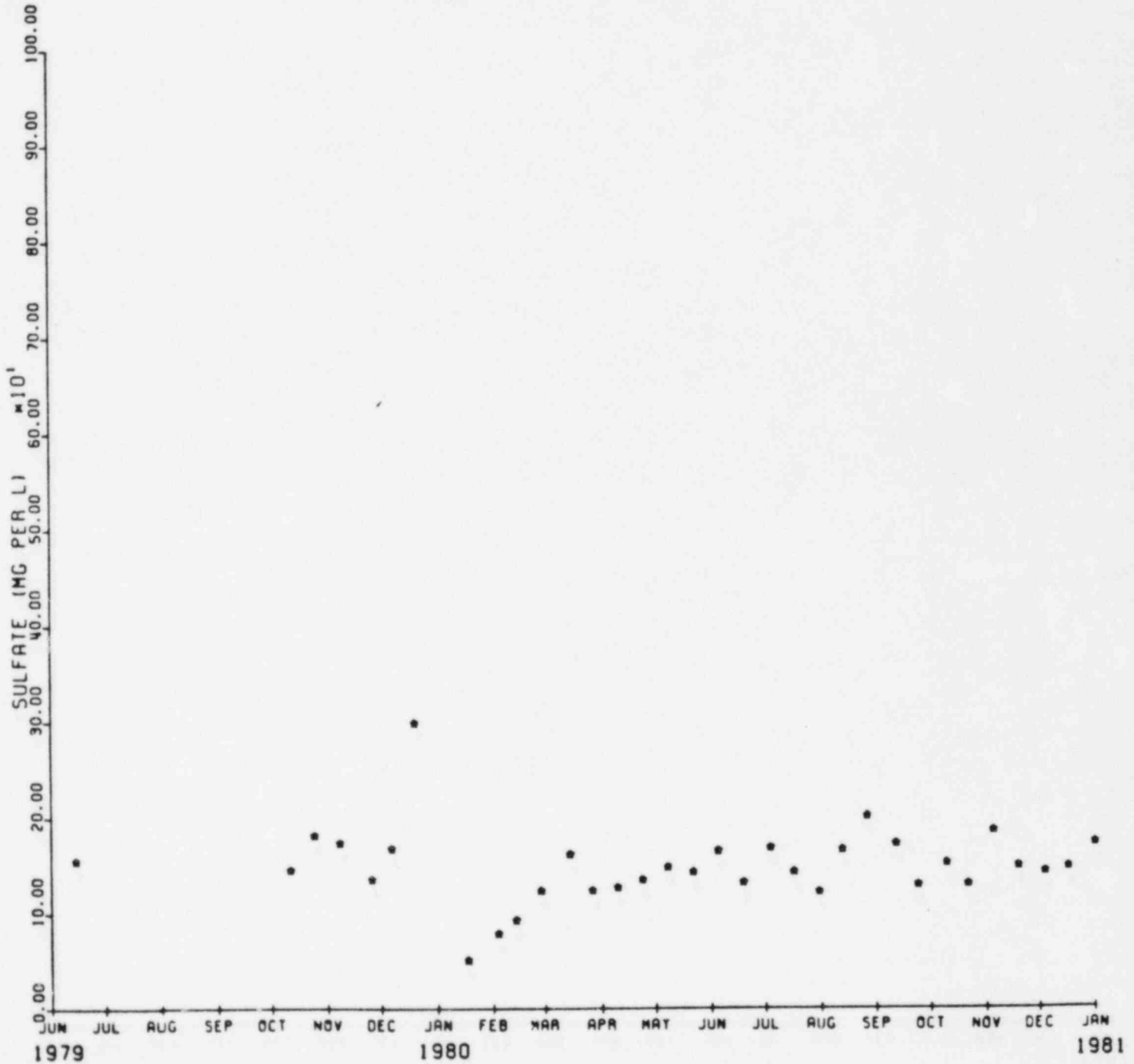


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 0012 (214)

SULFATE VS TIME
1979-1980

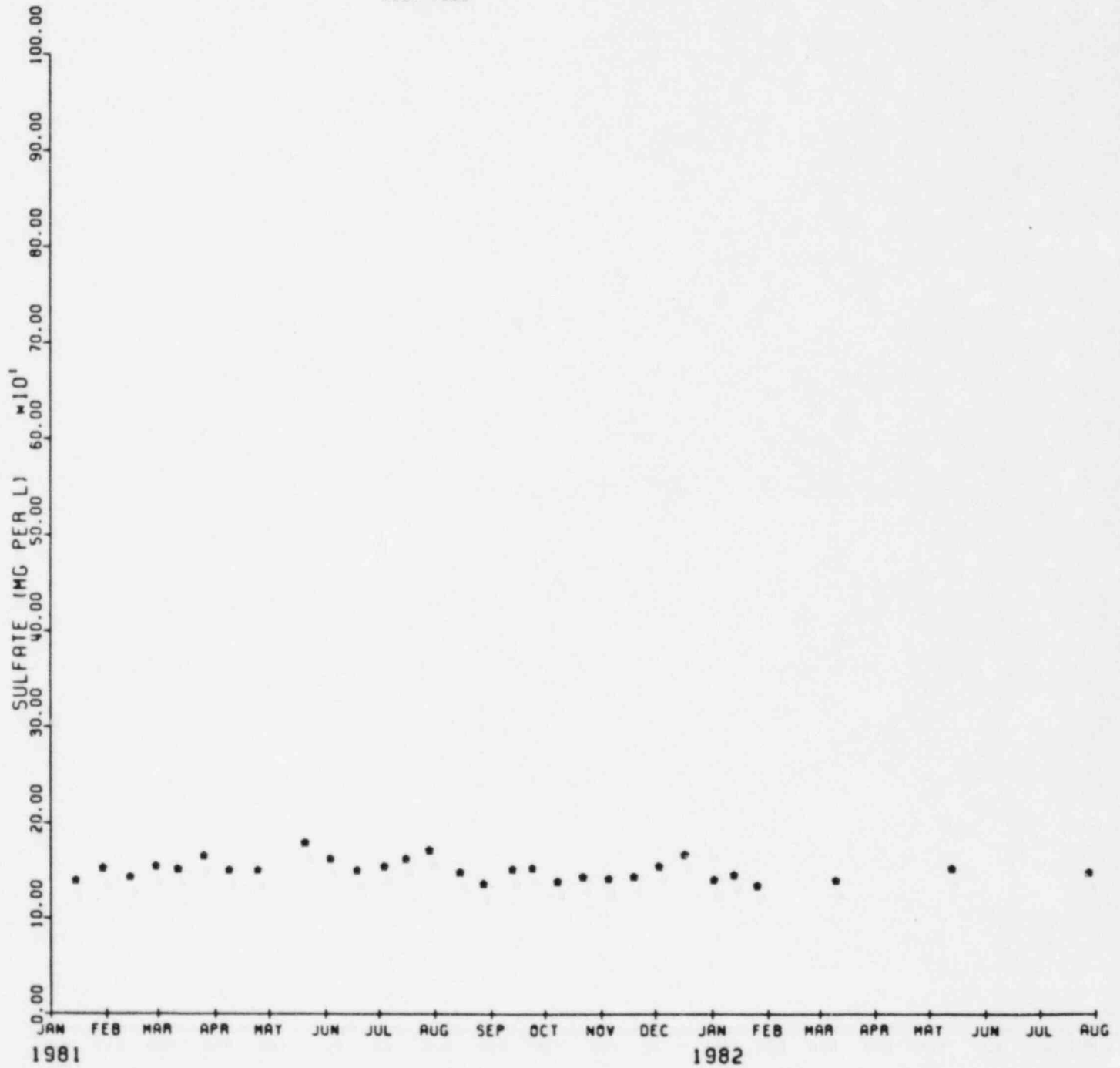


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 0012 (214)

SULFATE VS TIME
1981-1982

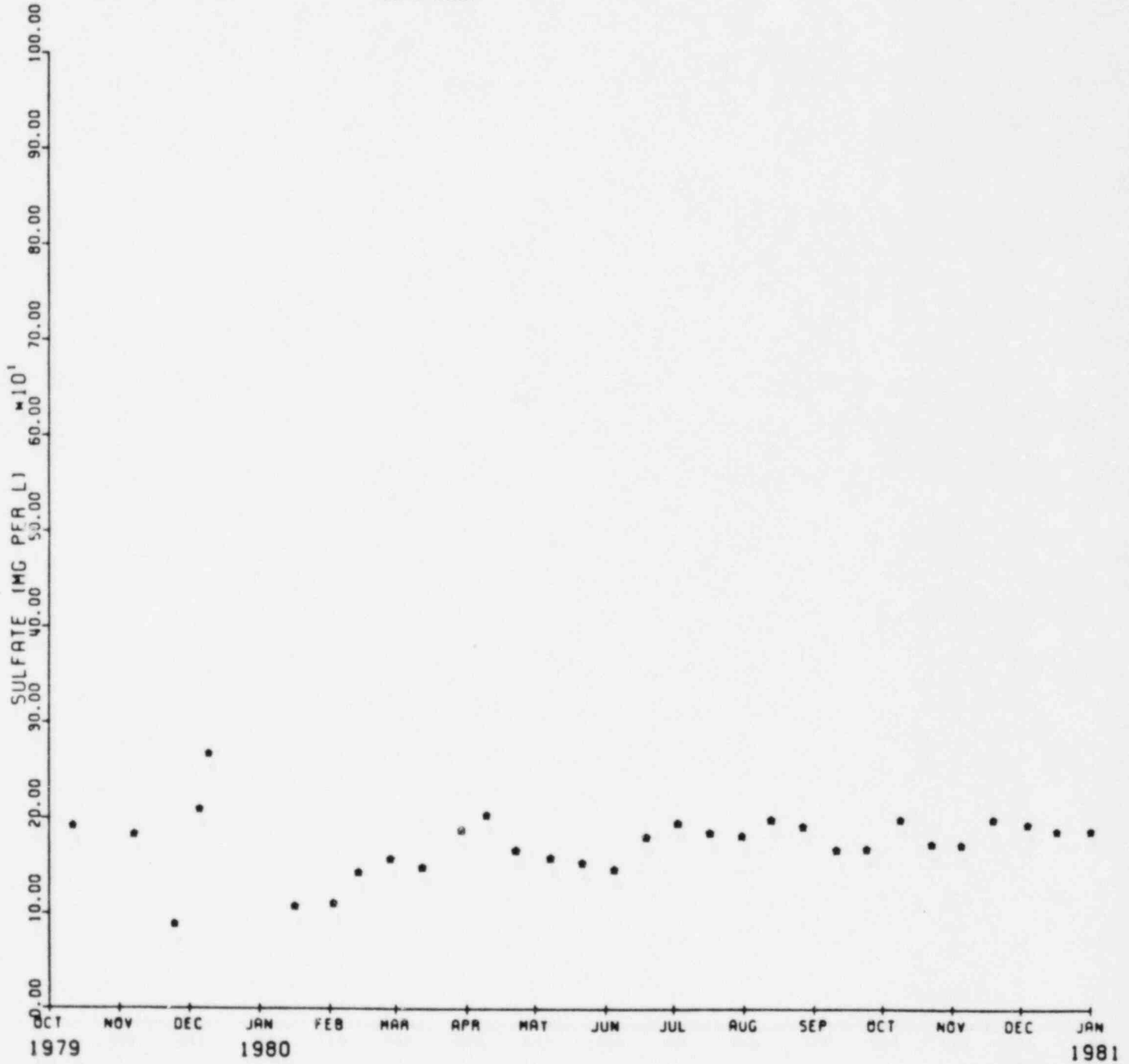


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP13 (207)

SULFATE VS TIME
1979-1980

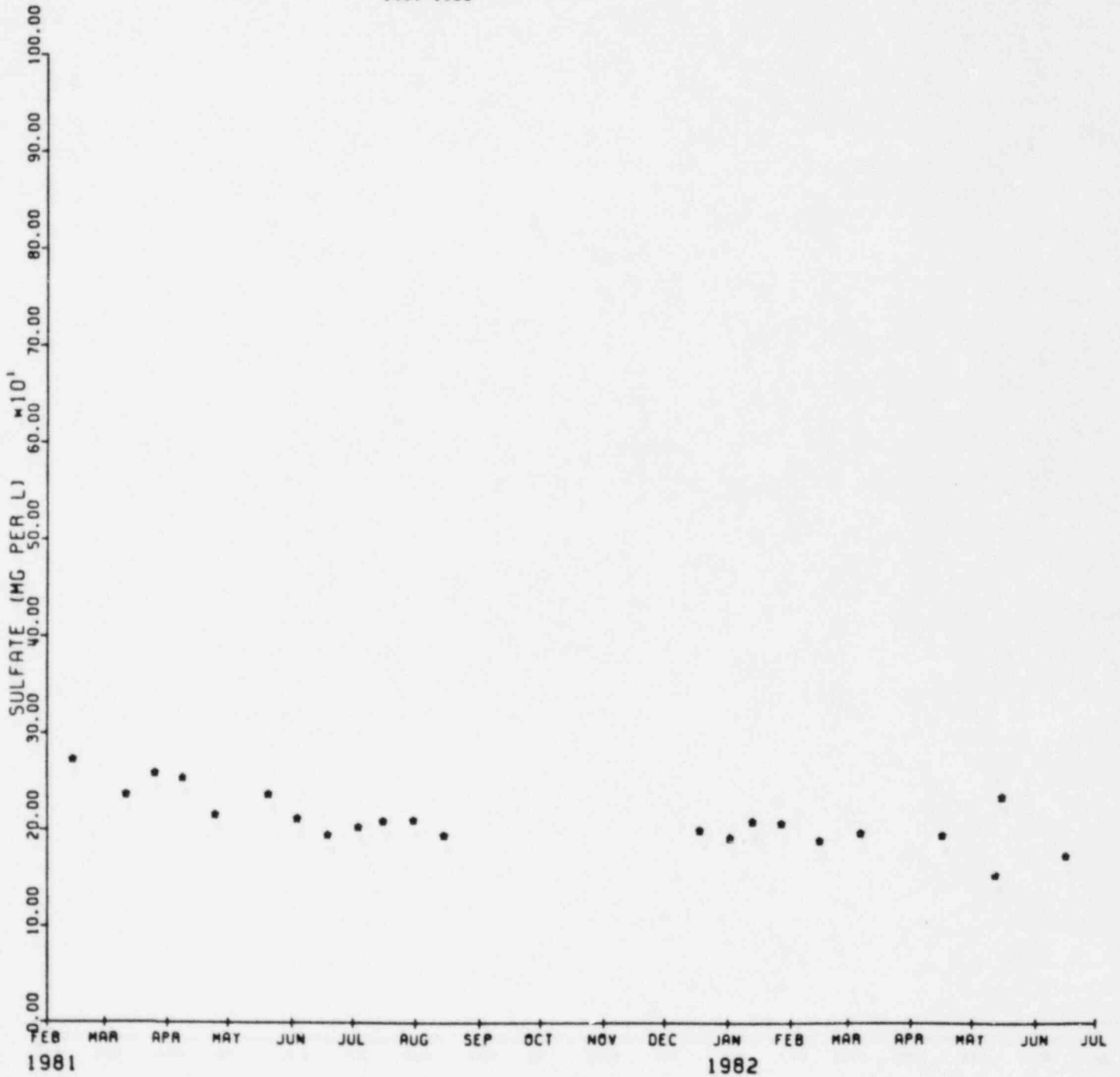


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP13 (207)

SULFATE VS TIME
1981-1982

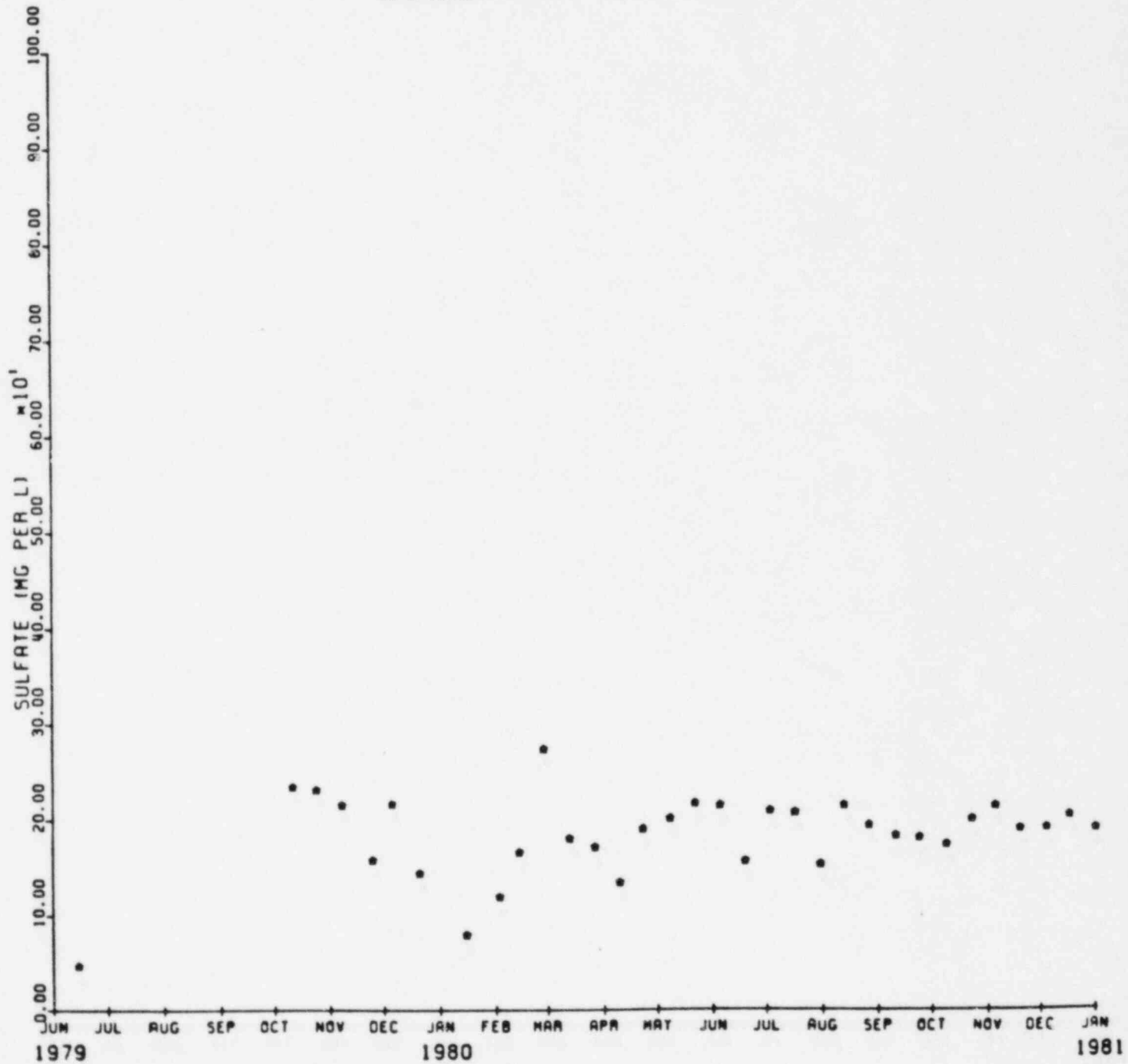


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP14 (208)

SULFATE VS TIME
1979-1980

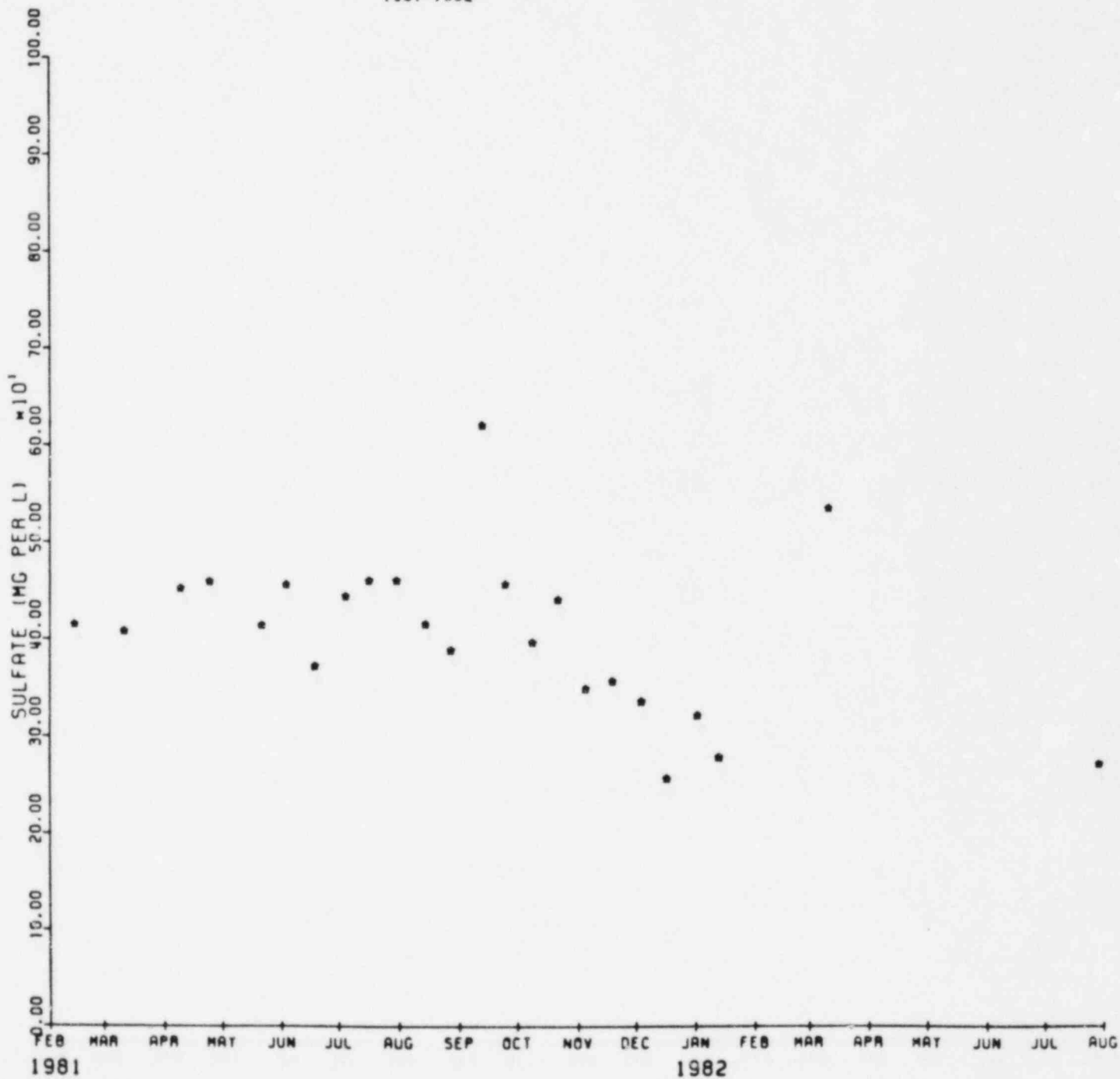


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP14 (208)

SULFATE VS TIME
1981-1982

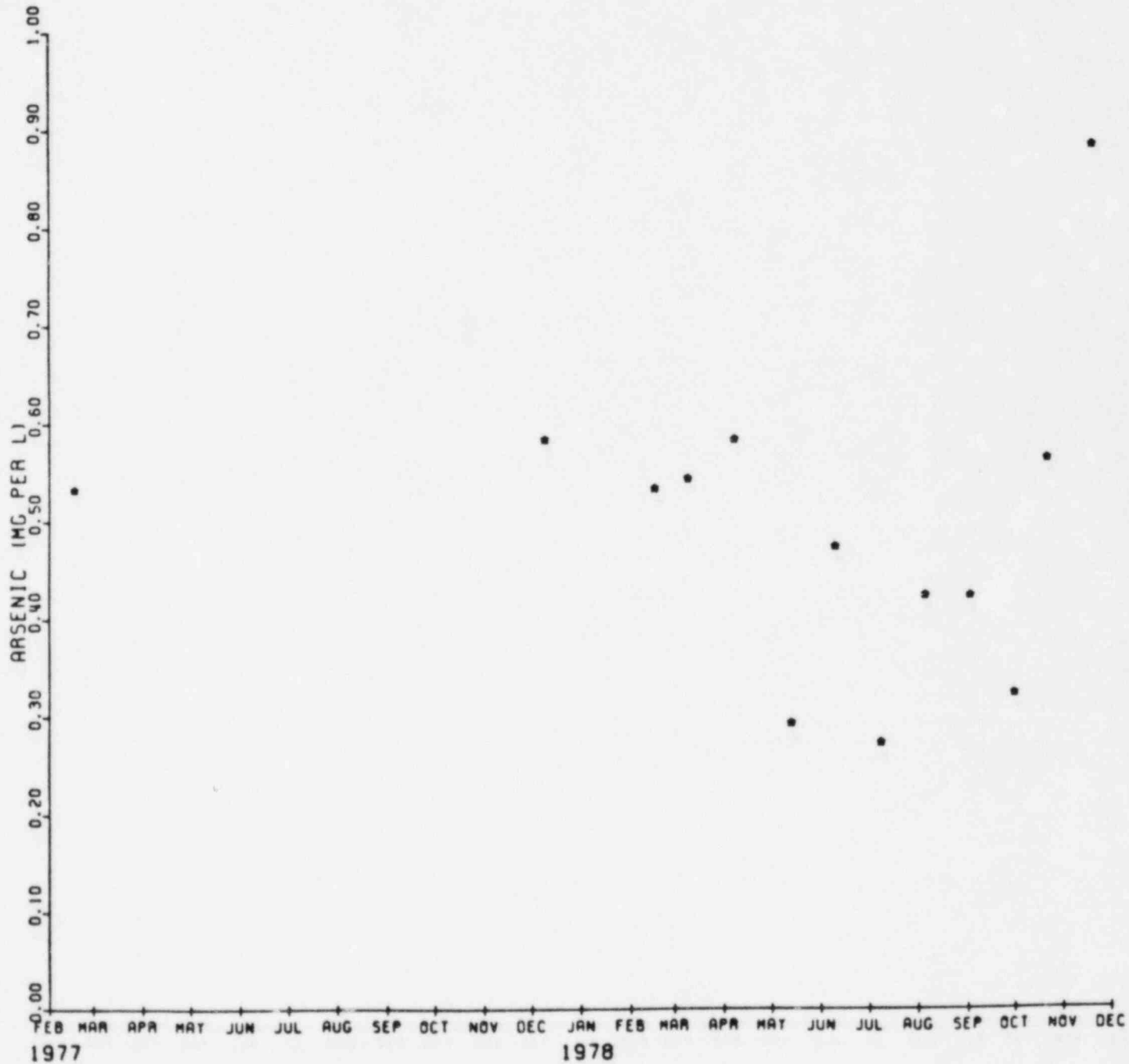


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP INJ (200)

ARSENIC VS TIME
1977-1978

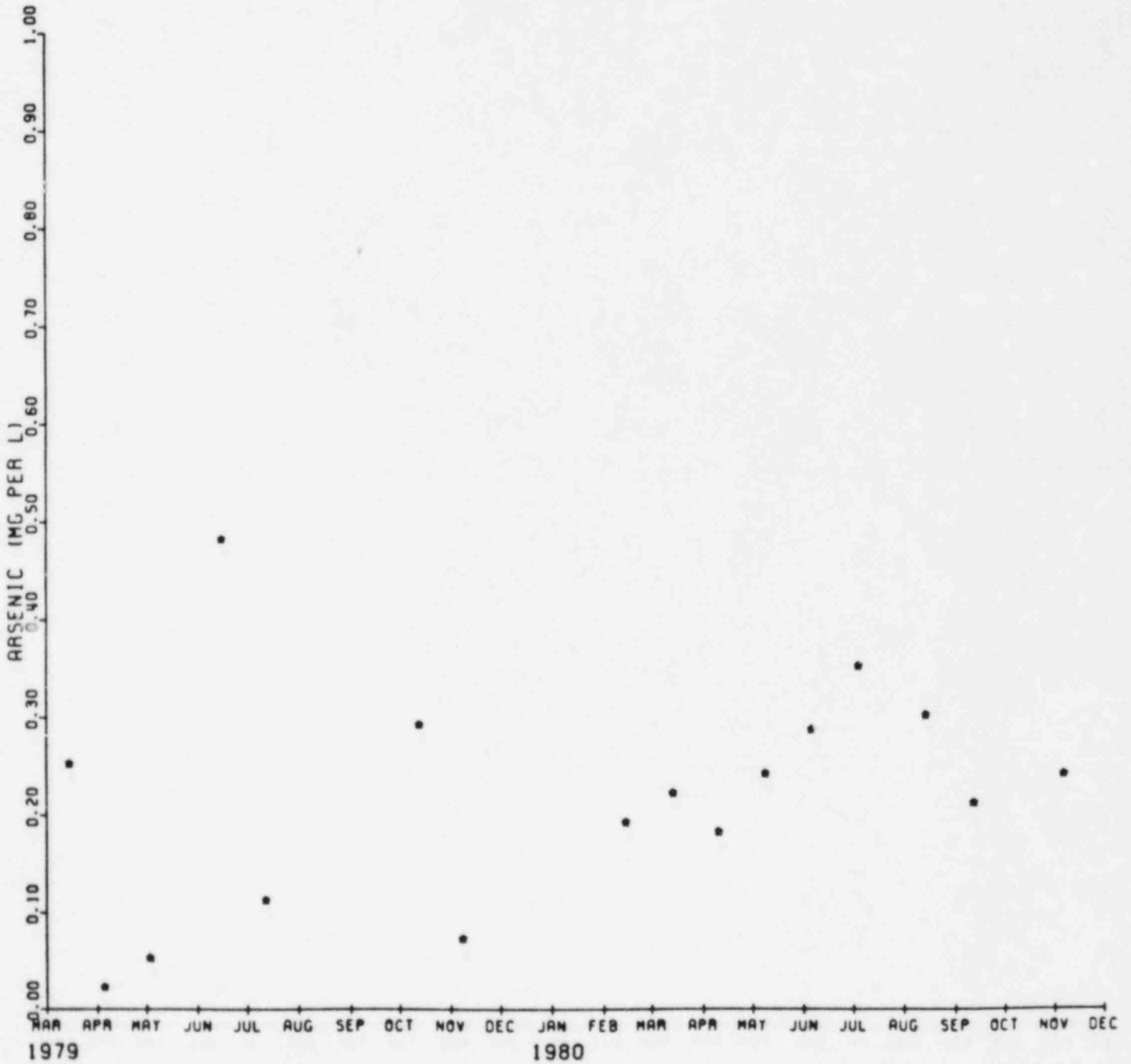


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP INJ (200)

ARSENIC VS TIME
1979-1980

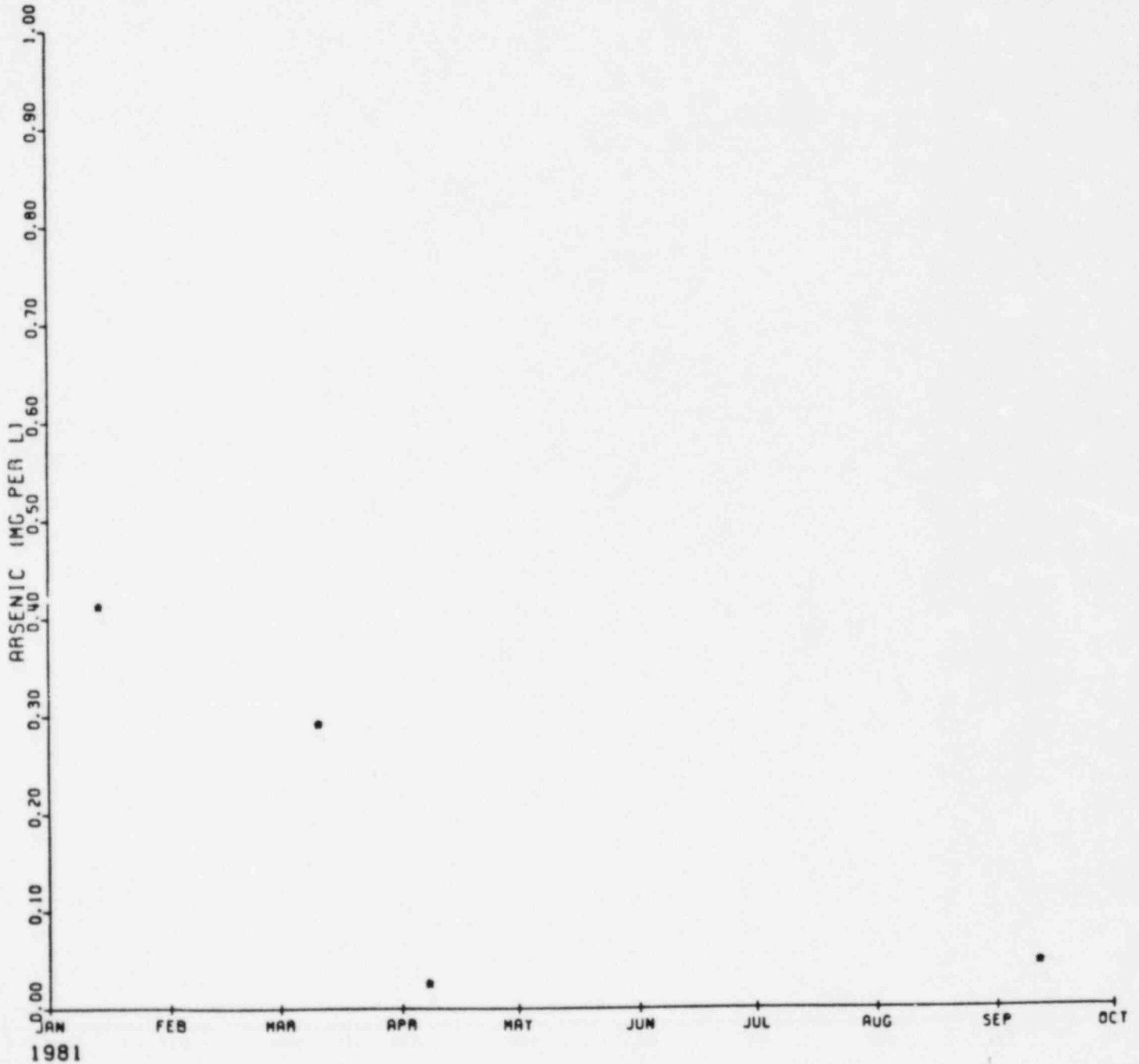


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP INJ (200)

ARSENIC VS TIME
1981-1982

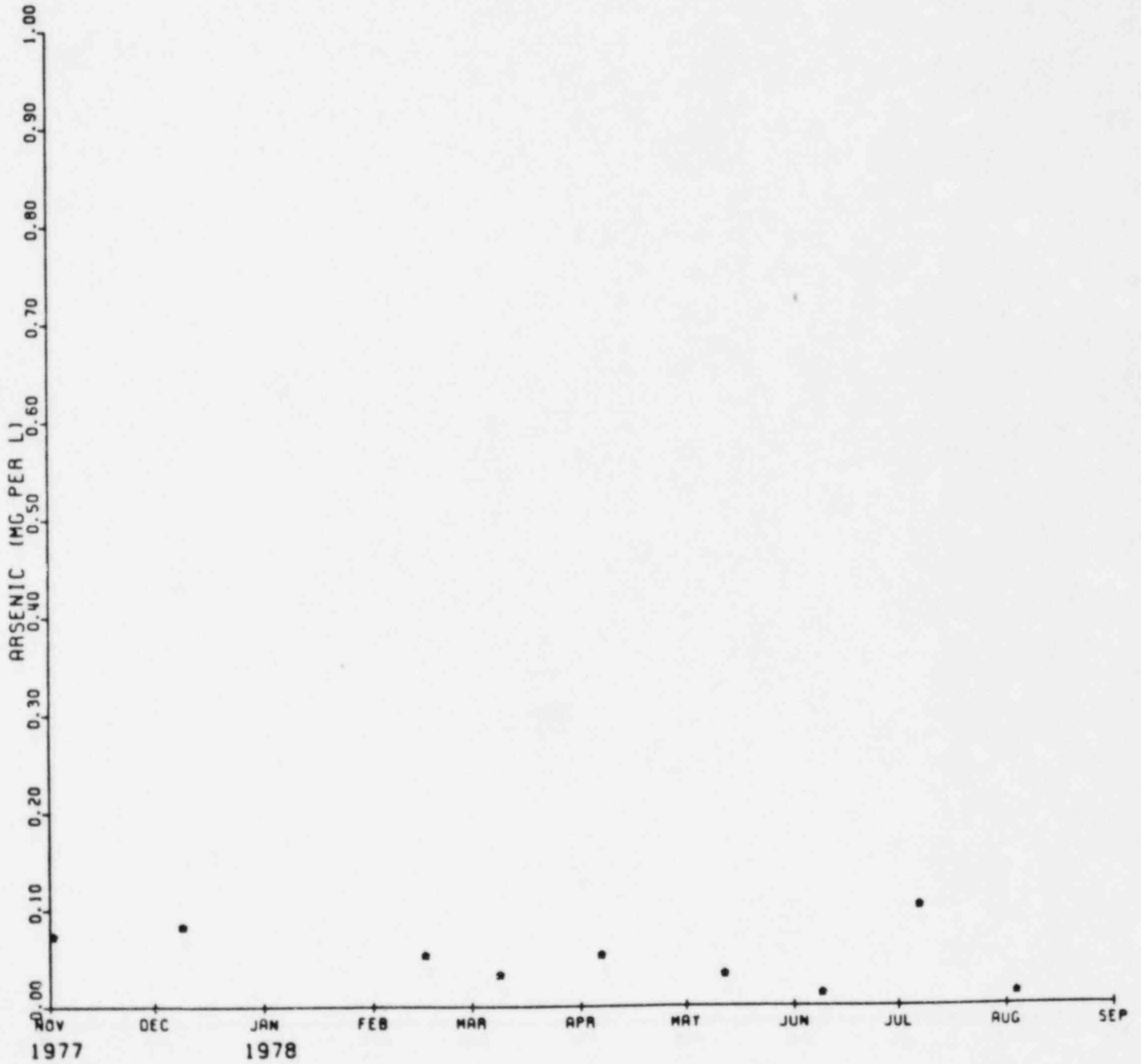


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP1 (201)

ARSENIC VS TIME
1977-1978

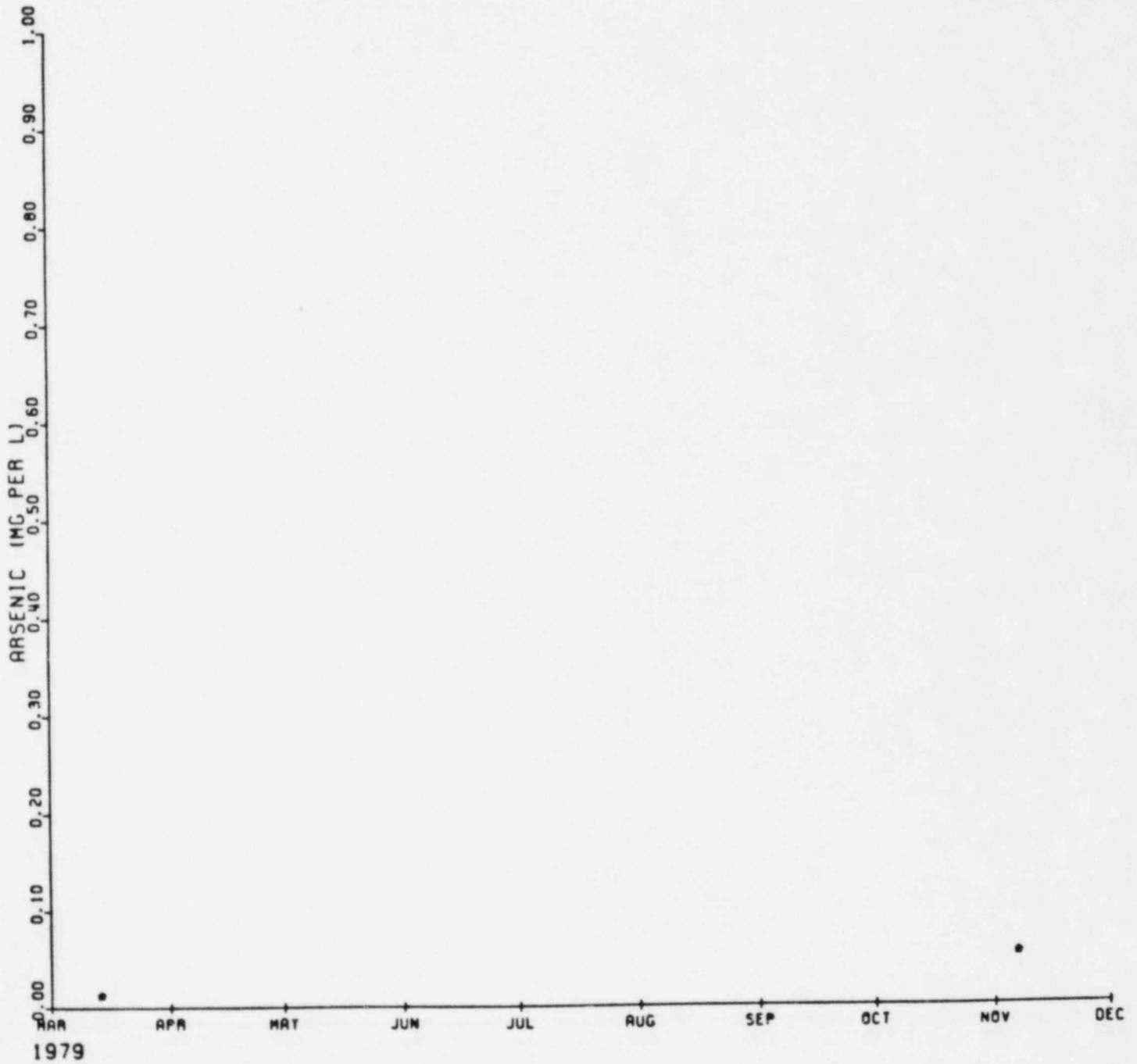


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP1 (201)

ARSENIC VS TIME
1979-1980

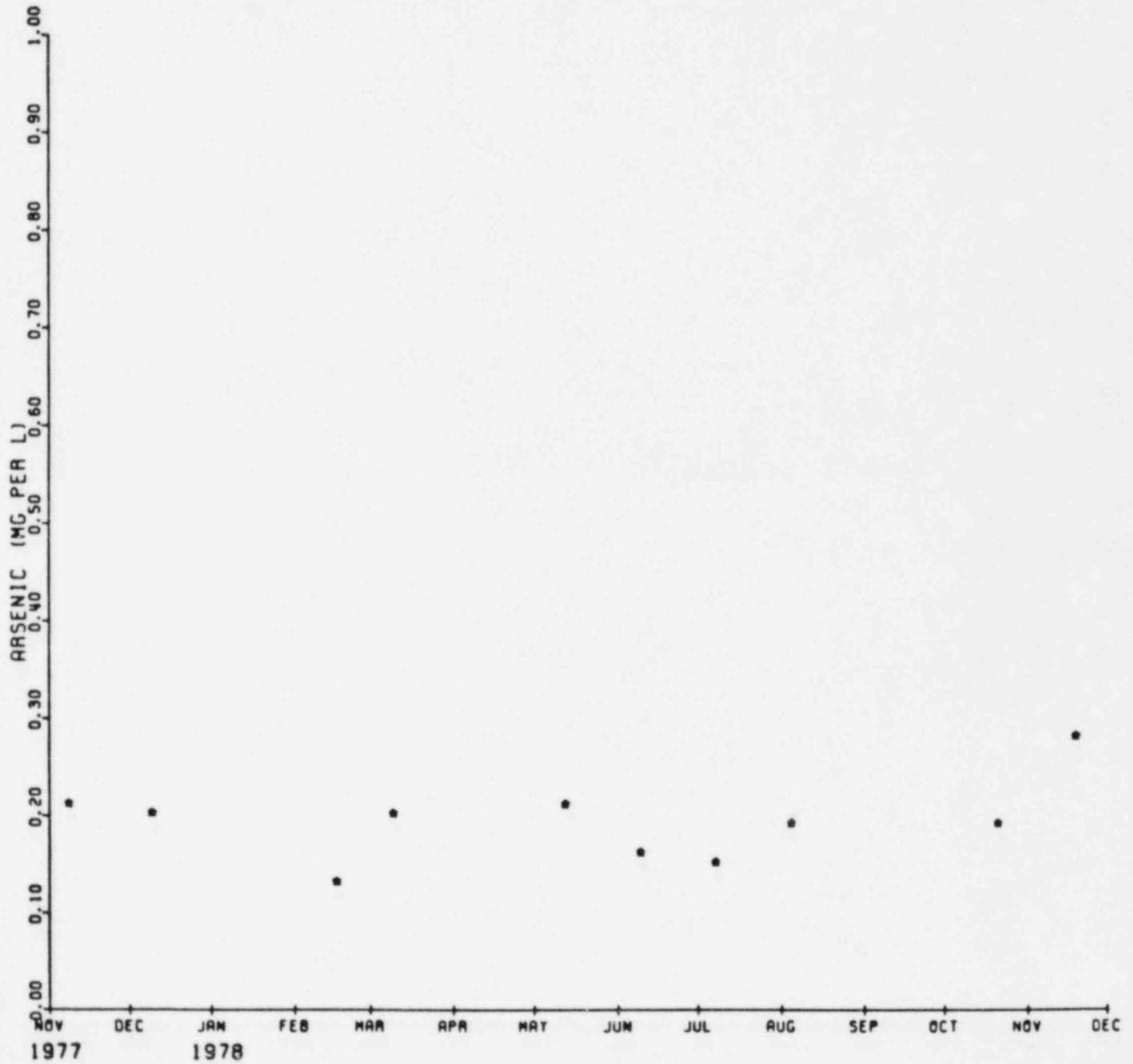


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP2 (202)

ARSENIC VS TIME
1977-1978

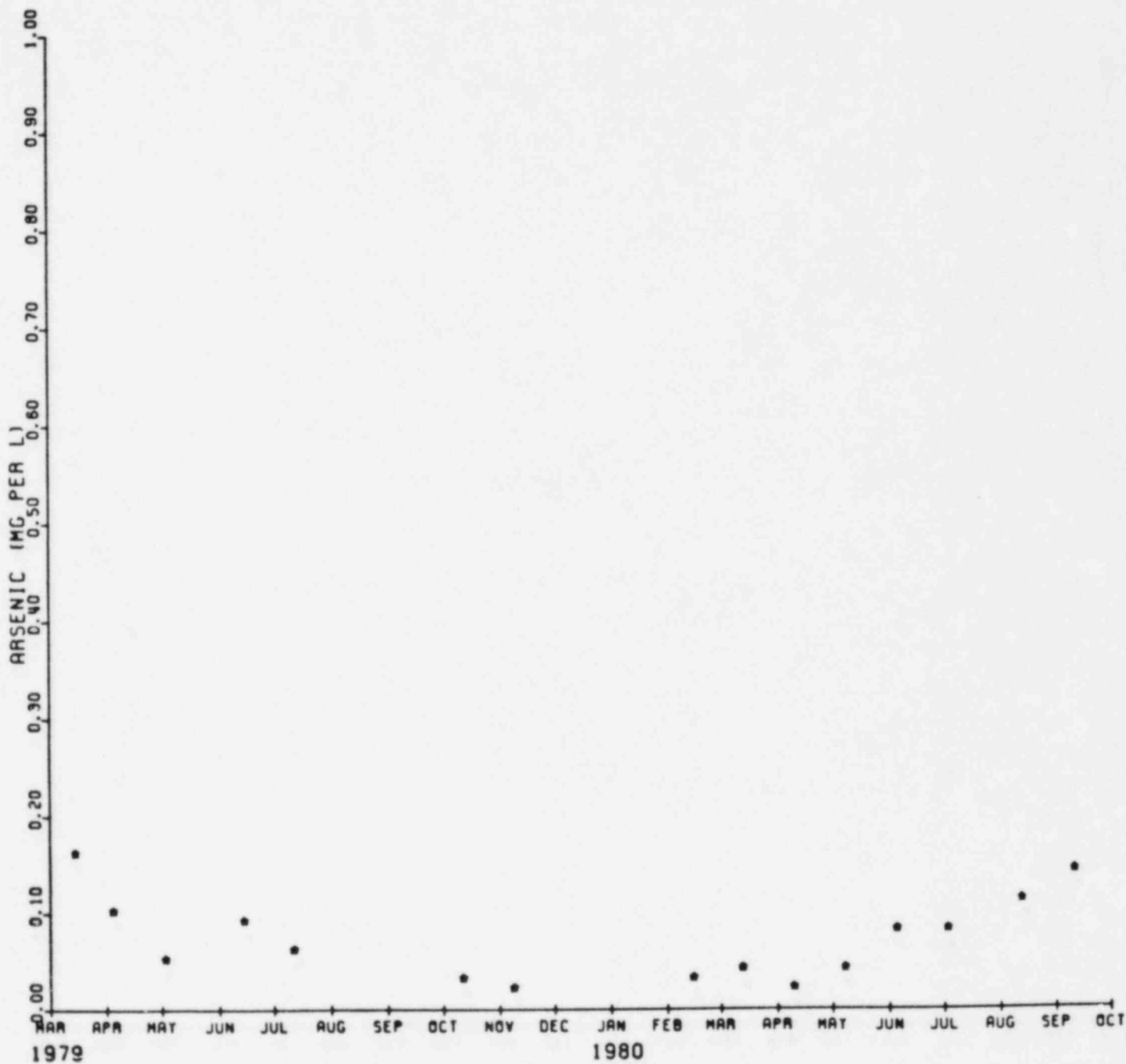


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP2 (202)

ARSENIC VS TIME
1979-1980

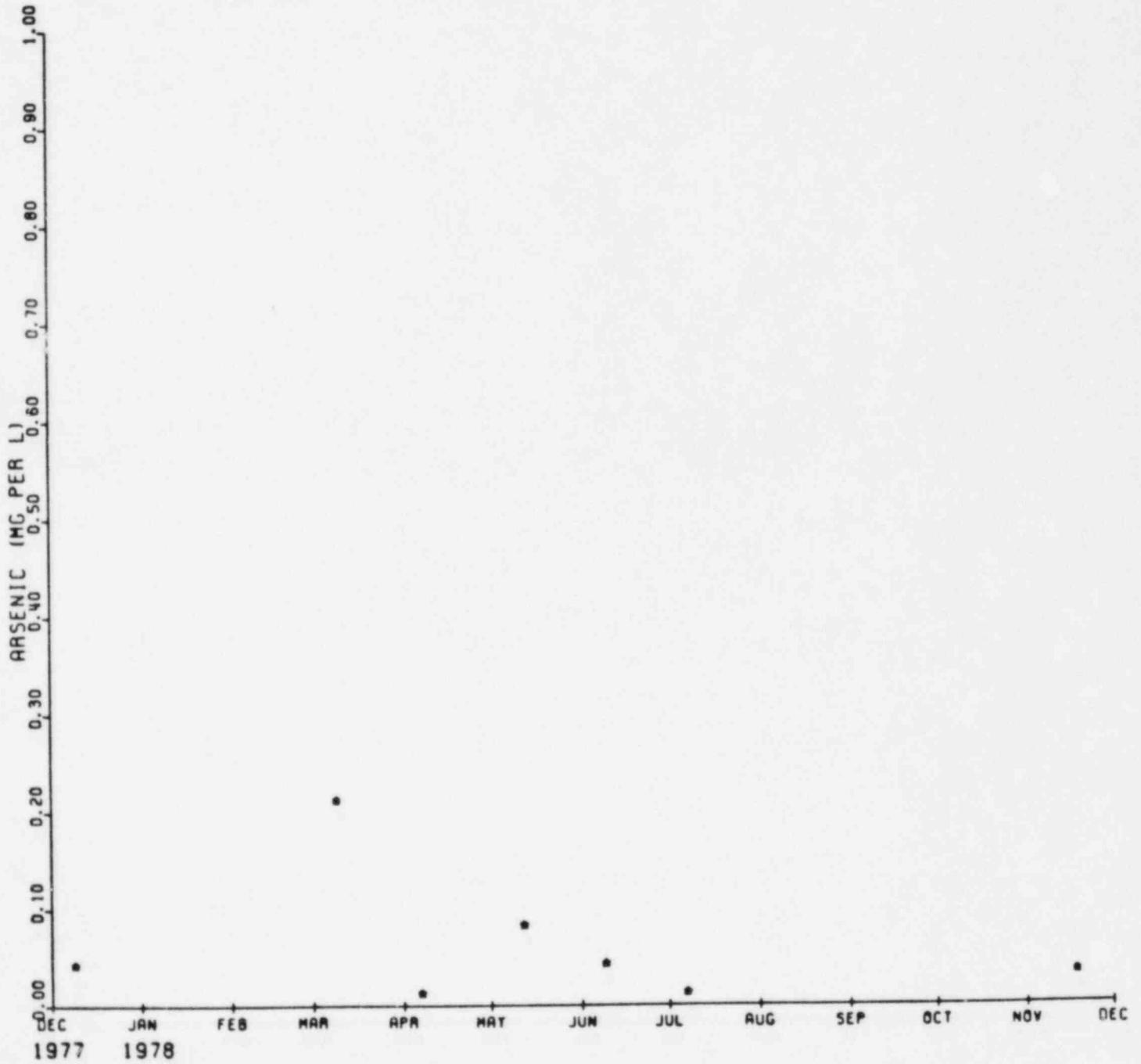


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP3 (203)

ARSENIC VS TIME
1977-1978

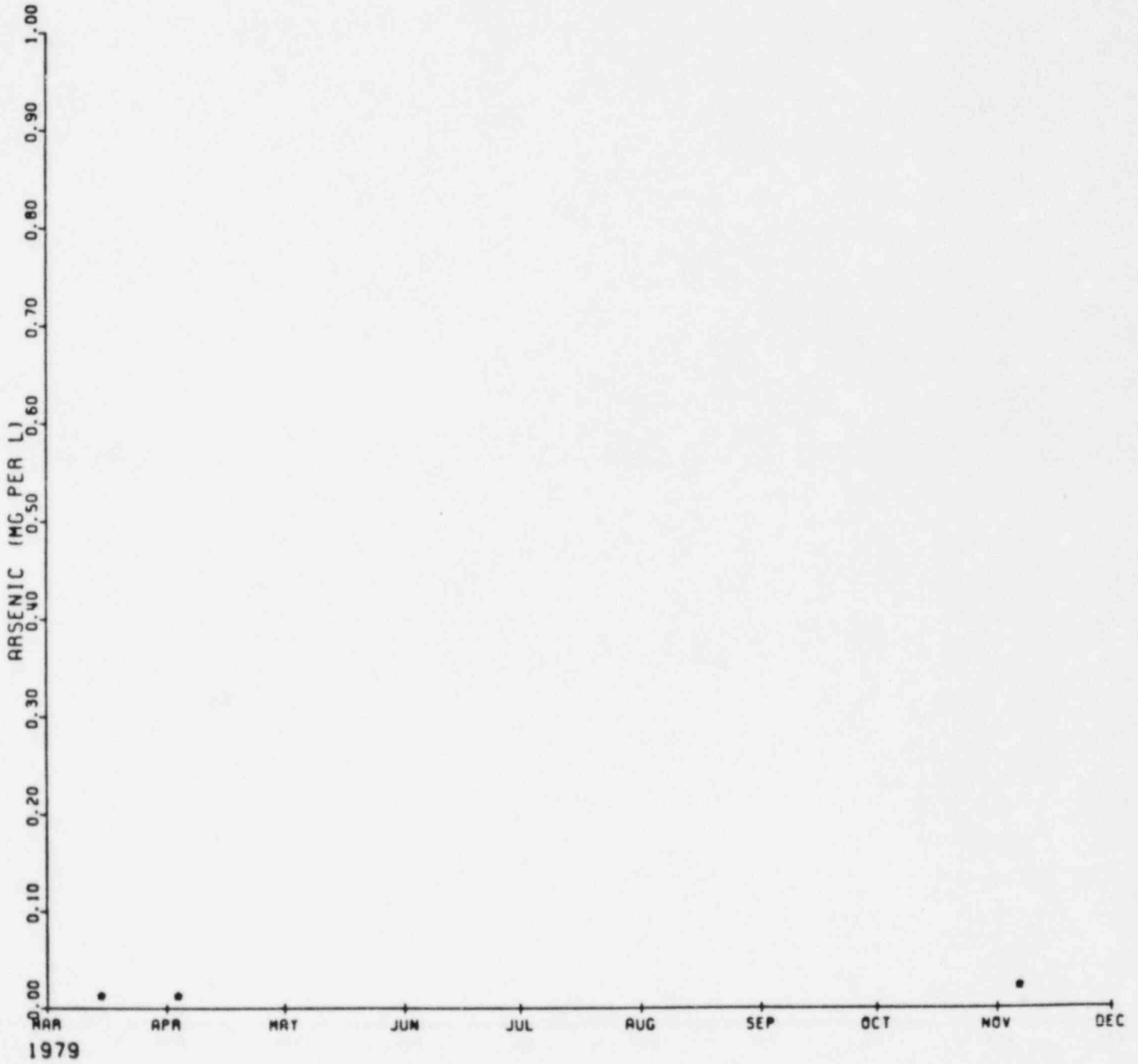


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP3 (203)

ARSENIC VS TIME
1979-1980

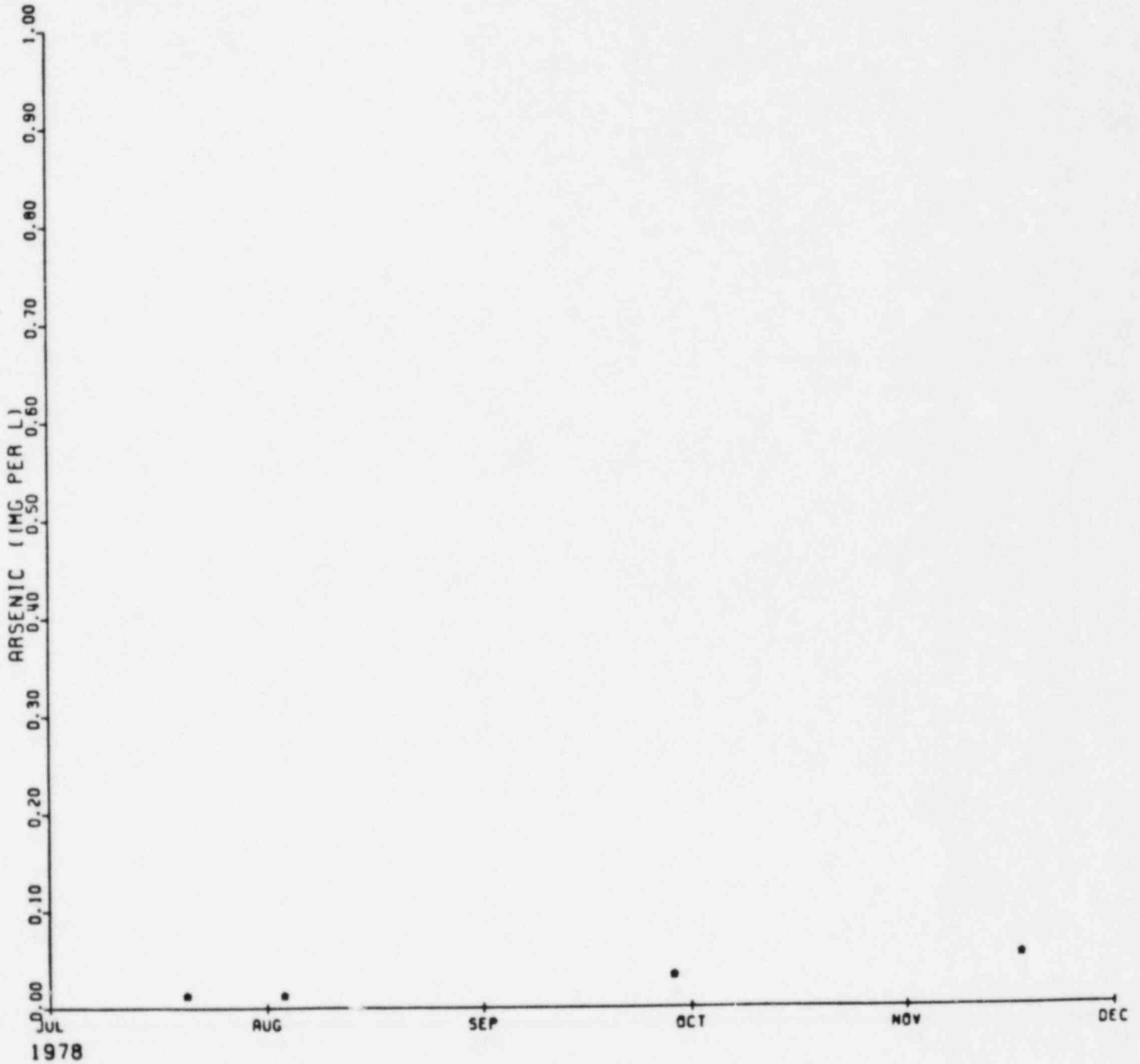


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL OP4 (204)

ARSENIC VS TIME
1977-1978

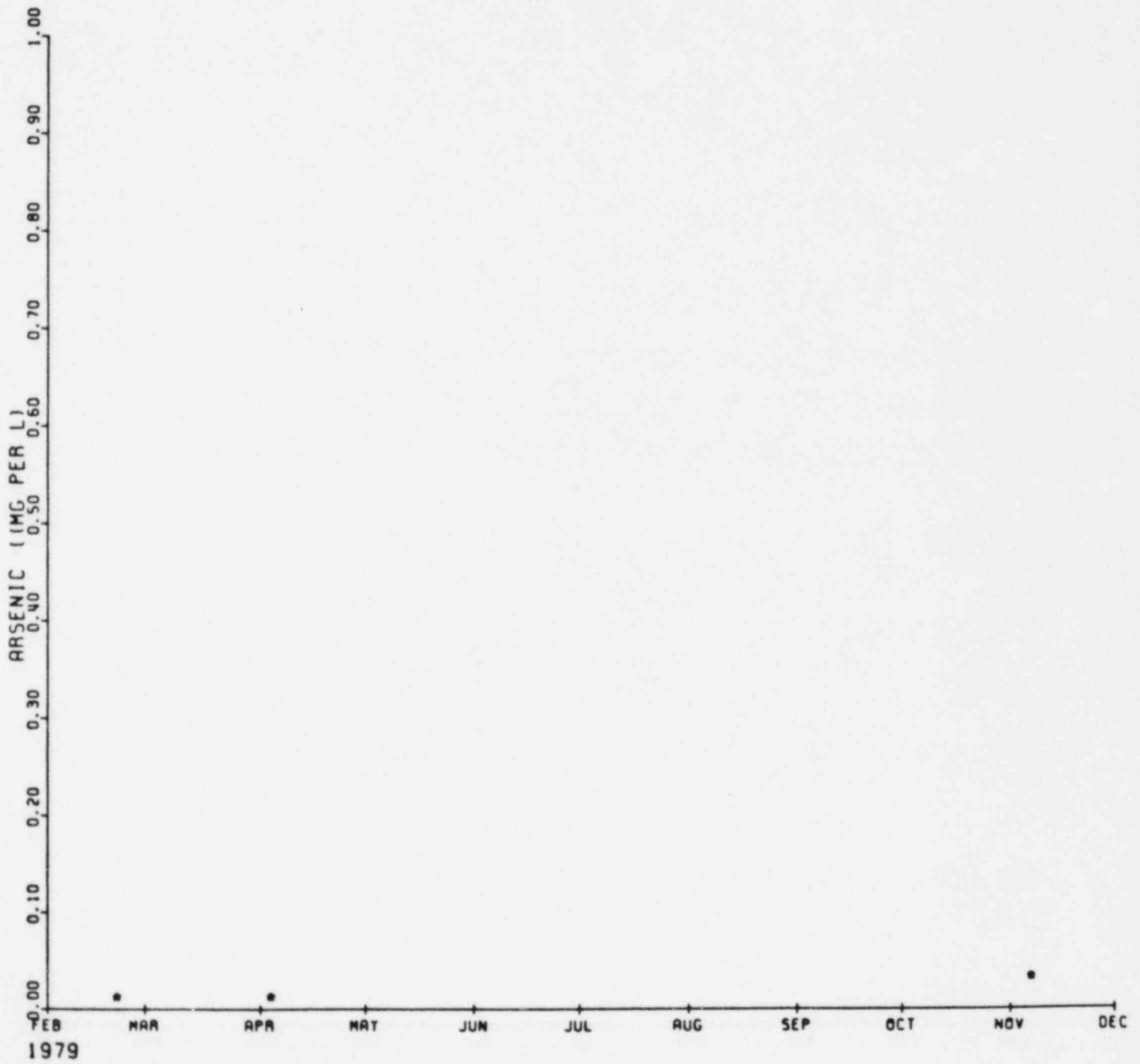


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL OP4 (204)

ARSENIC VS TIME
1979-1980

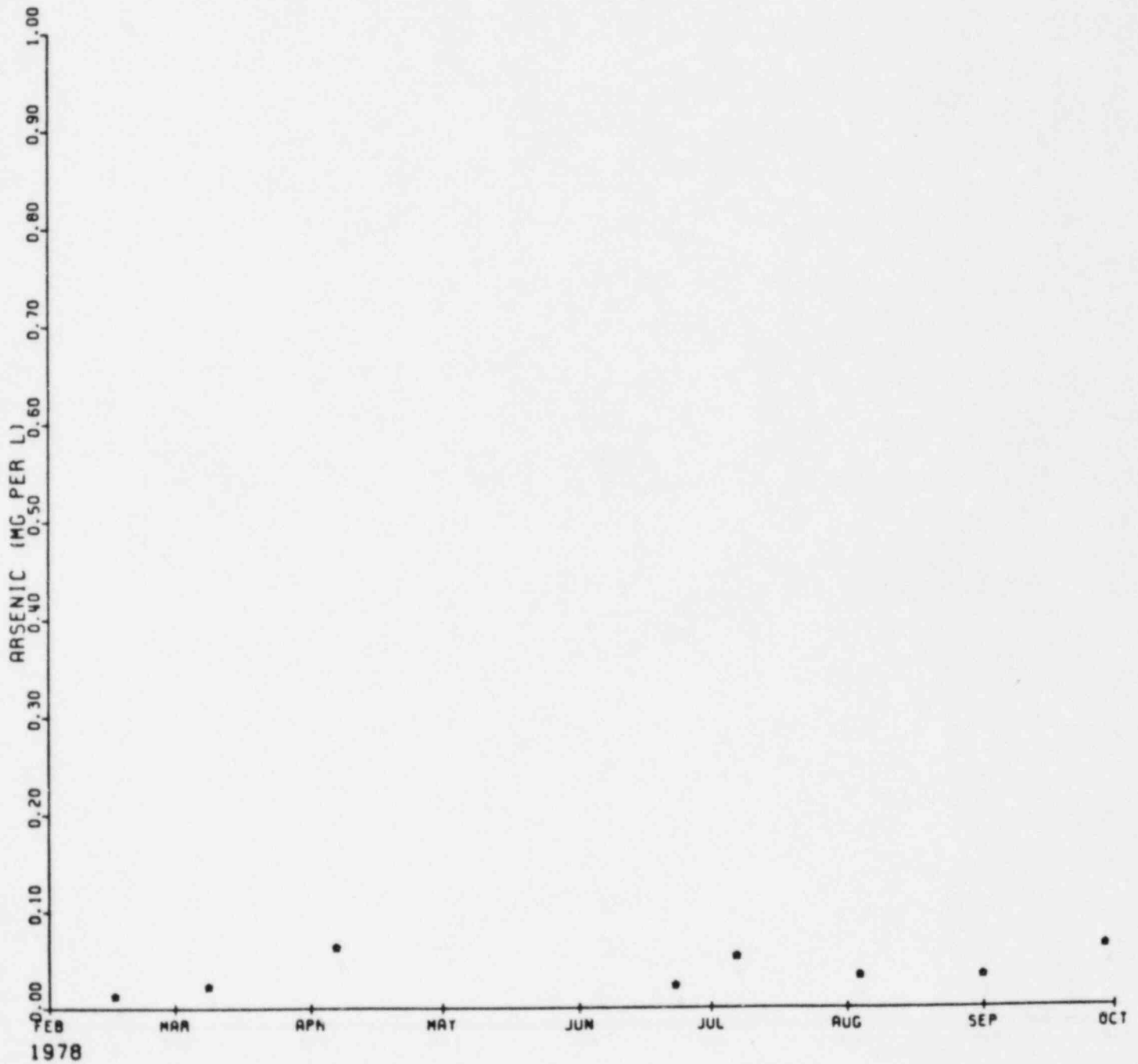


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL OPS (205)

ARSENIC VS TIME
1977-1978

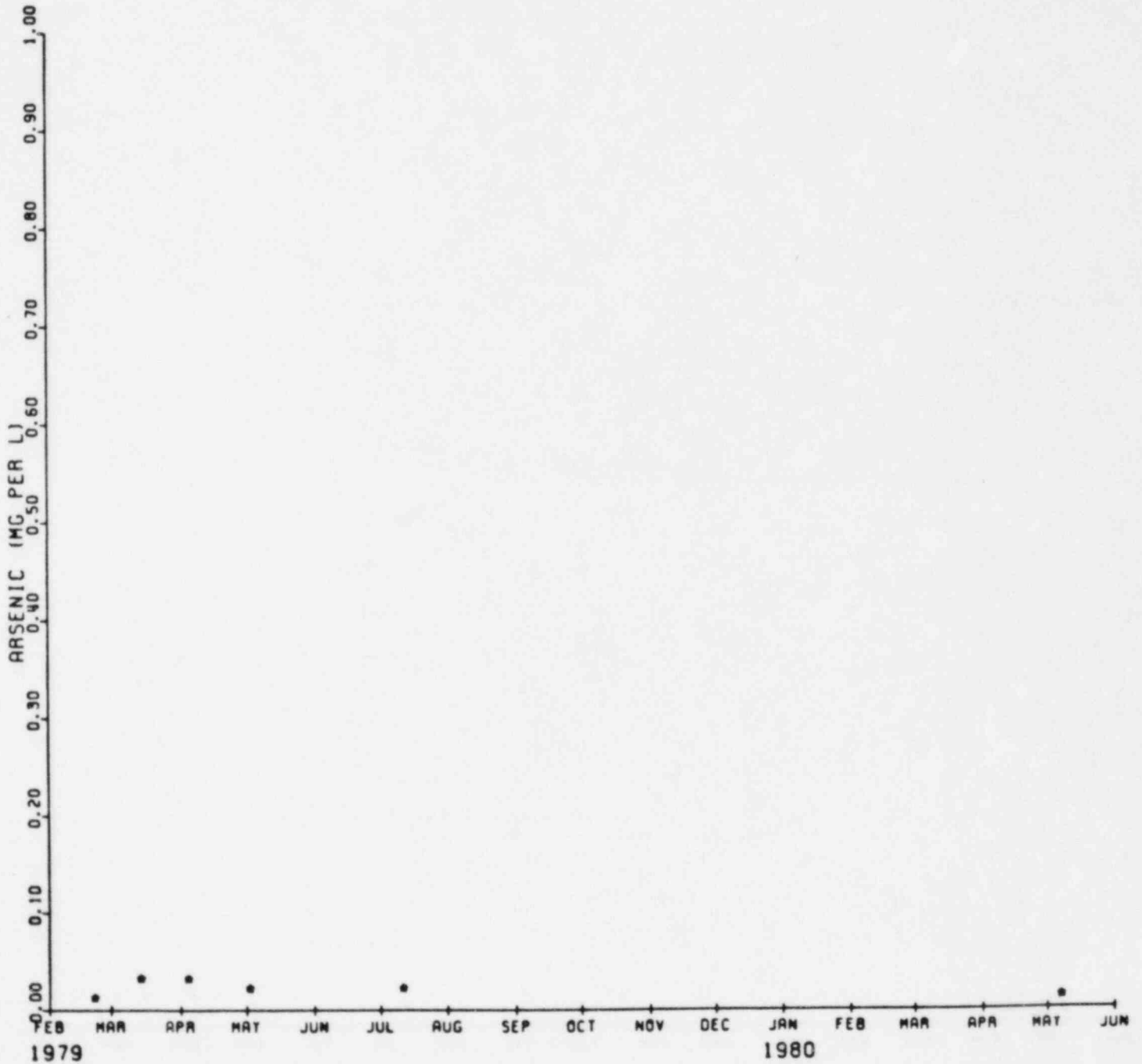


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL OPS (205)

ARSENIC VS TIME
1979-1980

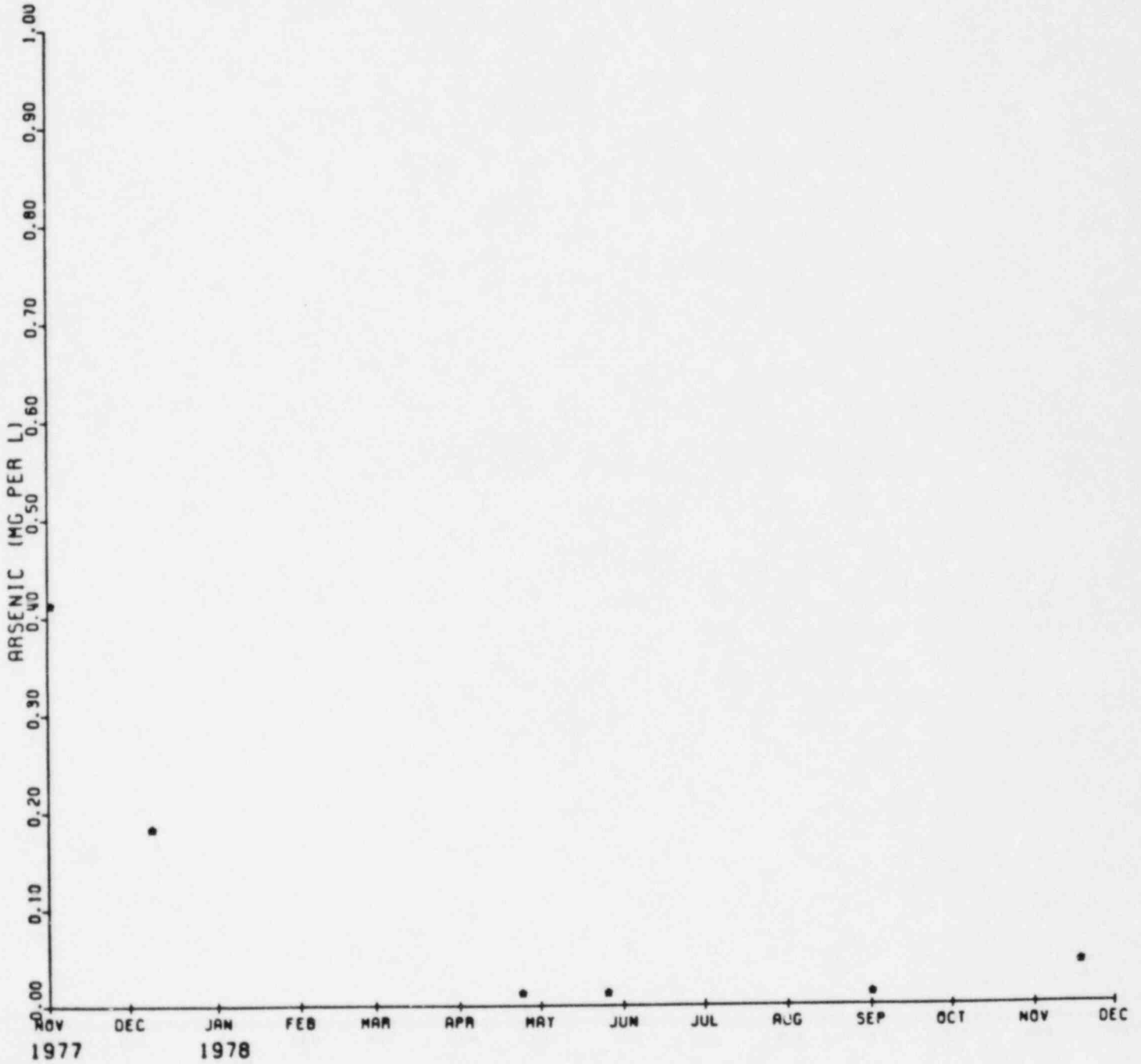


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP6 (206)

ARSENIC VS TIME
1977-1978

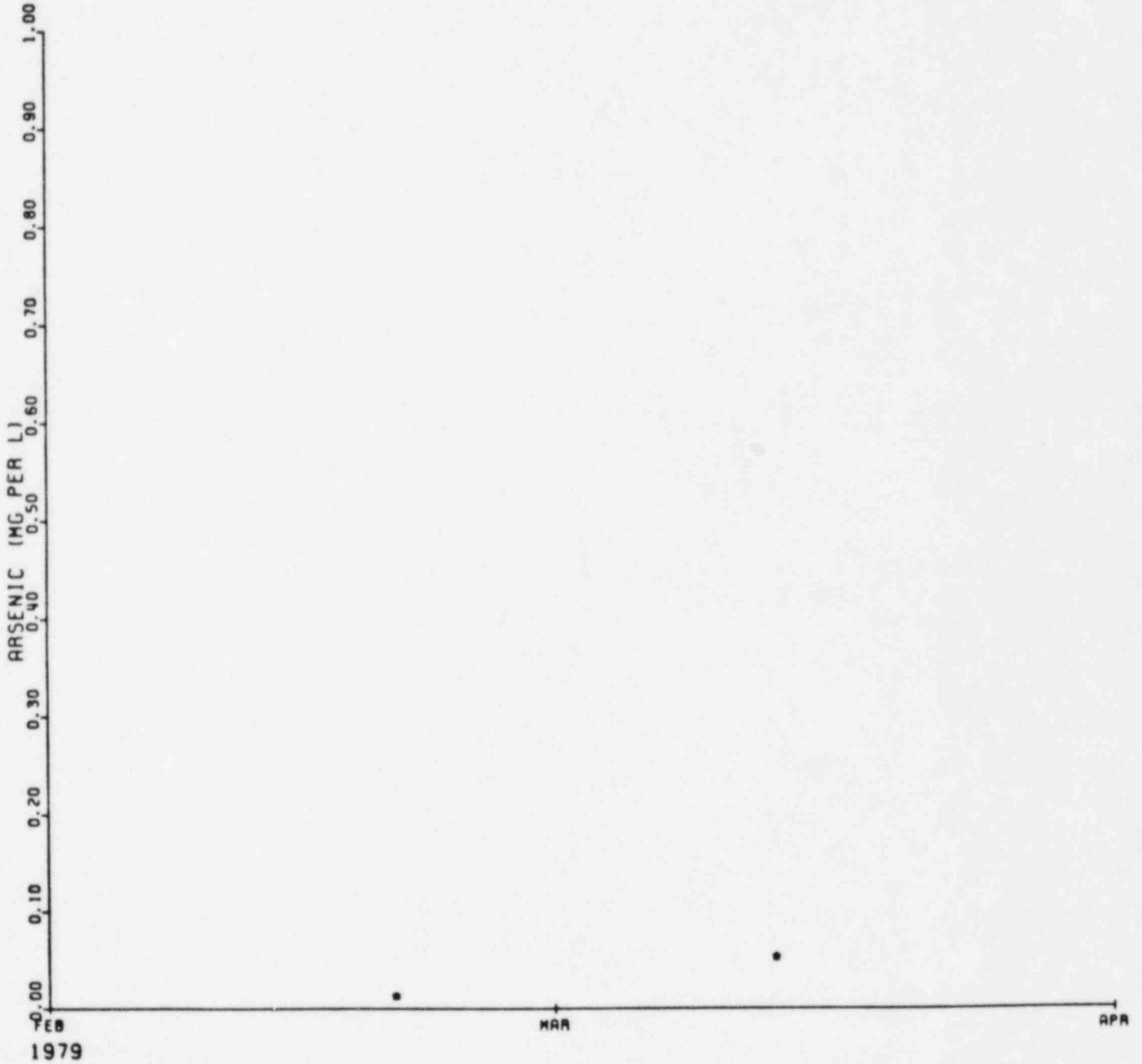


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP6 (206)

ARSENIC VS TIME
1979-1980

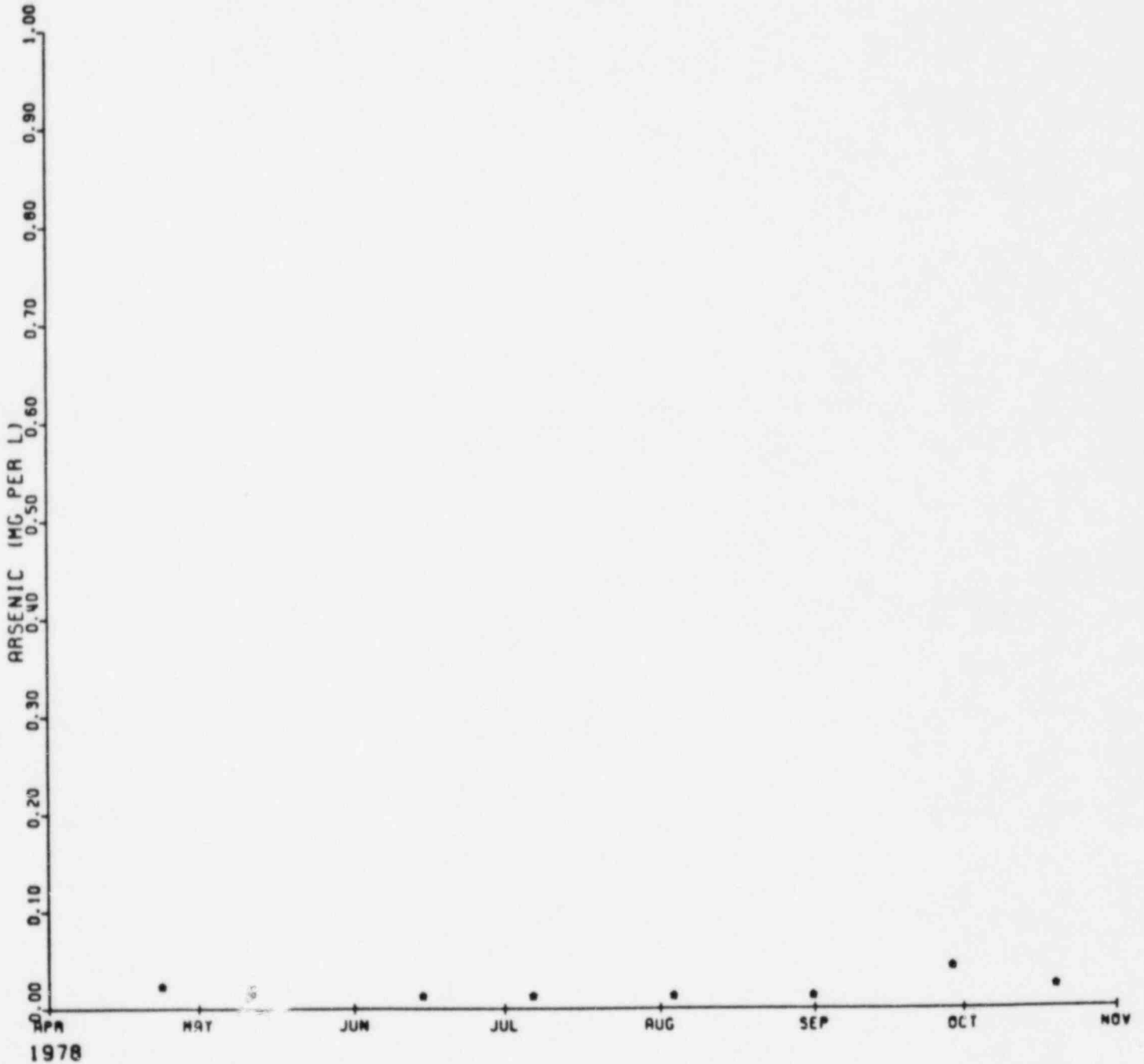


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL 00 7 (209)

ARSENIC VS TIME
1977-1978

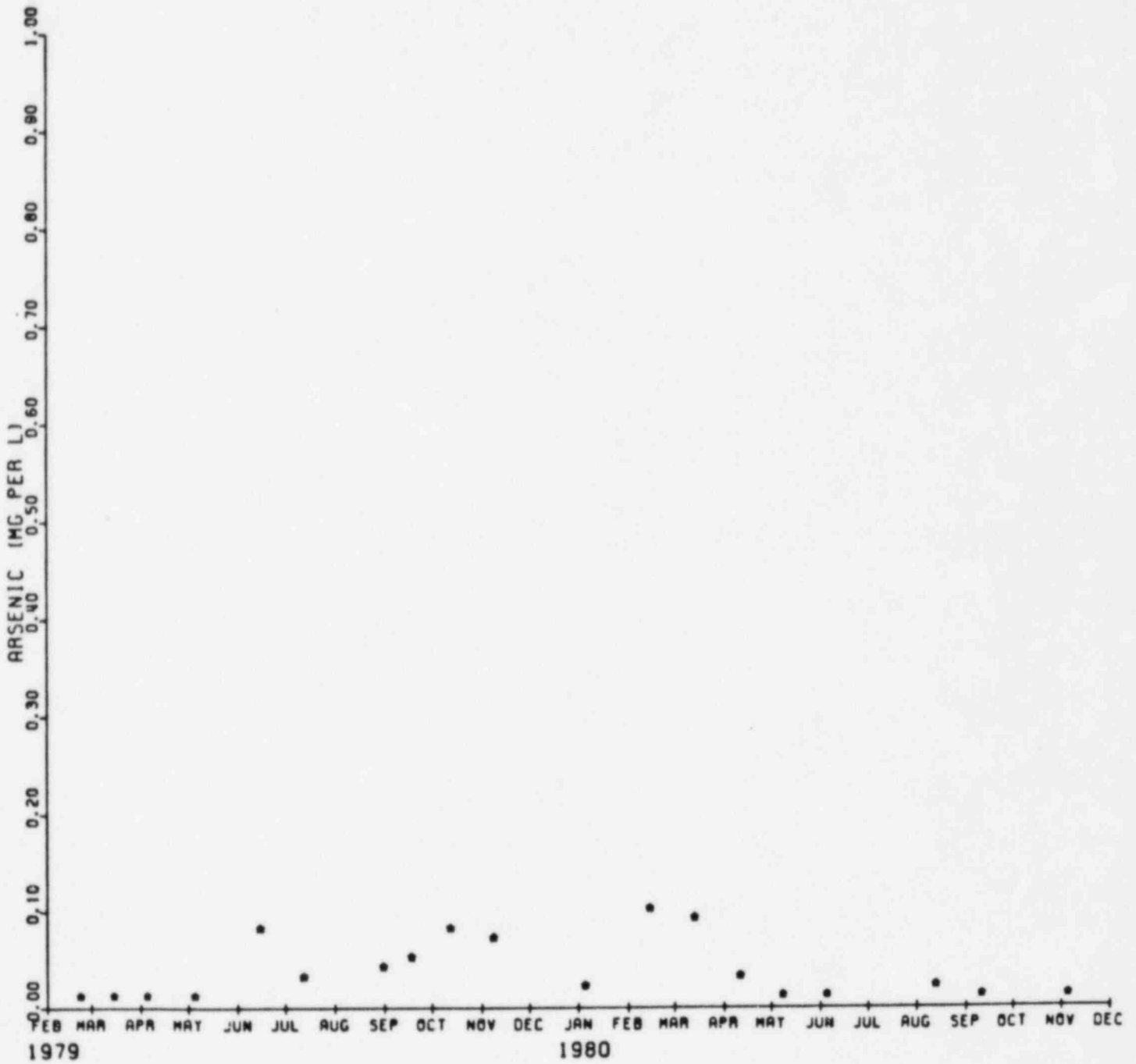


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL 00 7 (209)

ARSENIC VS TIME
1979-1980

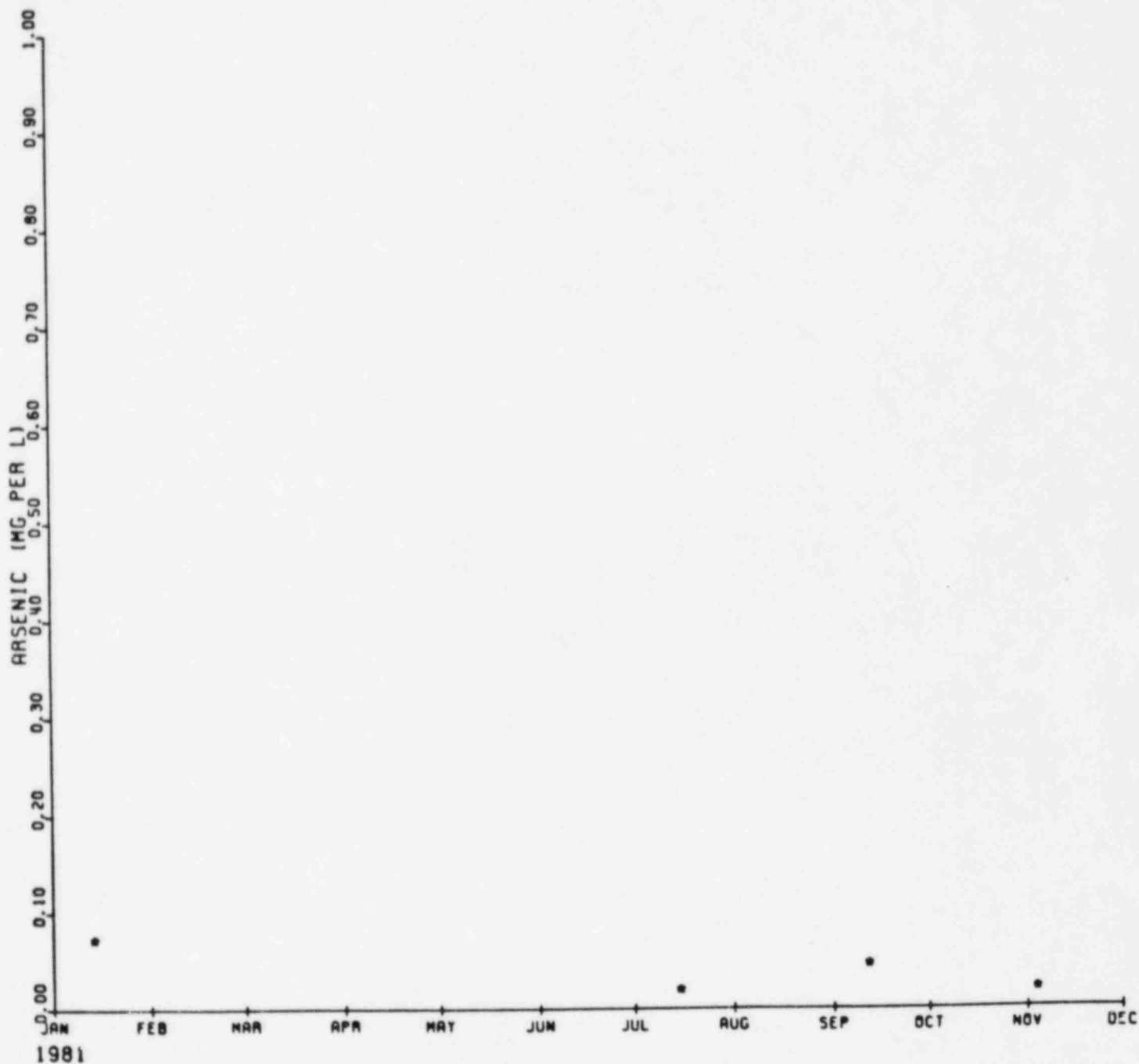


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL 00 7 (209)

ARSENIC VS TIME
1981-1982

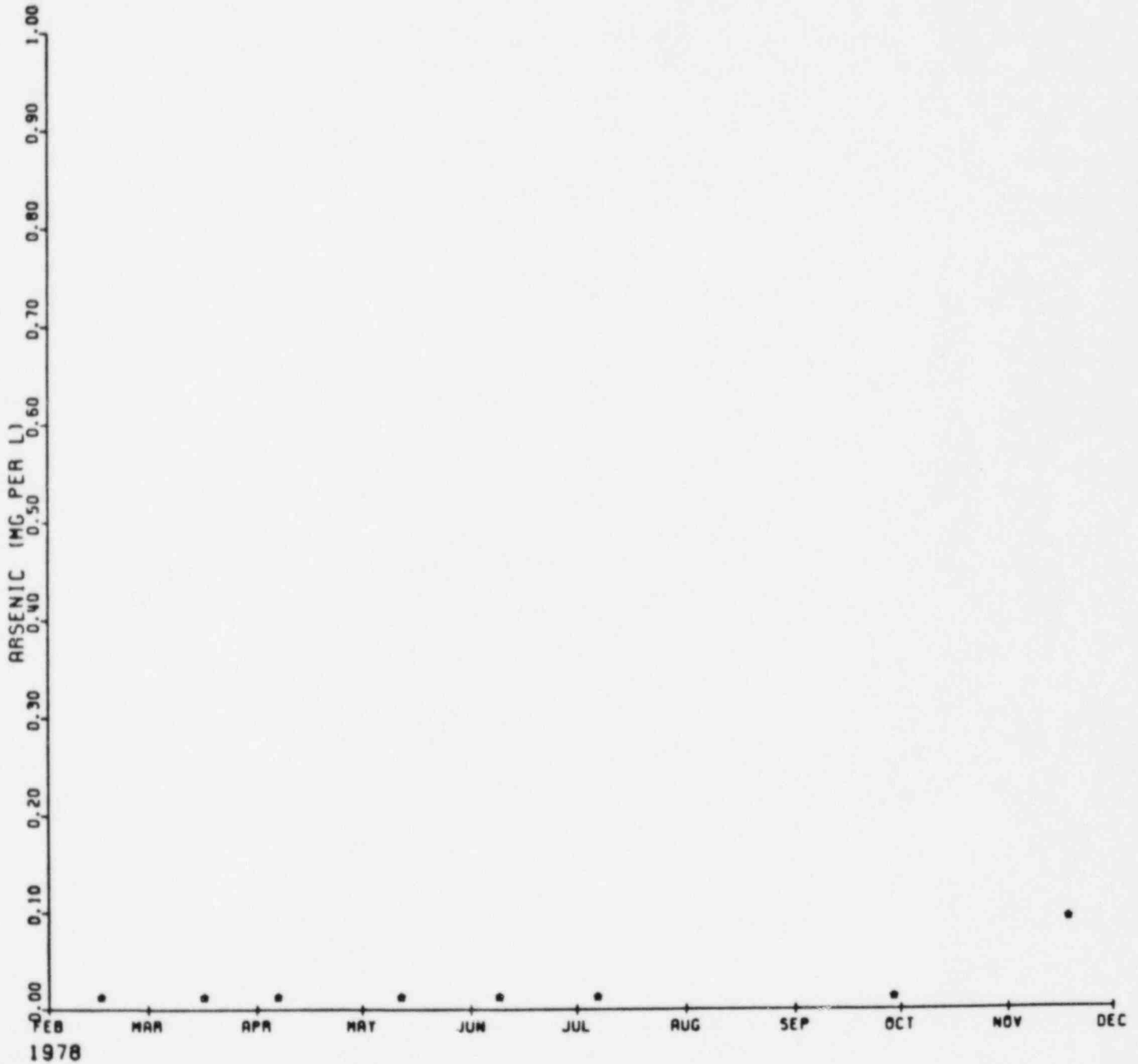


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 8 (210)

ARSENIC VS TIME
1977-1978

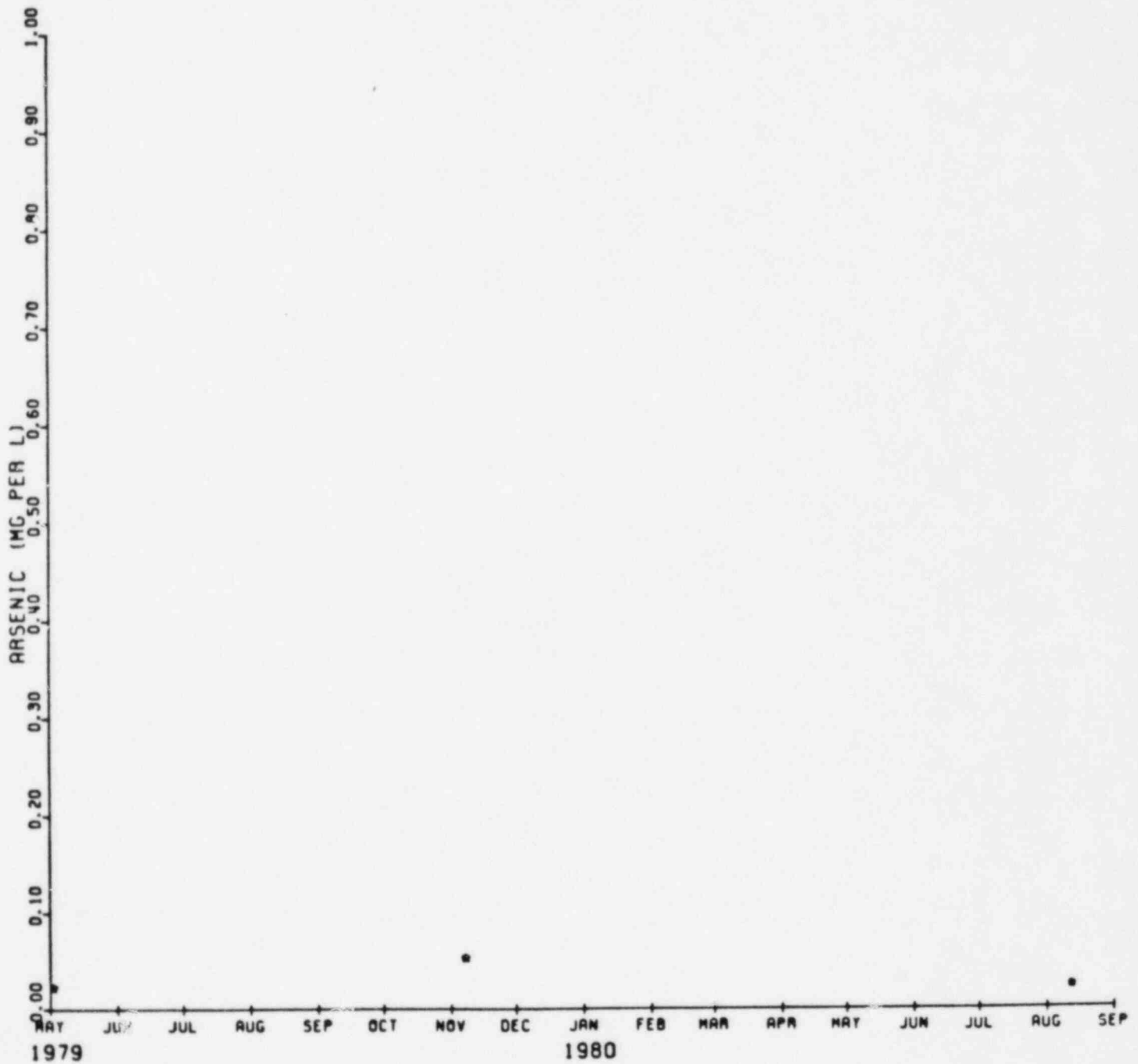


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 8 (210)

ARSENIC VS TIME
1979-1980

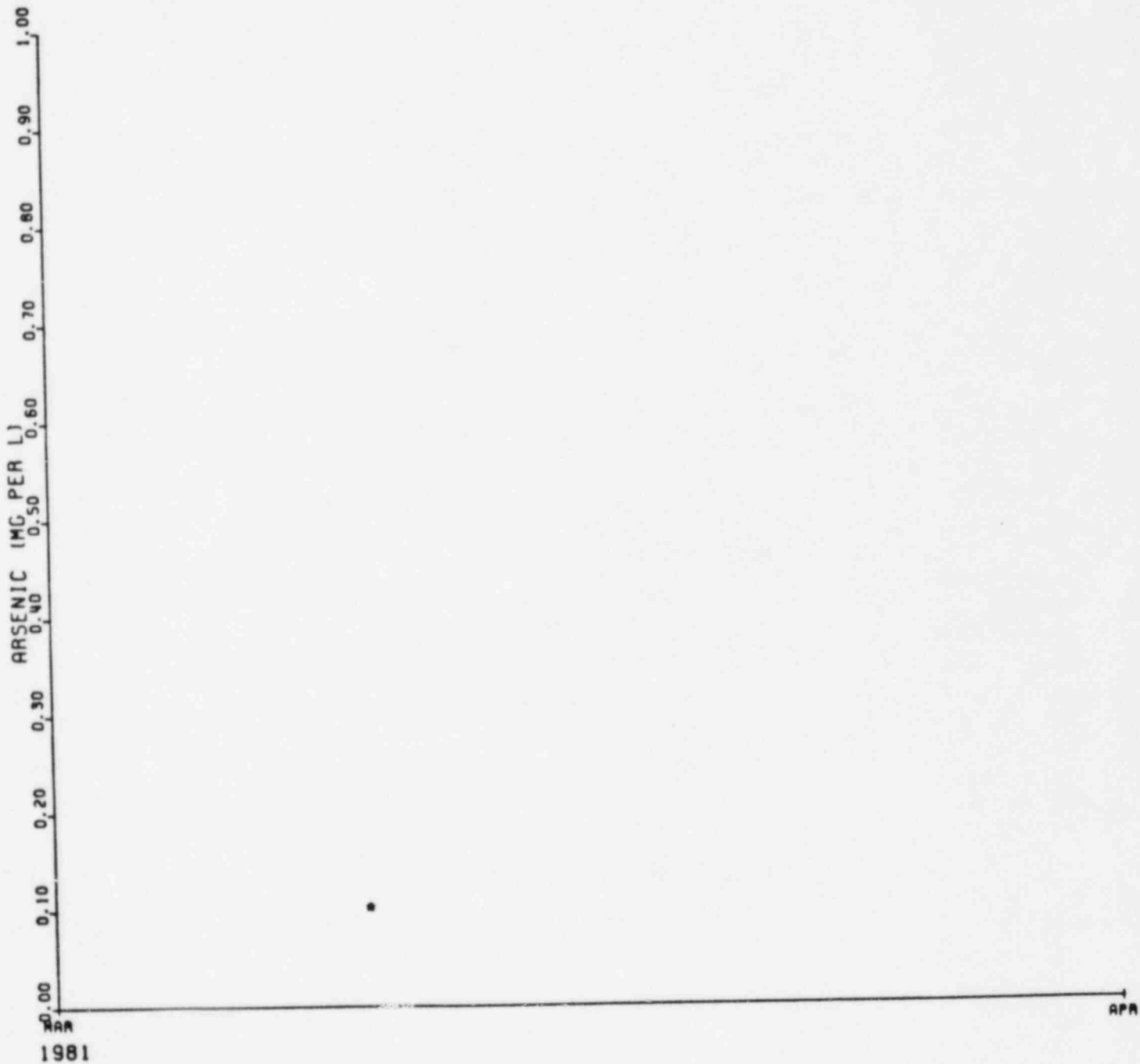


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 8 (210)

ARSENIC VS TIME
1981-1982

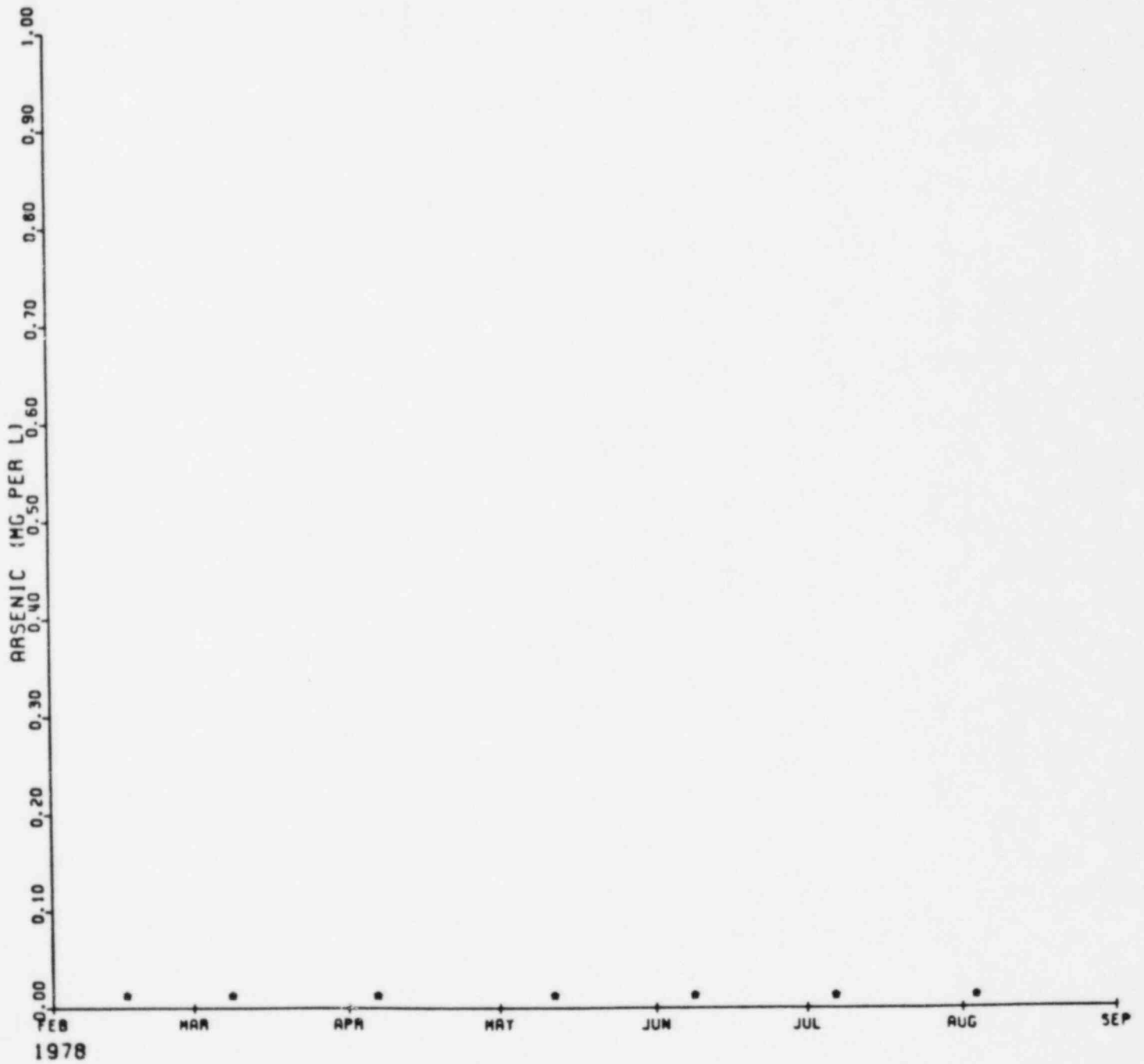


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 9 (211)

ARSENIC VS TIME
1977-1978

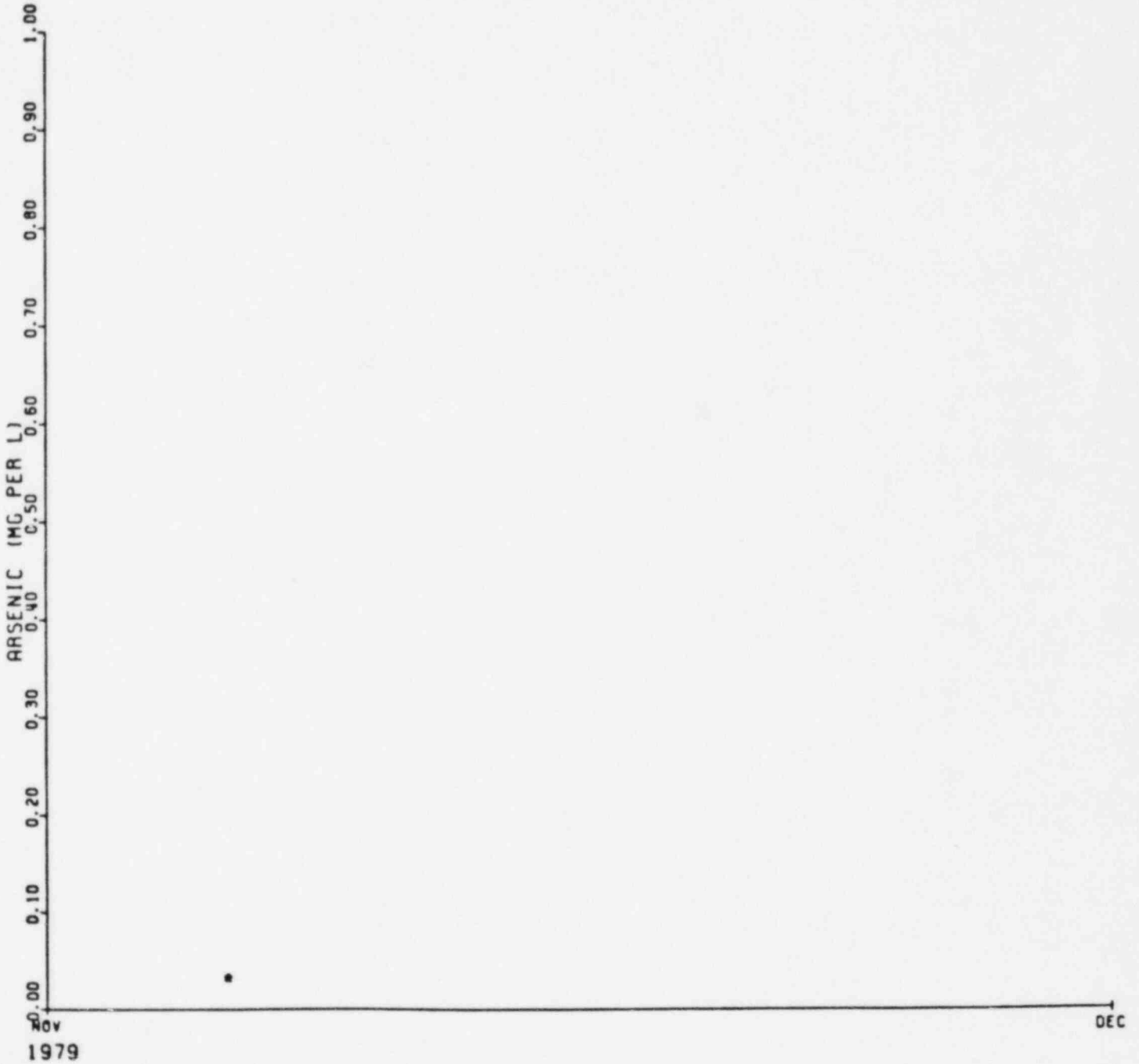


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 9 (211)

ARSENIC VS TIME
1979-1980

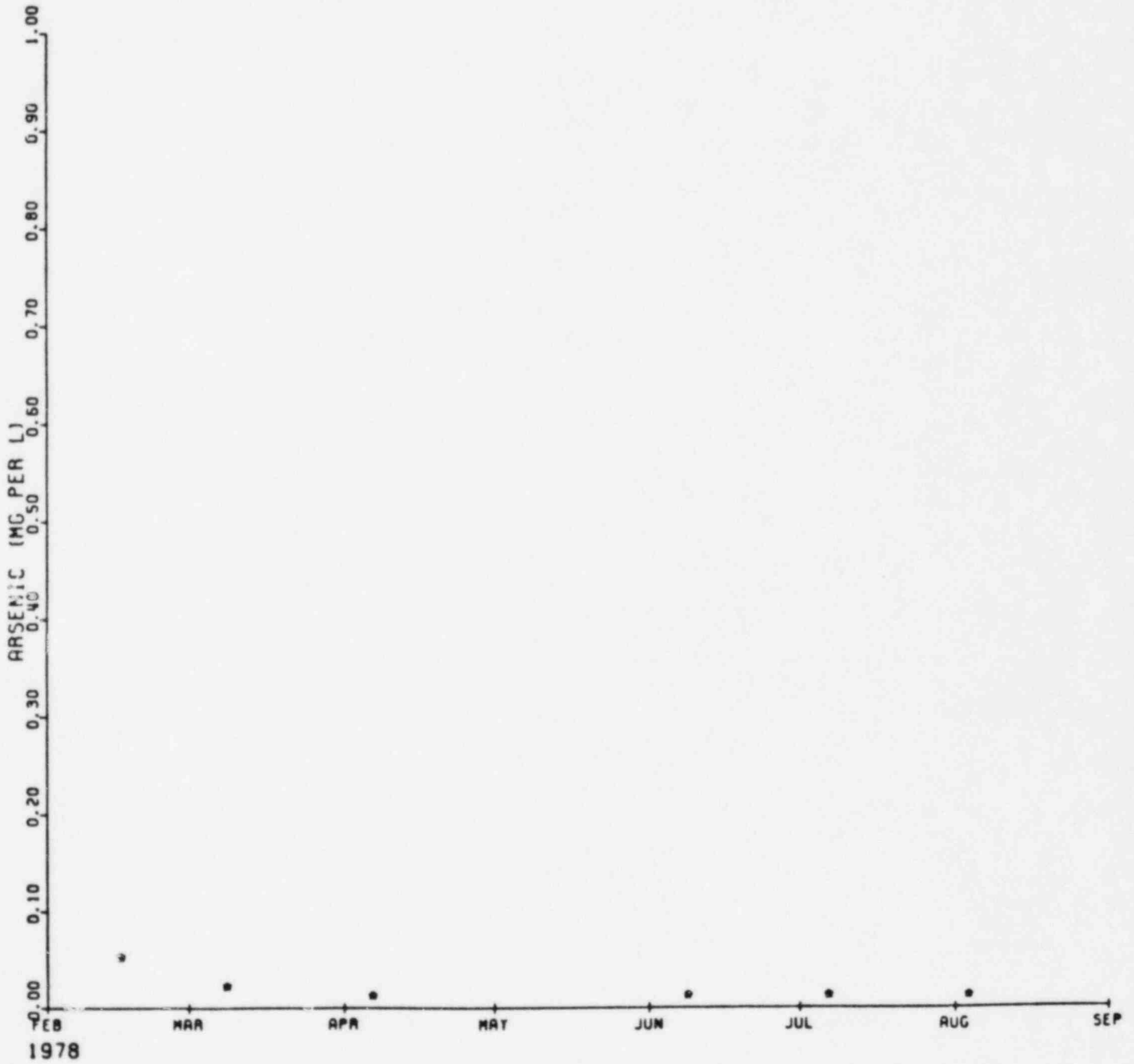


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 10 (212)

ARSENIC VS TIME
1977-1978

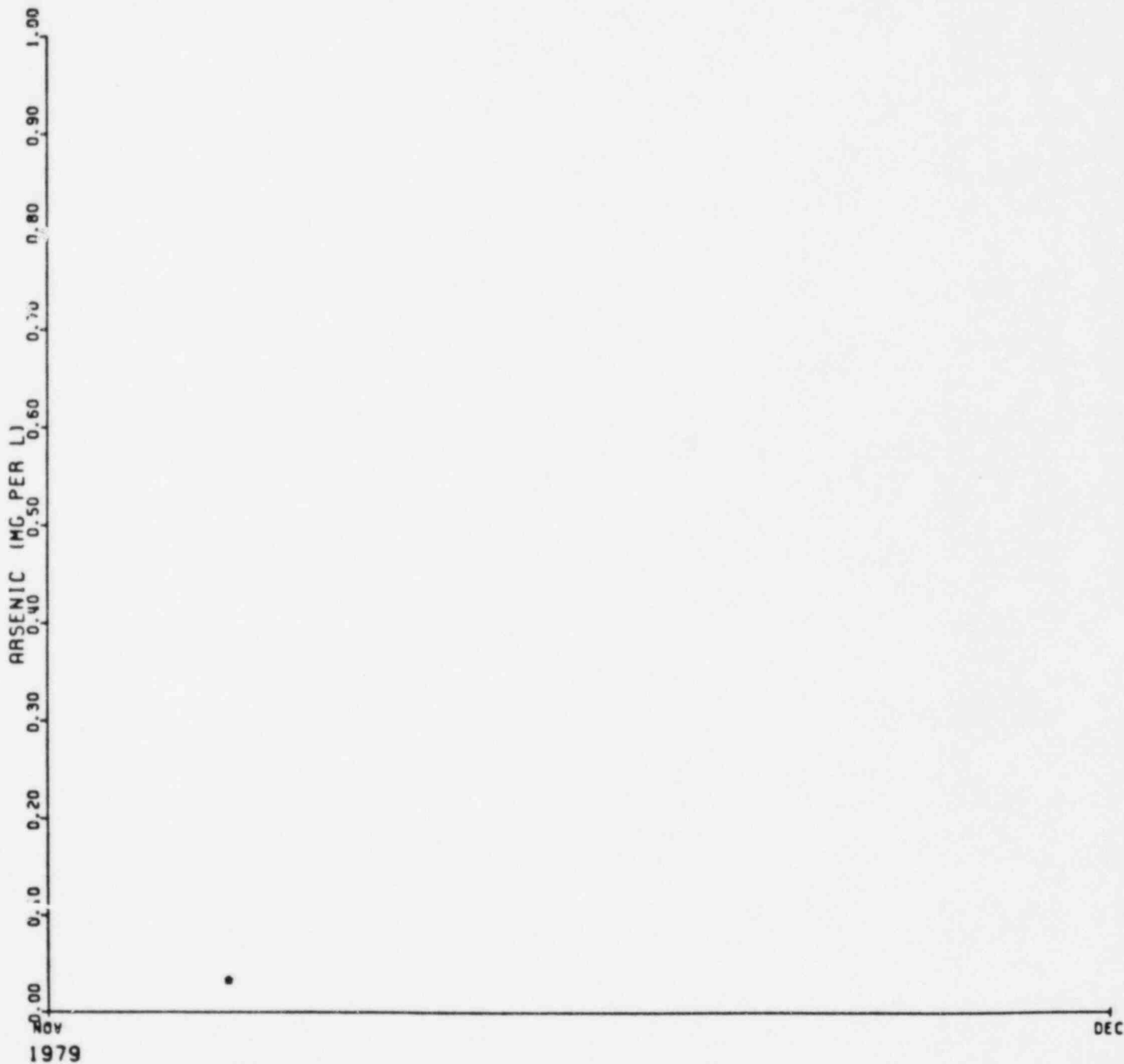


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 10 (212)

ARSENIC VS TIME
1979-1980

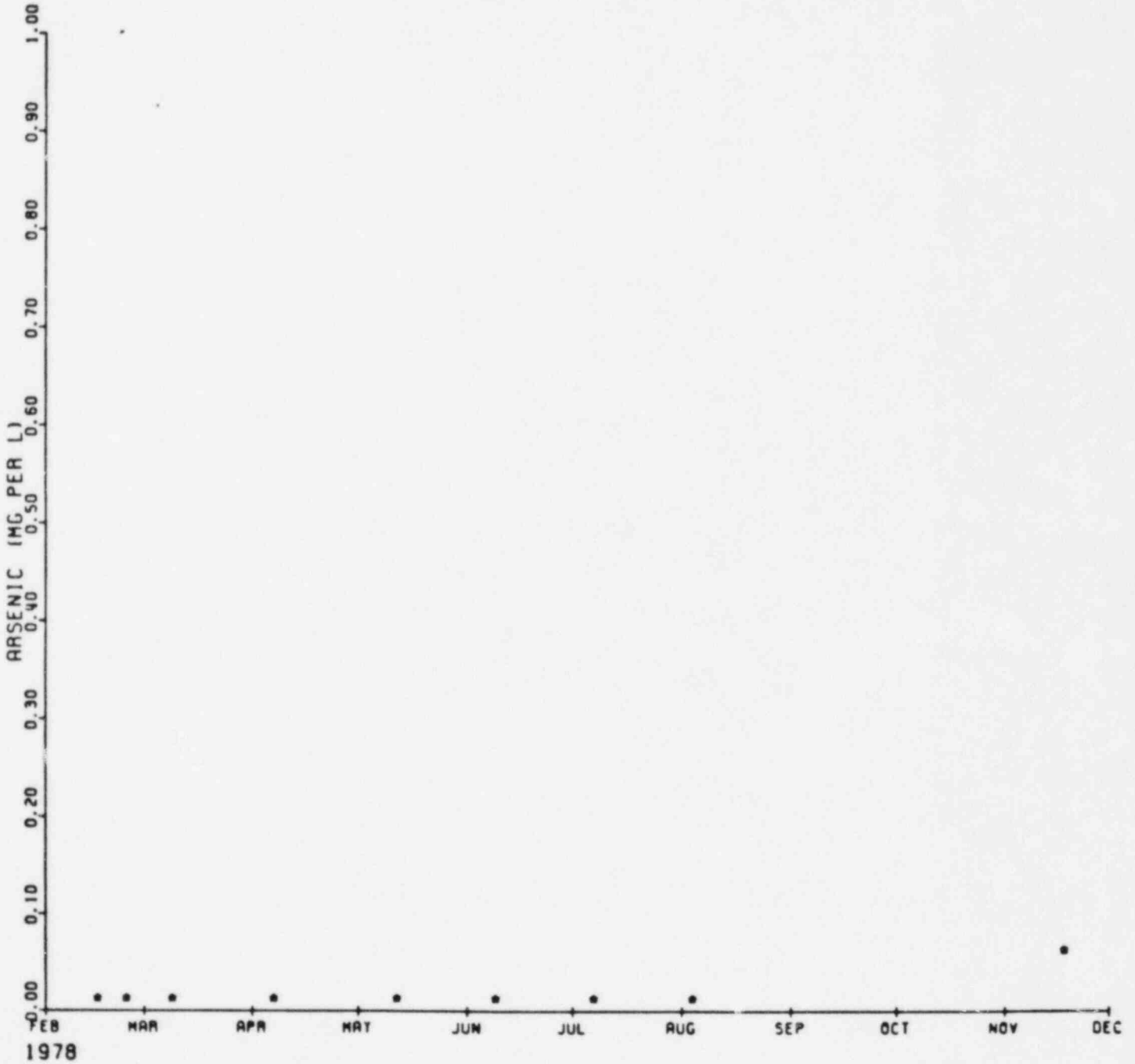


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 0011 (213)

ARSENIC VS TIME
1977-1978

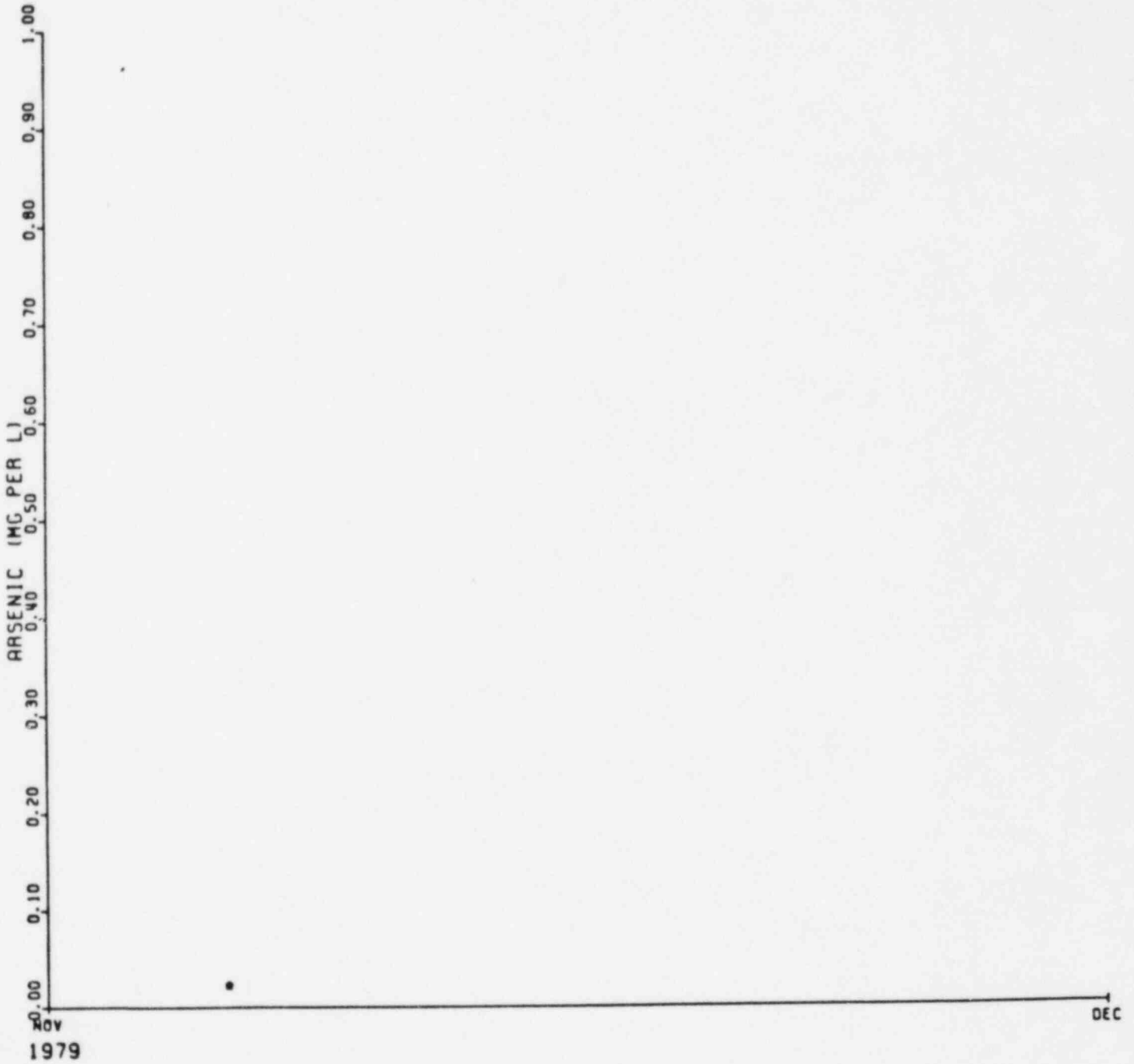


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 0011 (213)

ARSENIC VS TIME
1979-1980

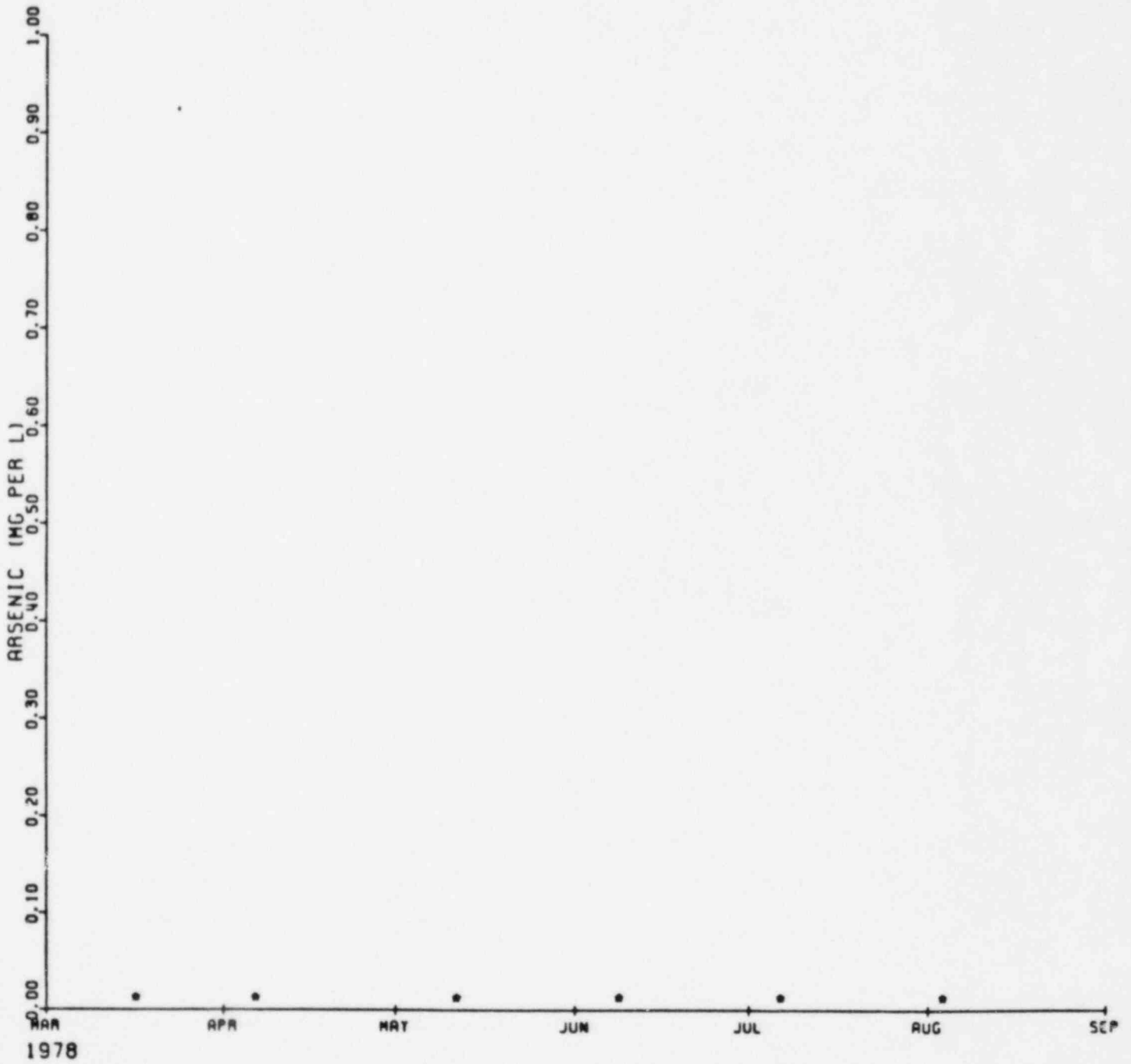


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 0012 (214)

ARSENIC VS TIME
1977-1978

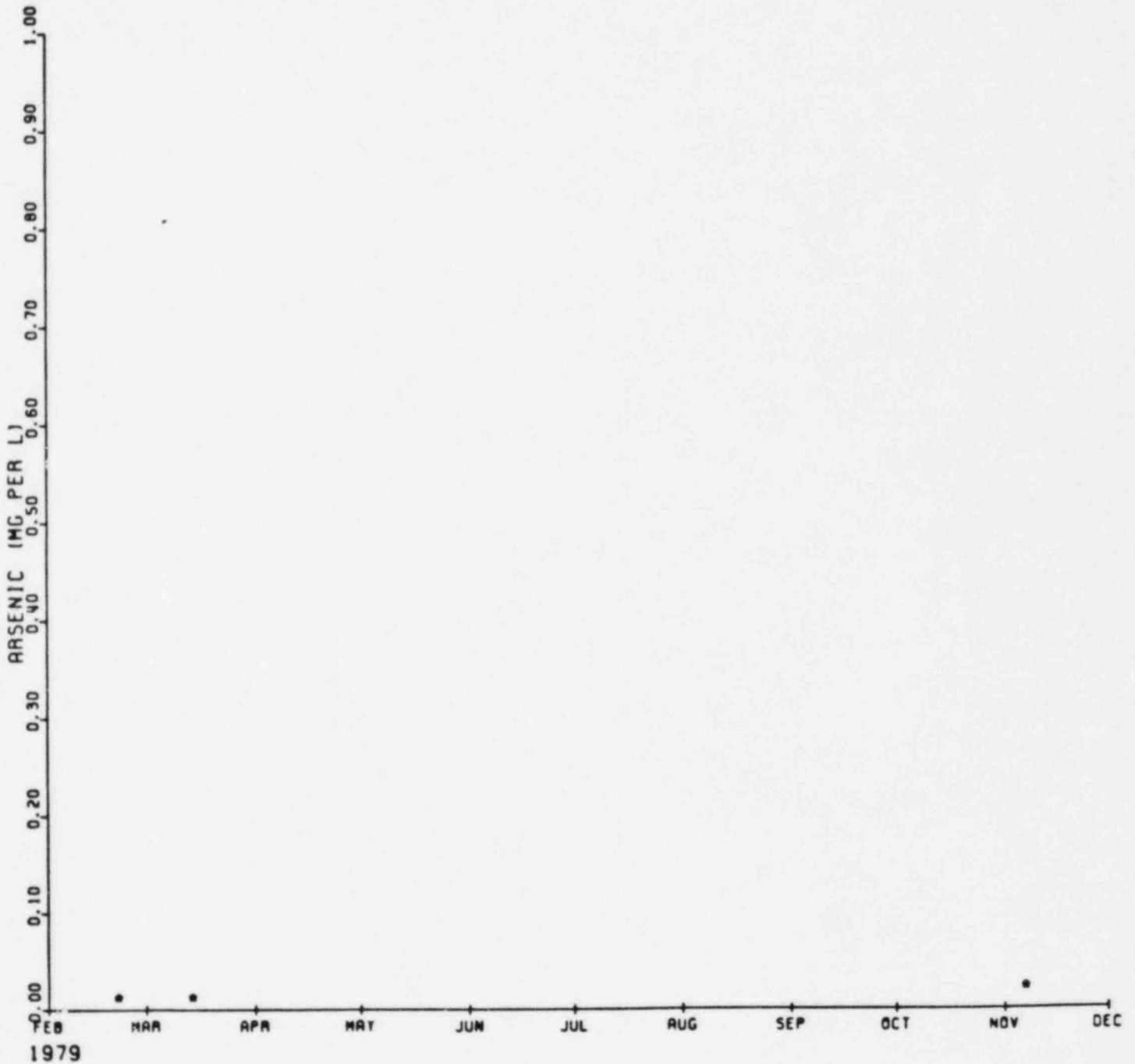


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 0012 (214)

ARSENIC VS TIME
1979-1980

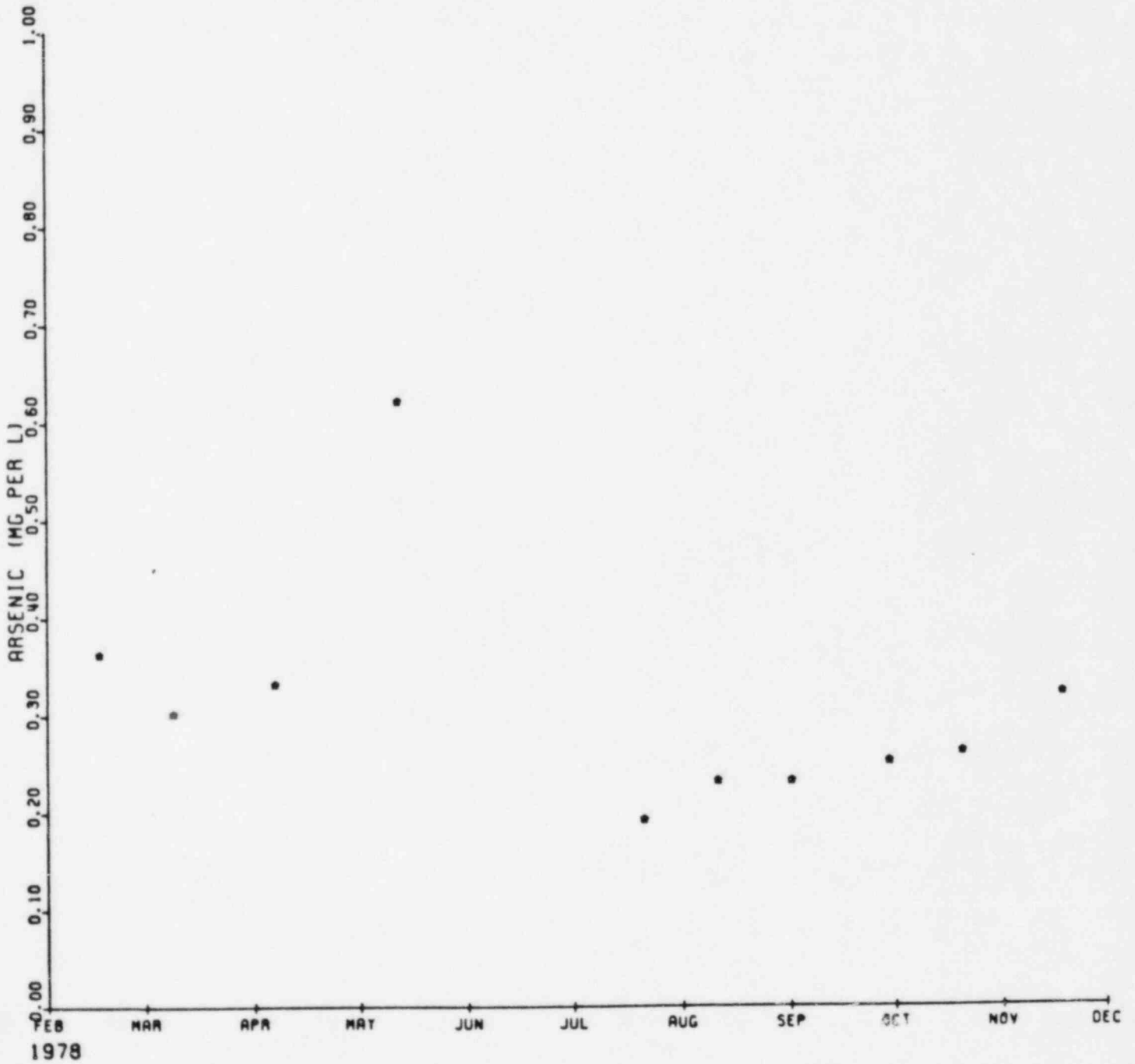


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP13 (207)

ARSENIC VS TIME
1977-1978

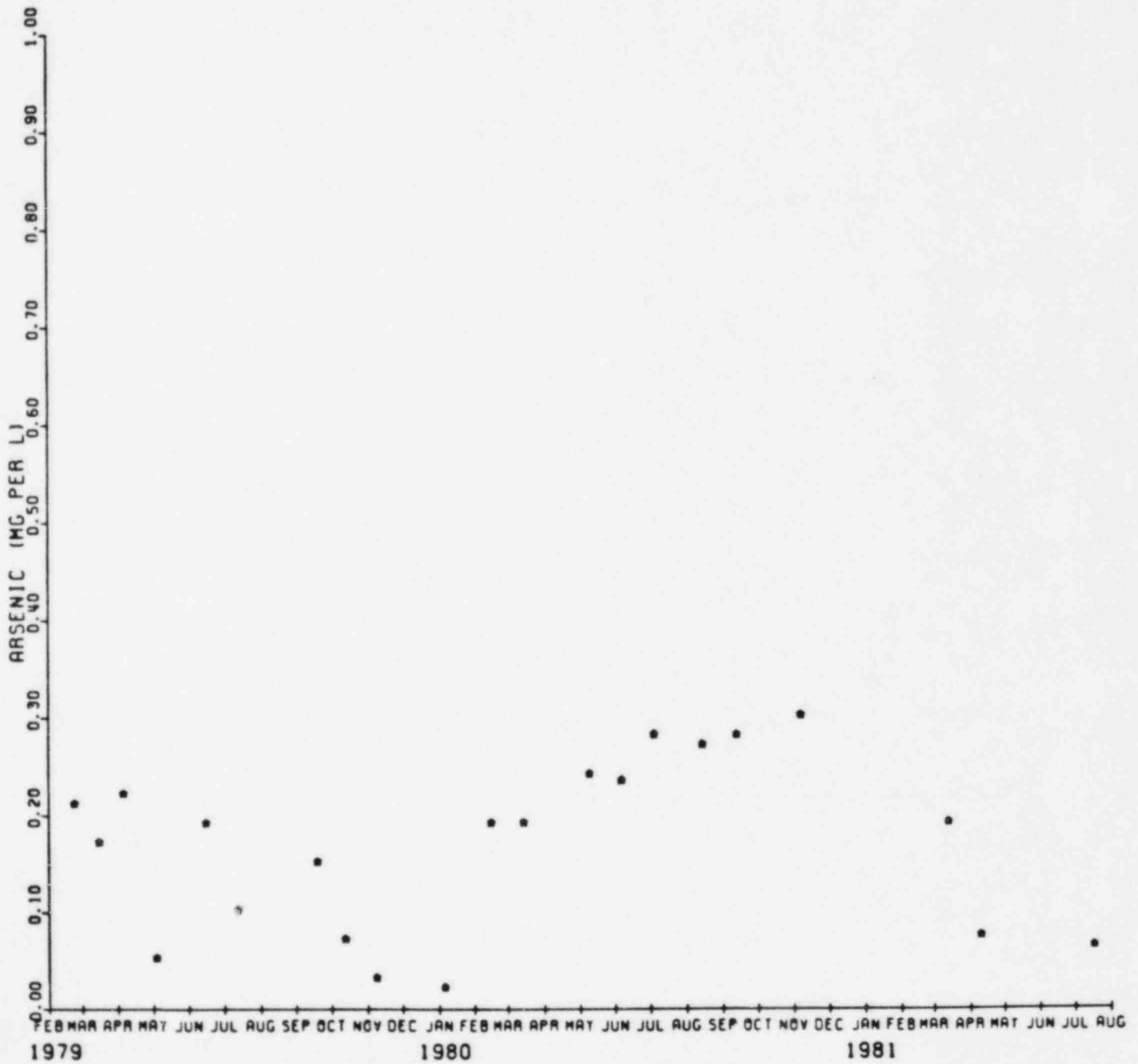


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP13 (207)

ARSENIC VS TIME
1979-1980

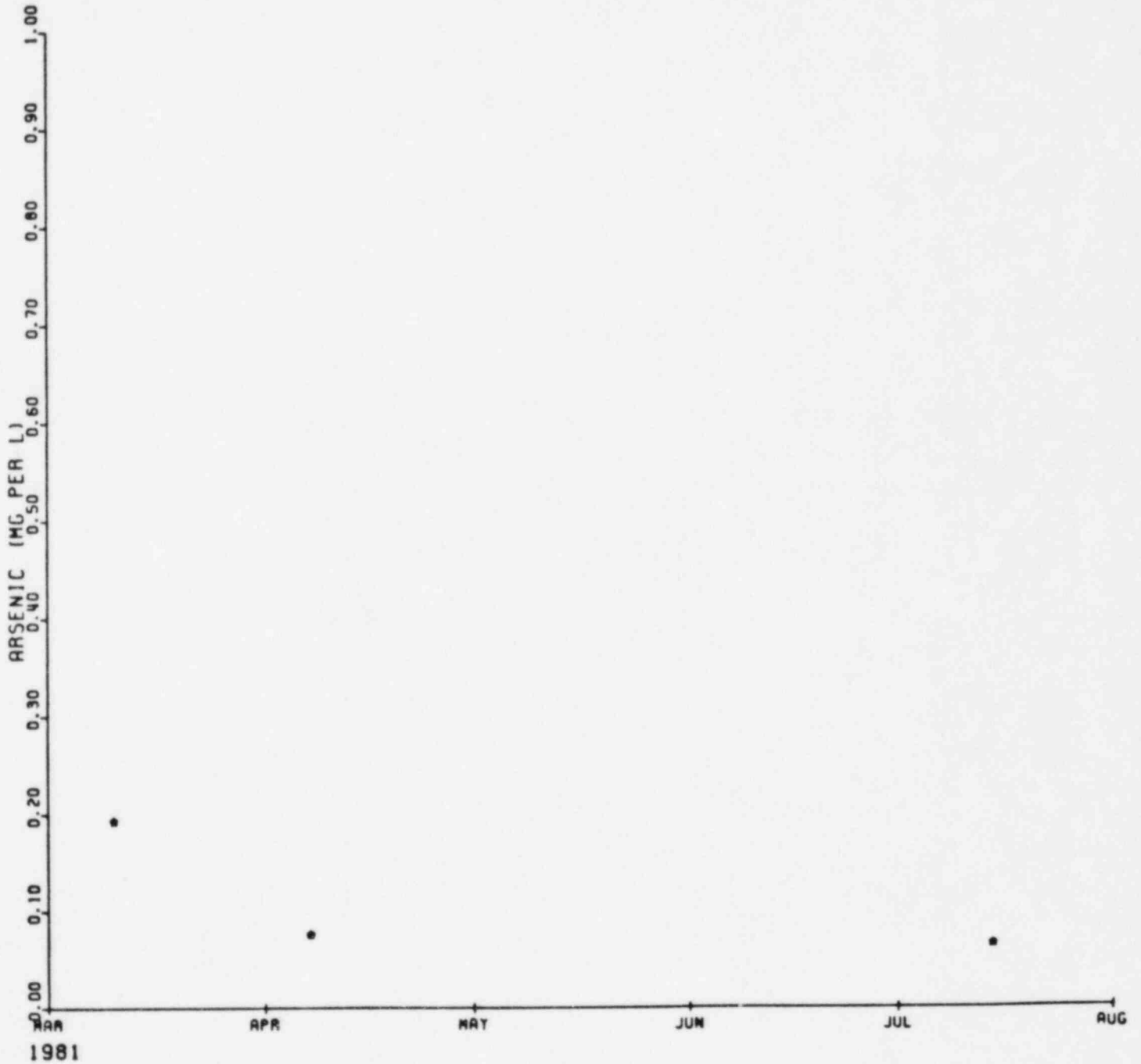


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP13 (207)

ARSENIC VS TIME
1981-1982

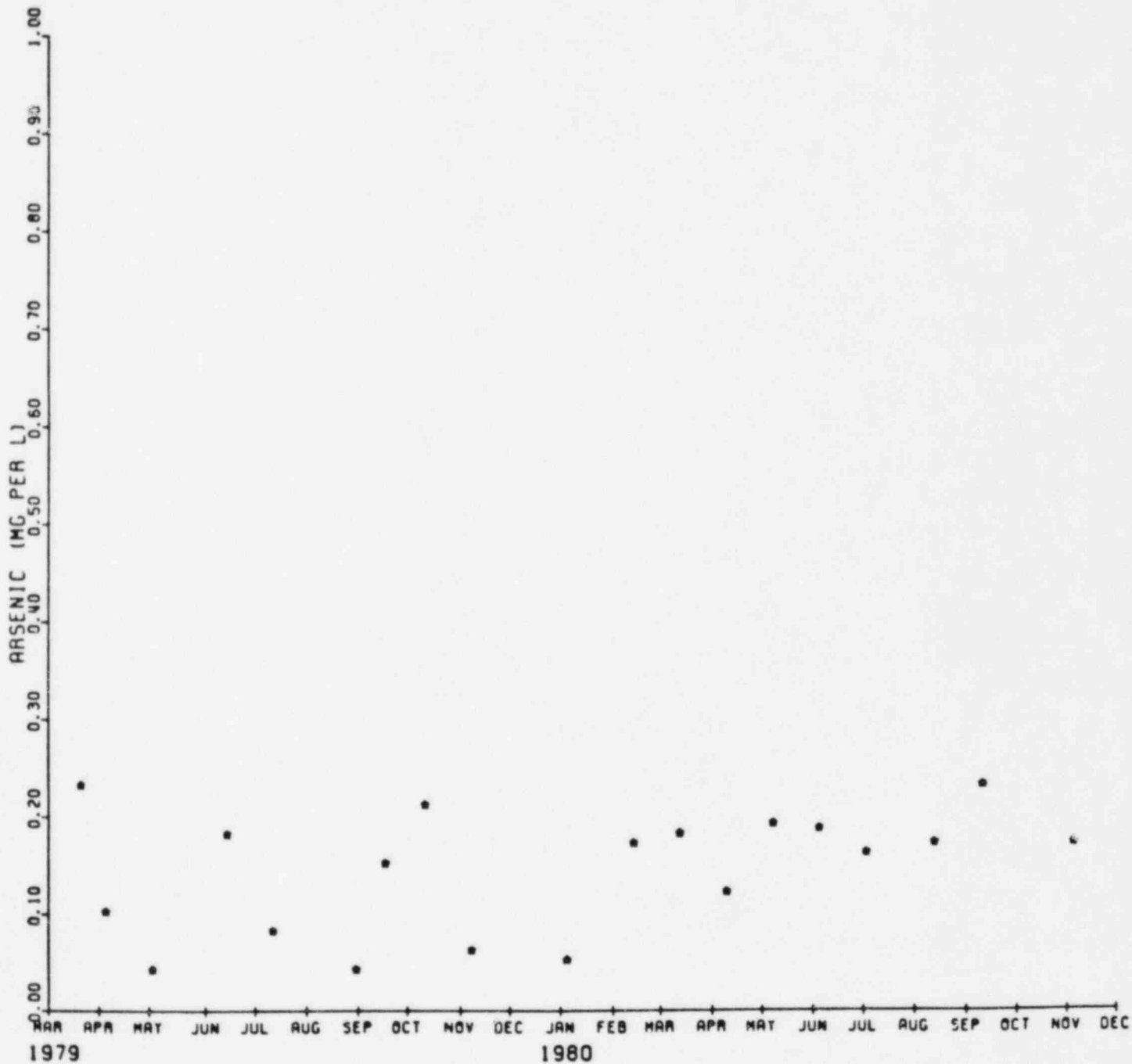


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP14 (208)

ARSENIC VS TIME
1979-1980

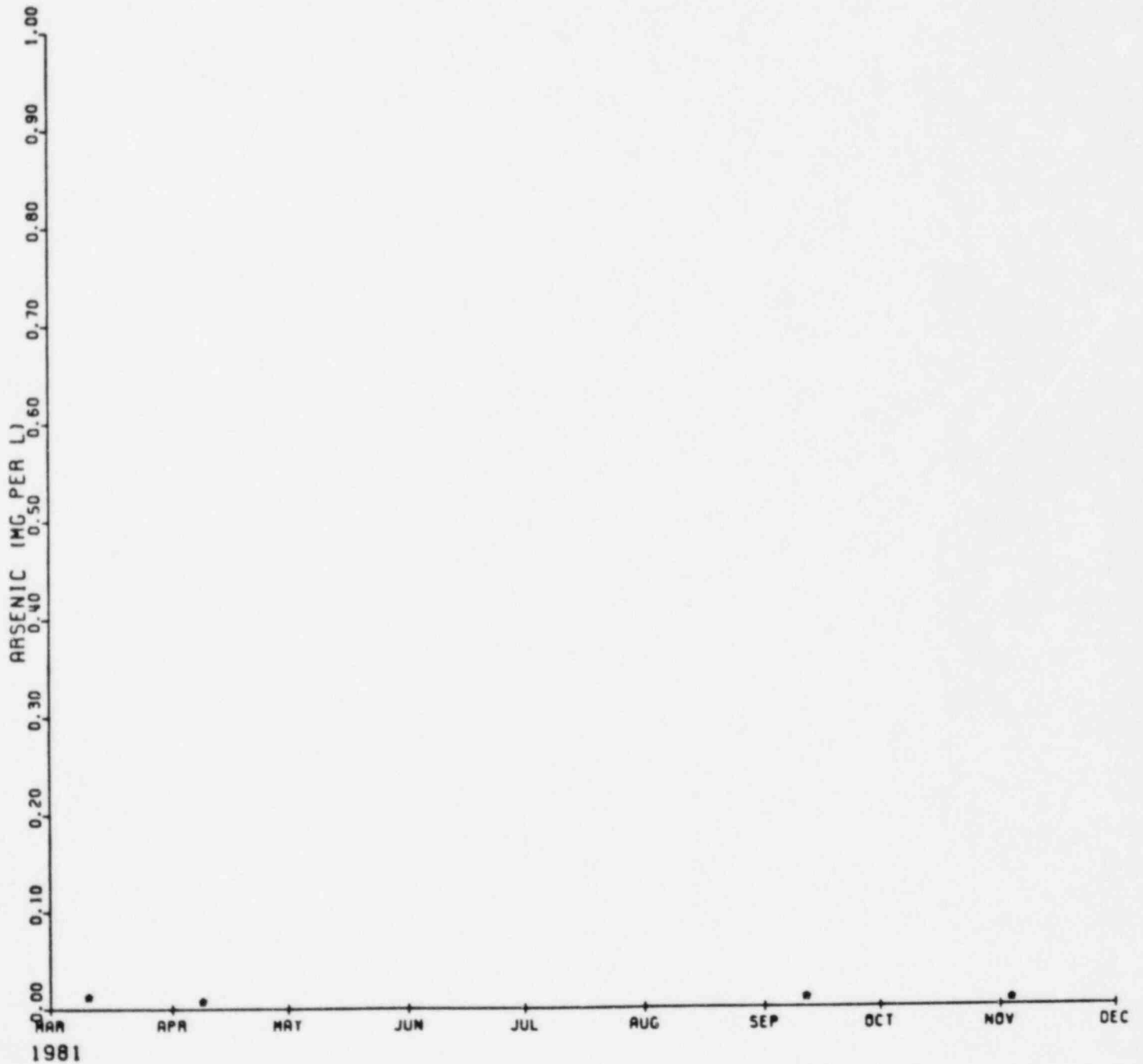


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP14 (208)

ARSENIC VS TIME
1981-1982

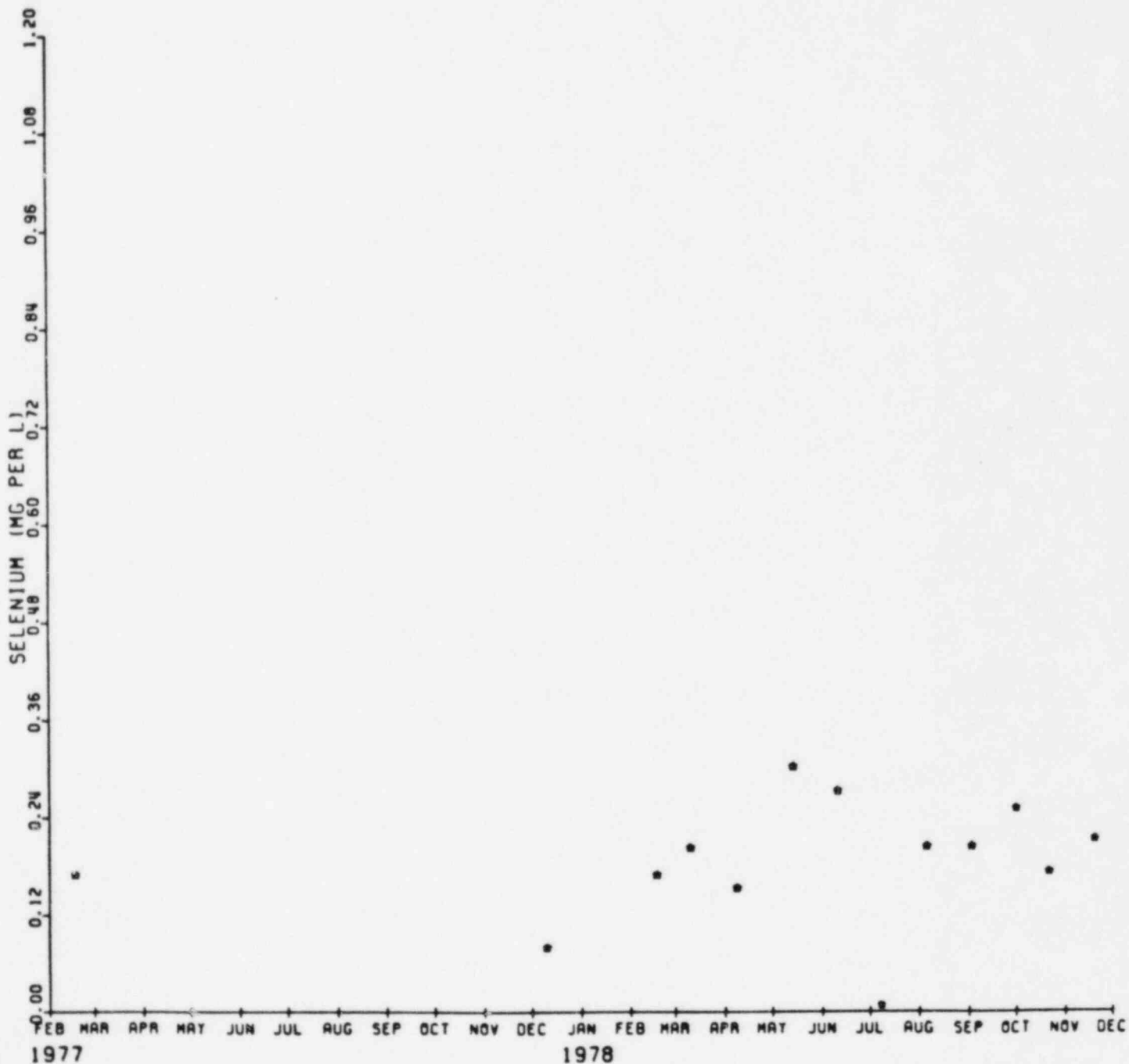


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP INJ (200)

SELENIUM VS TIME
1977-1978

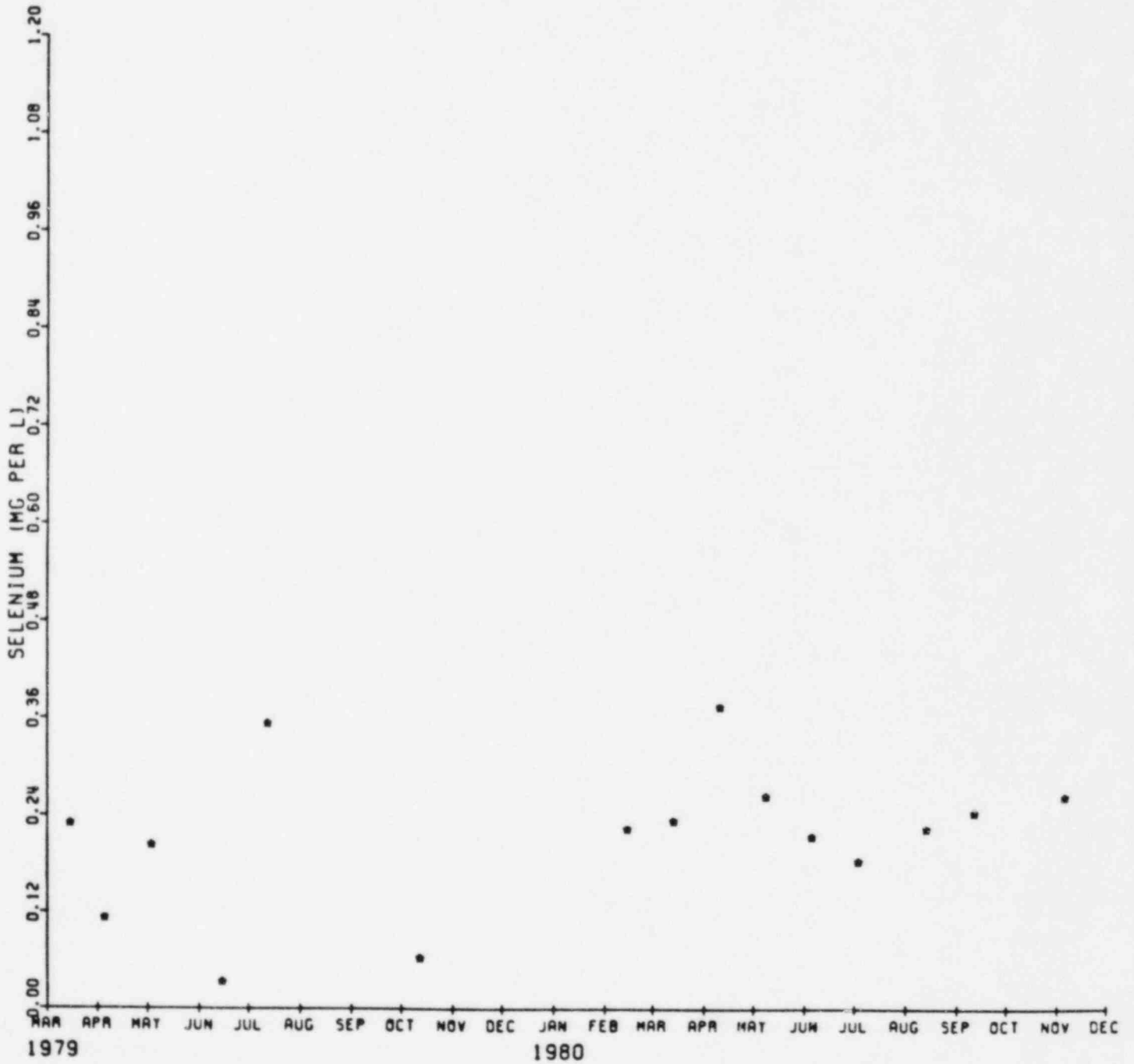


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP INJ (200)

SELENIUM VS TIME
1979-1980

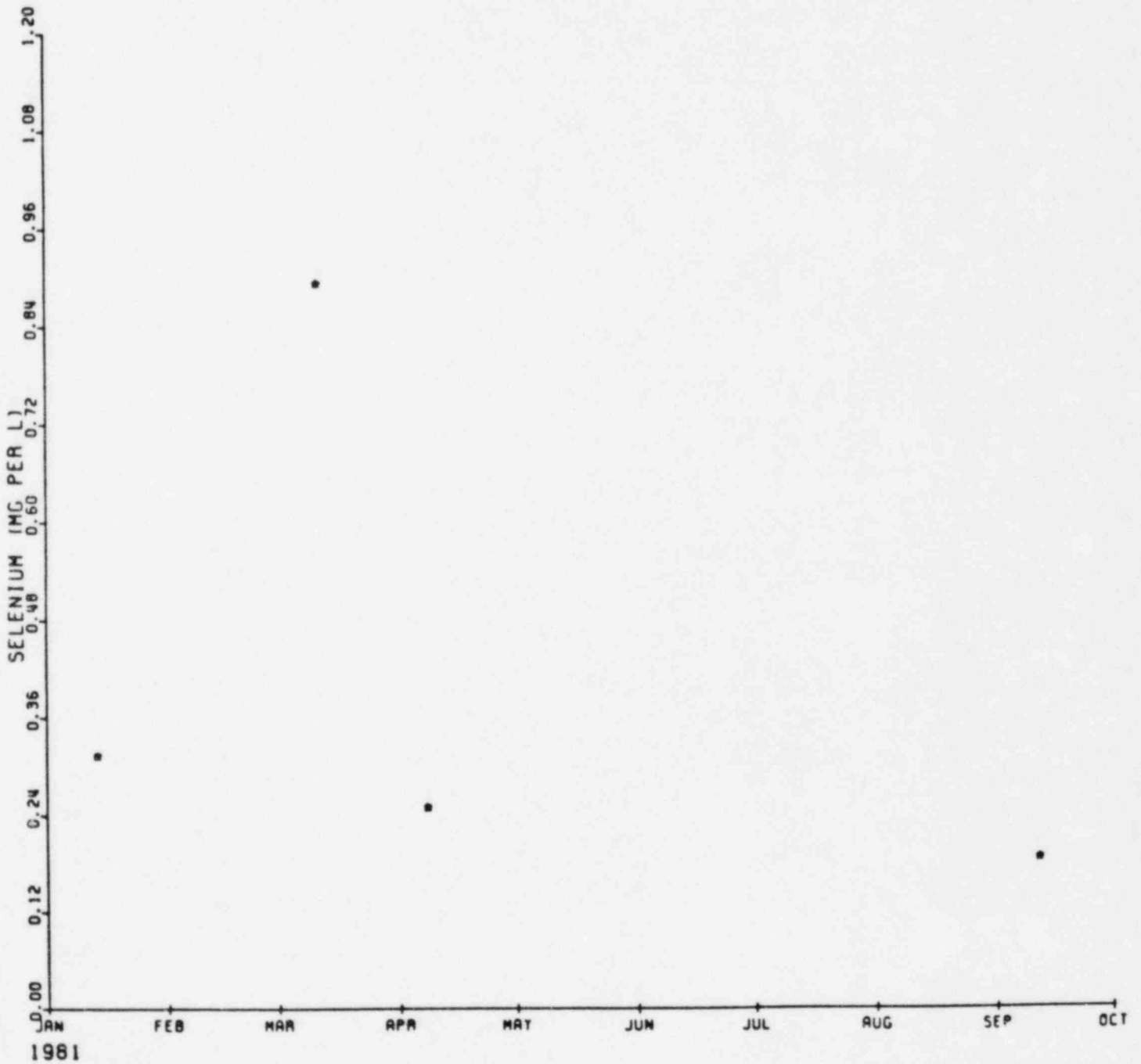


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP INJ (200)

SELENIUM VS TIME
1981-1982

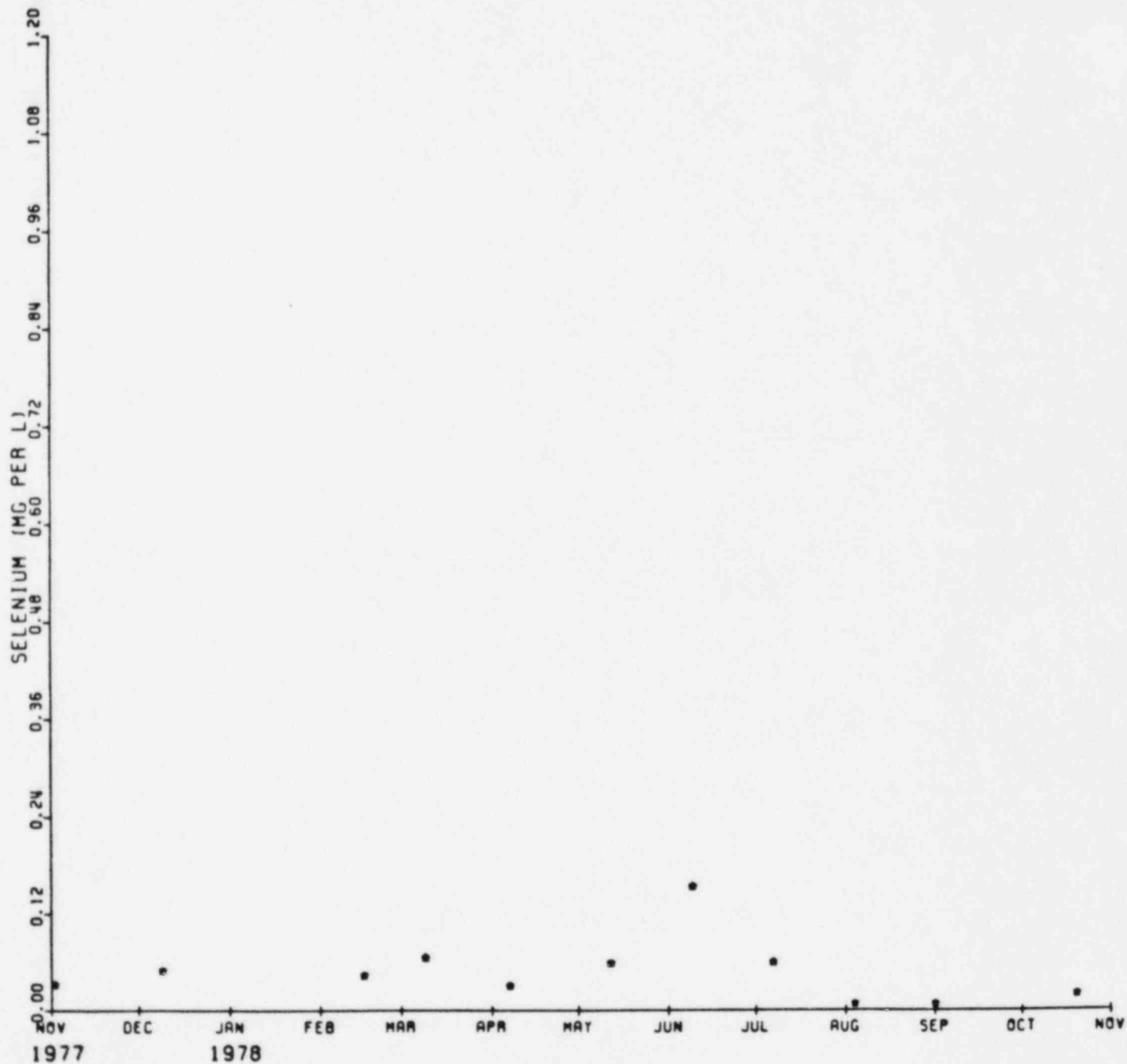


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP1 (201)

SELENIUM VS TIME
1977-1978

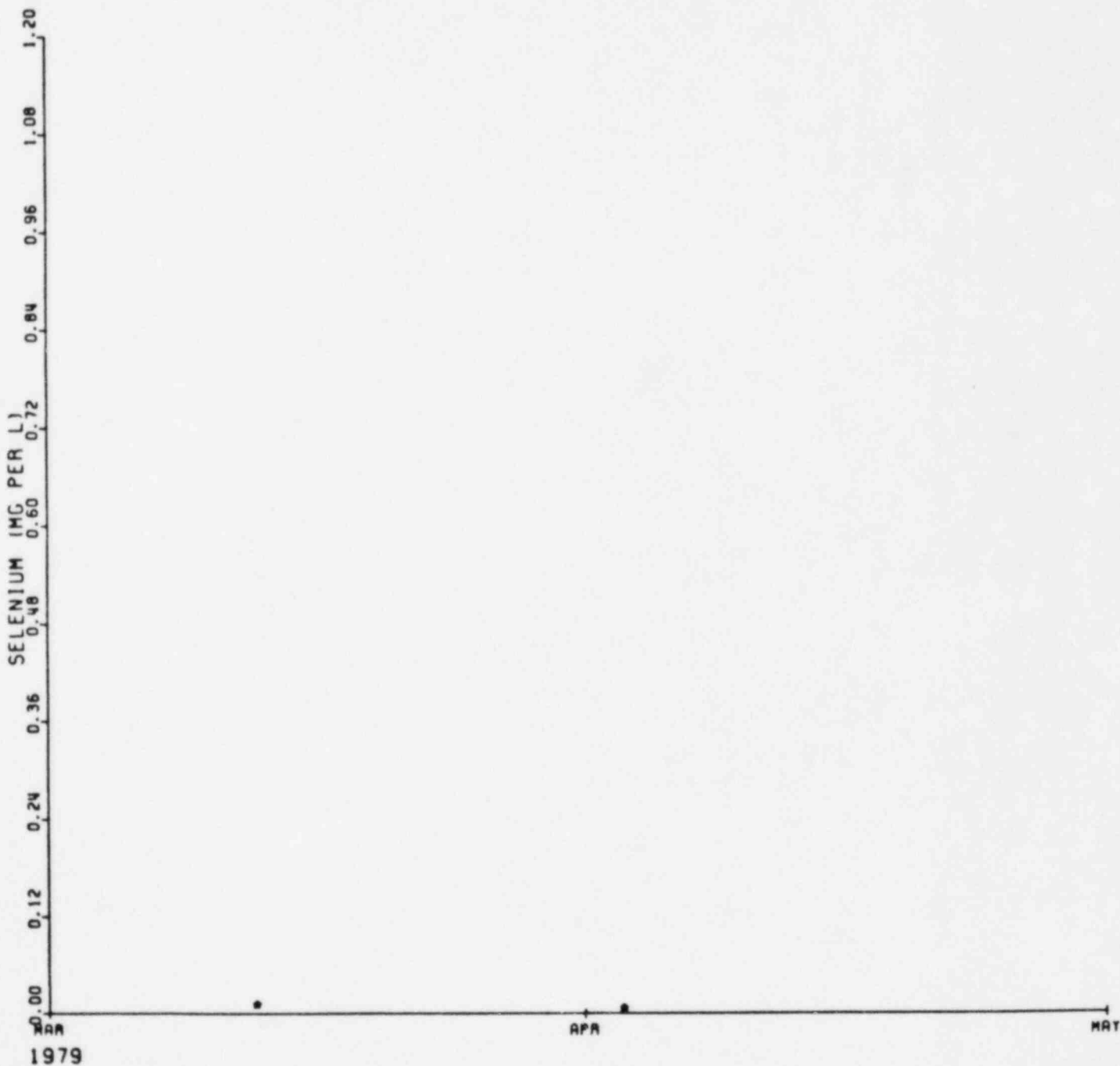


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP1 (201)

SELENIUM VS TIME
1979-1980

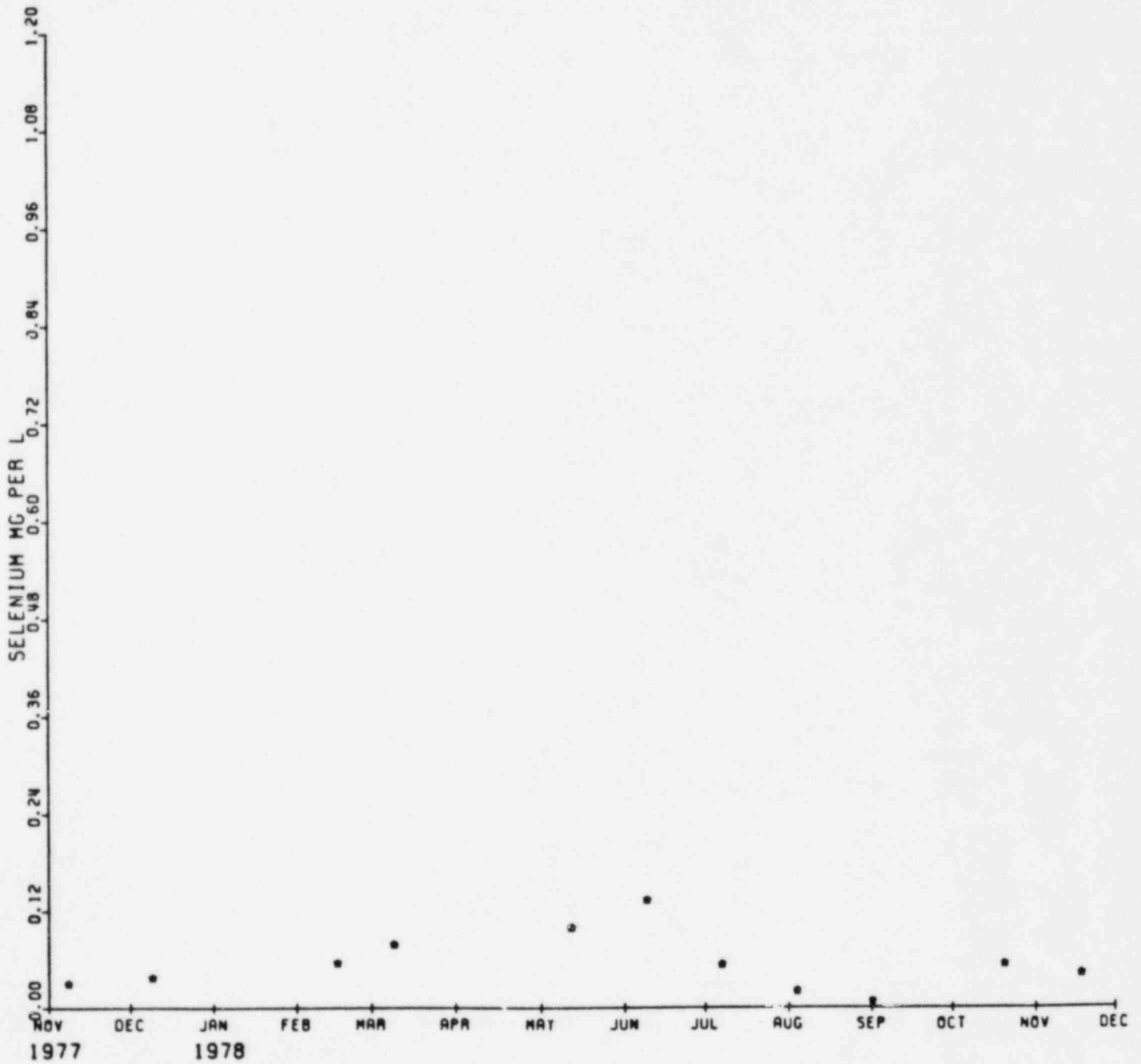


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP2 (202)

SELENIUM VS TIME
1977-1978

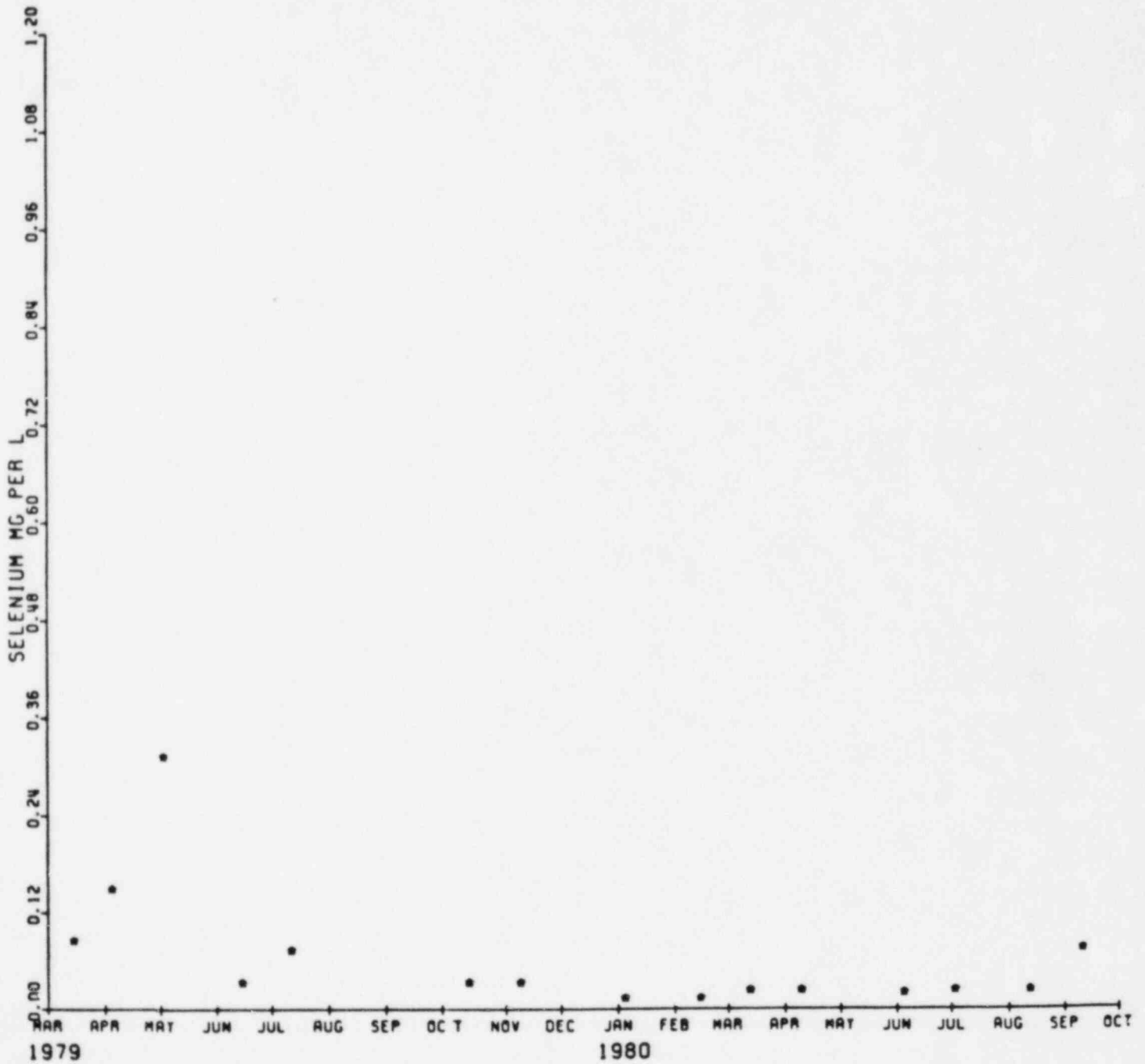


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP2 (202)

SELENIUM VS TIME
1979-1980

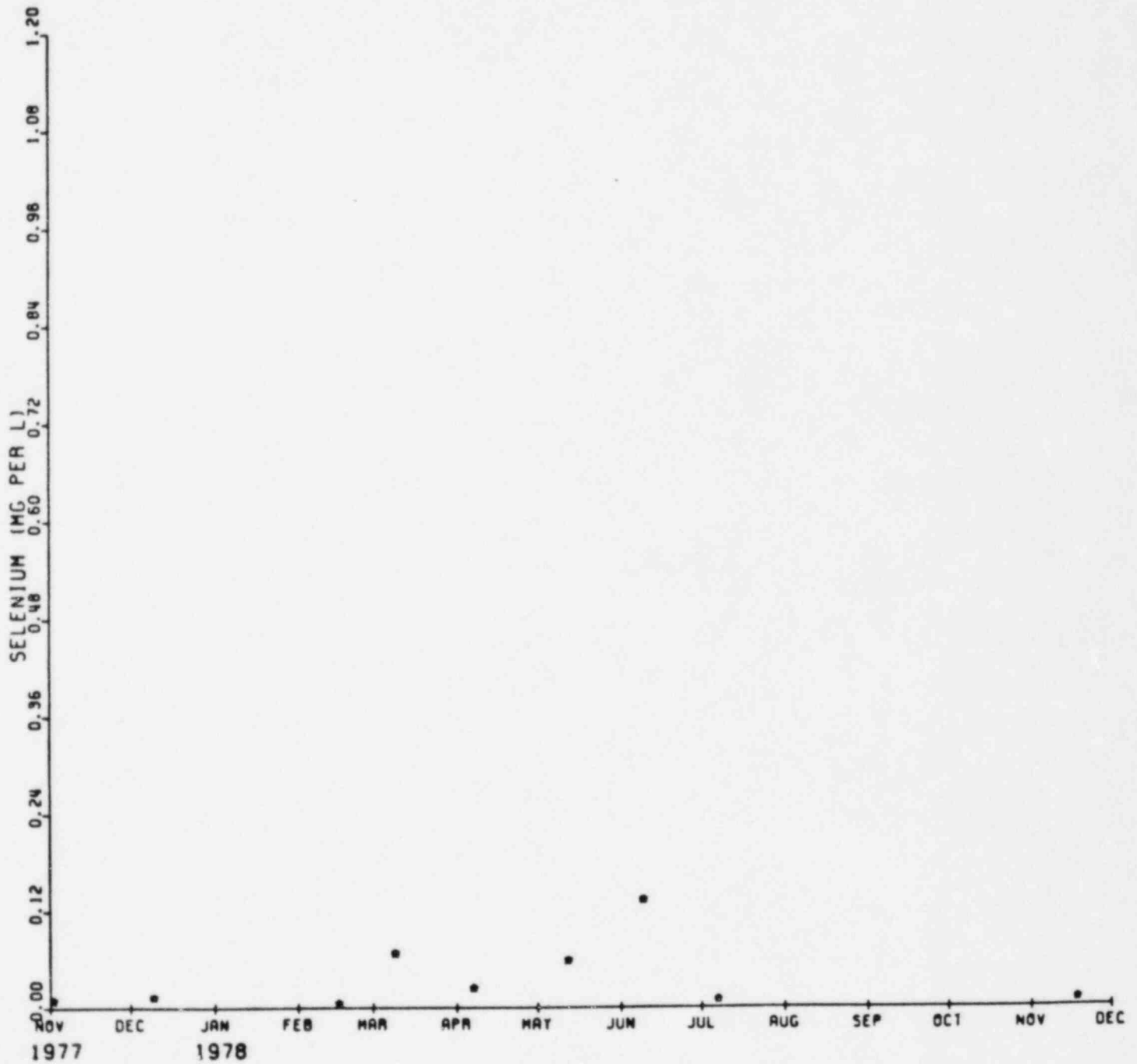


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP3 (203)

SELENIUM VS TIME
1977-1978

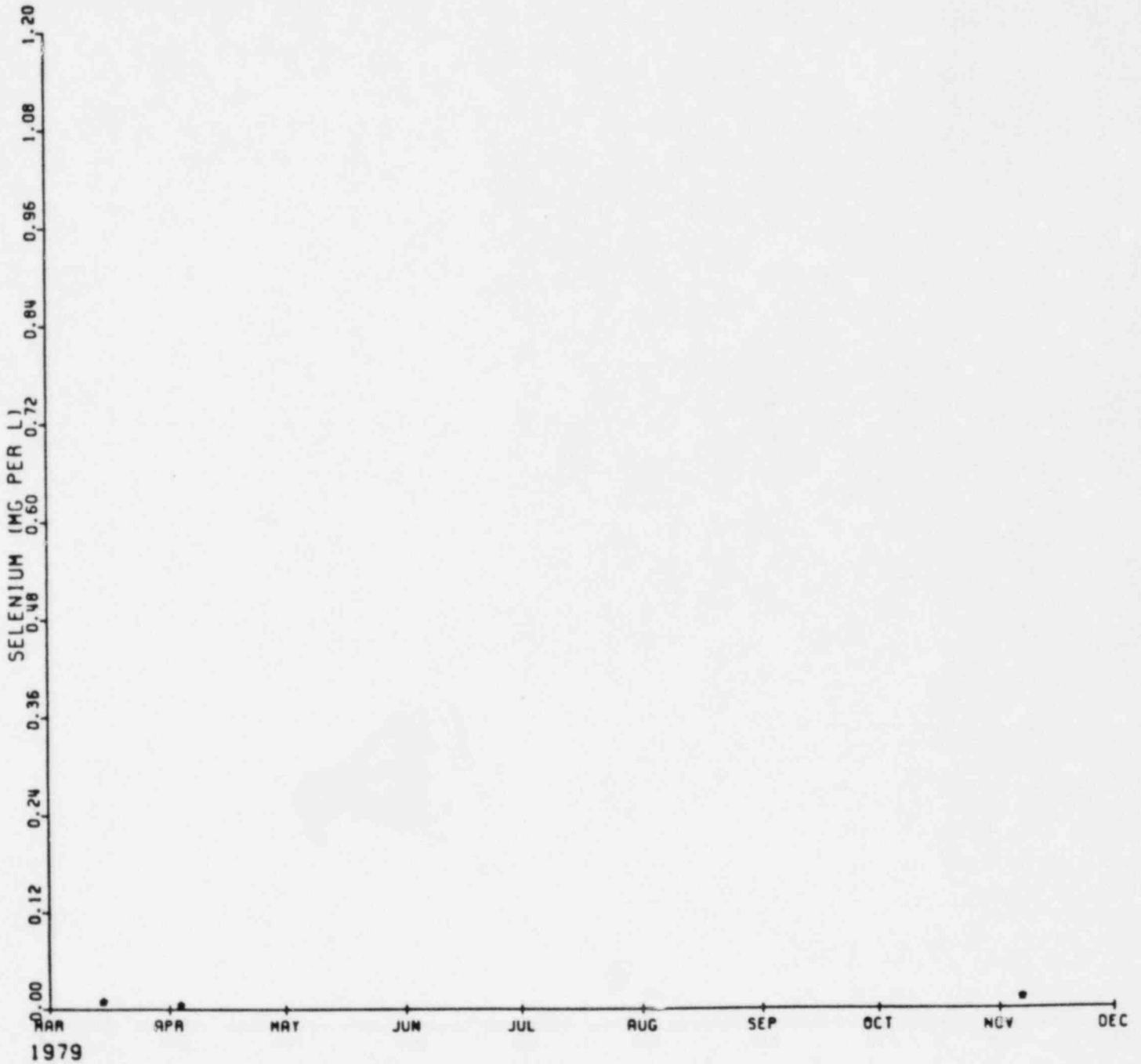


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP3 (203)

SELENIUM VS TIME
1979-1980

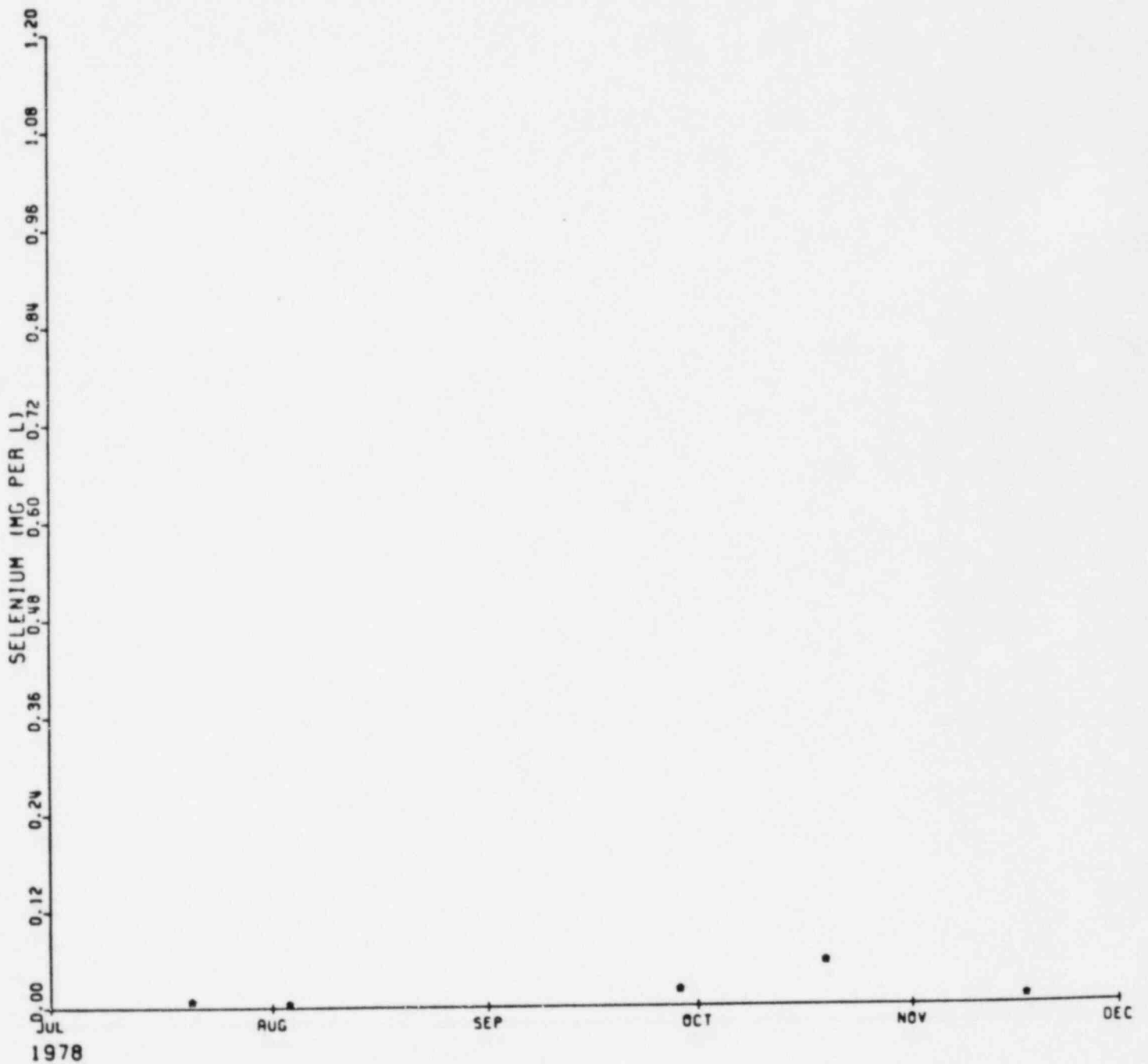


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL OP4 (204)

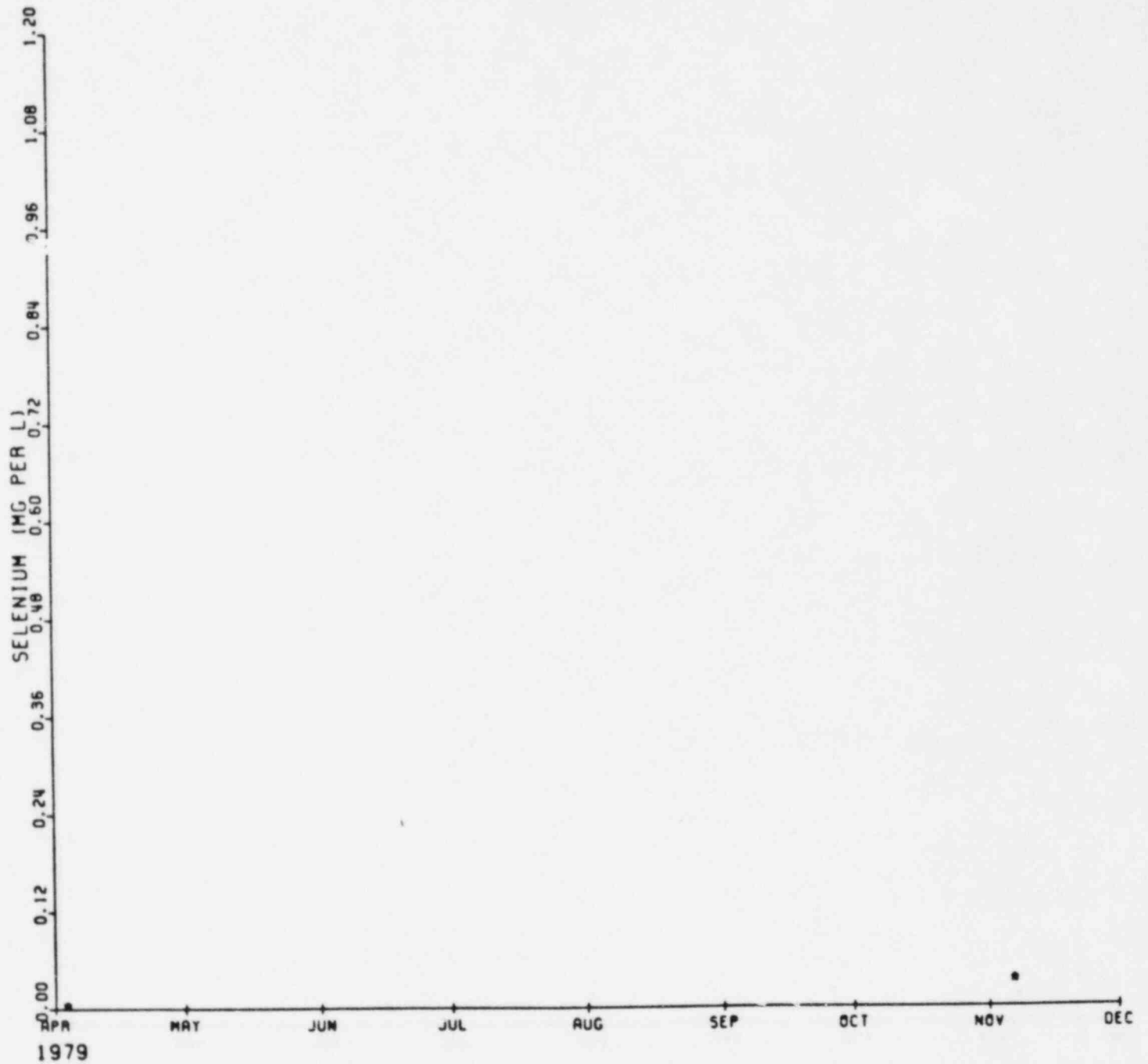
SELENIUM VS TIME
1977-1978



EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL OP4 (204)
SELENIUM VS TIME
1979-1980

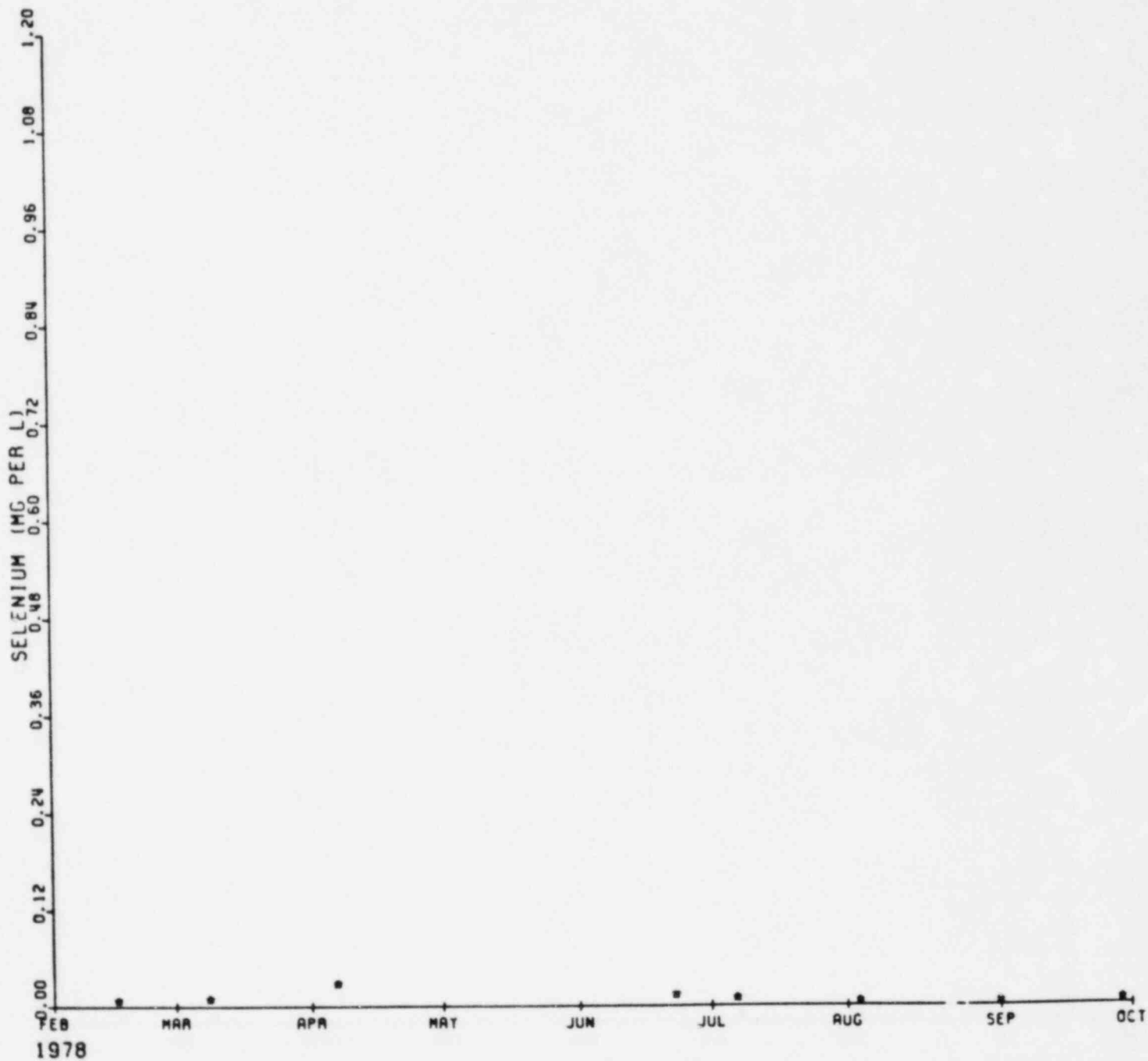


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL OP5 (205)

SELENIUM VS TIME
1977-1978

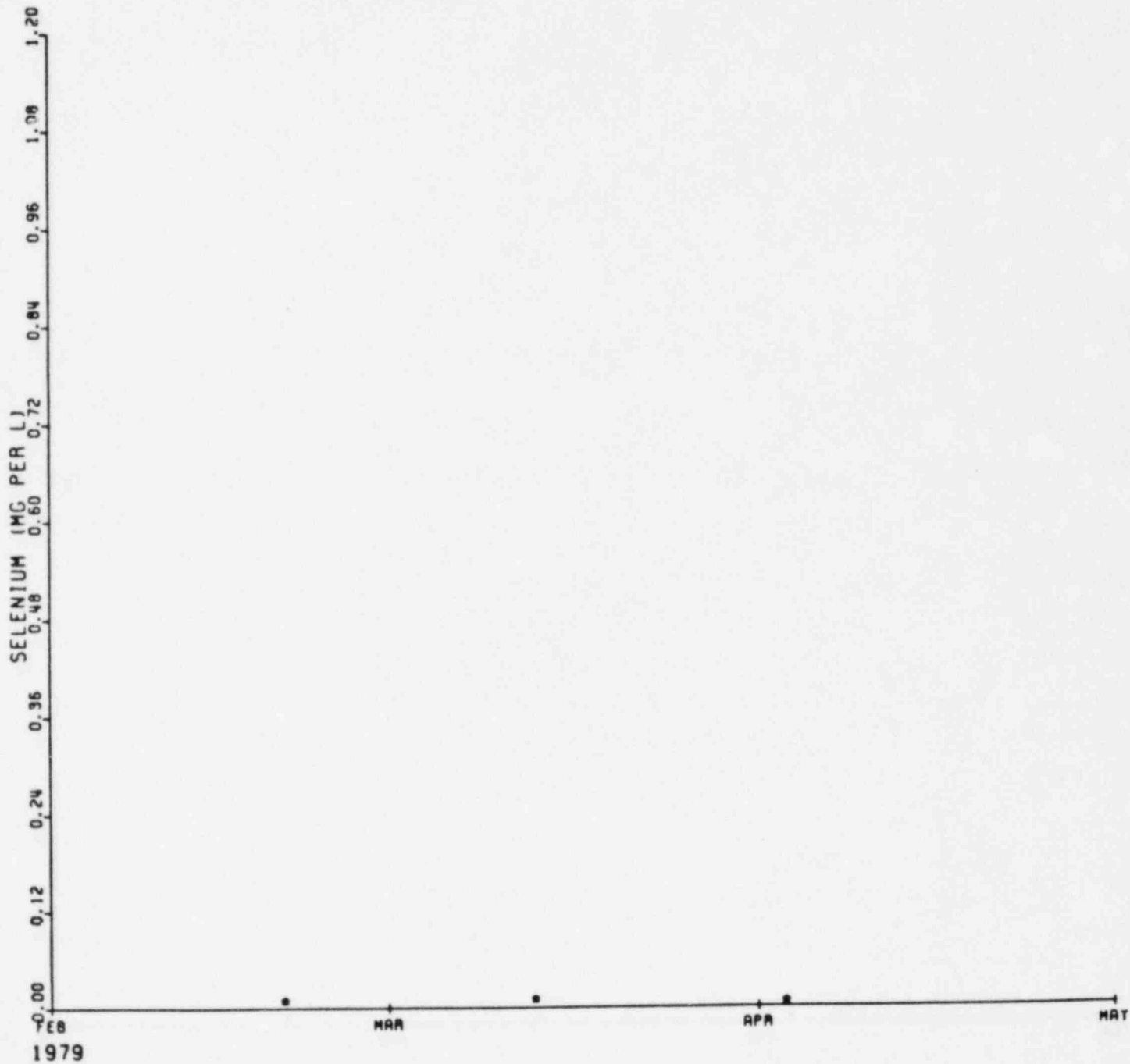


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL OPS (205)

SELENIUM VS TIME
1979-1980

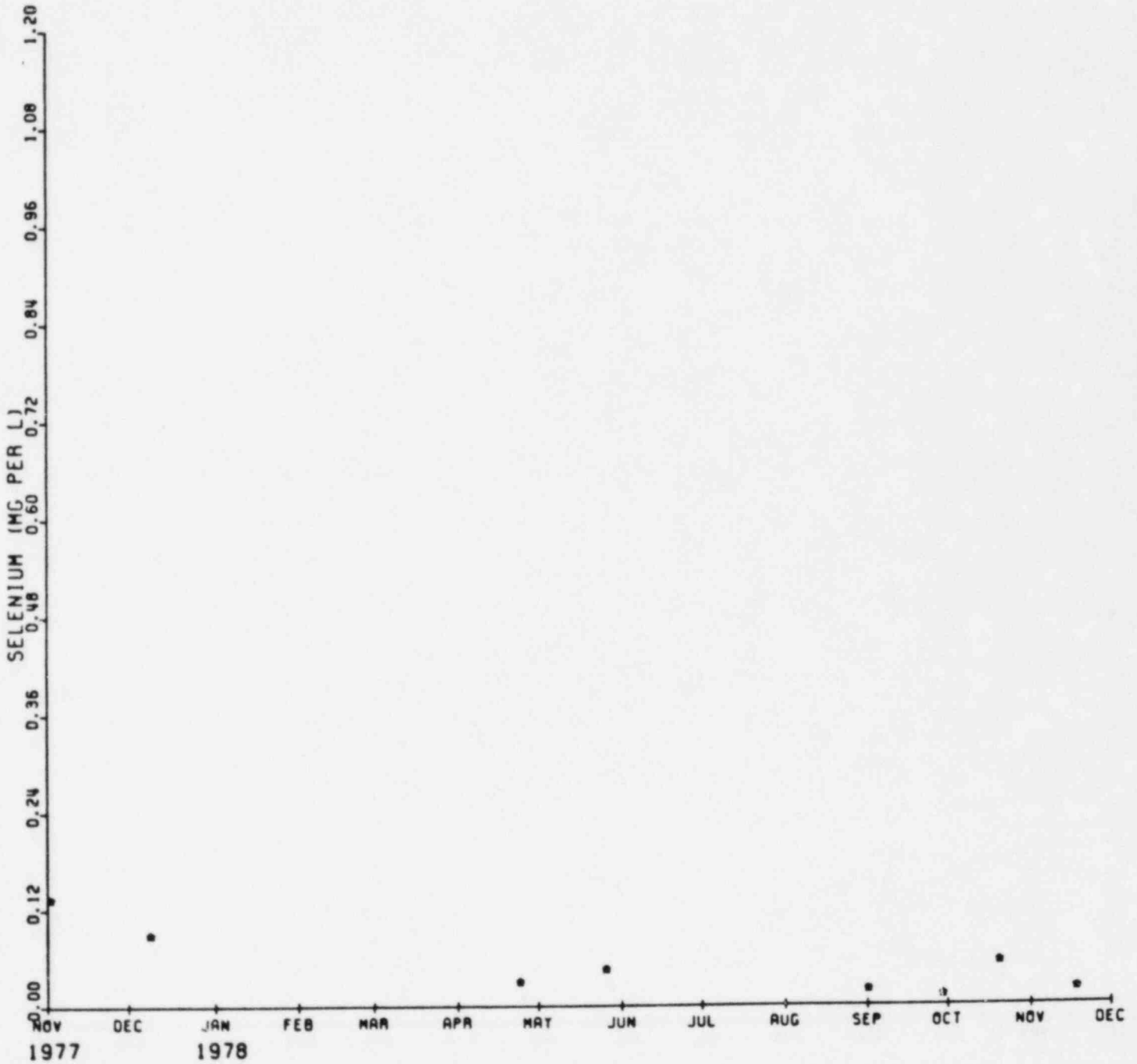


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP6 (206)

SELENIUM VS TIME
1977-1978

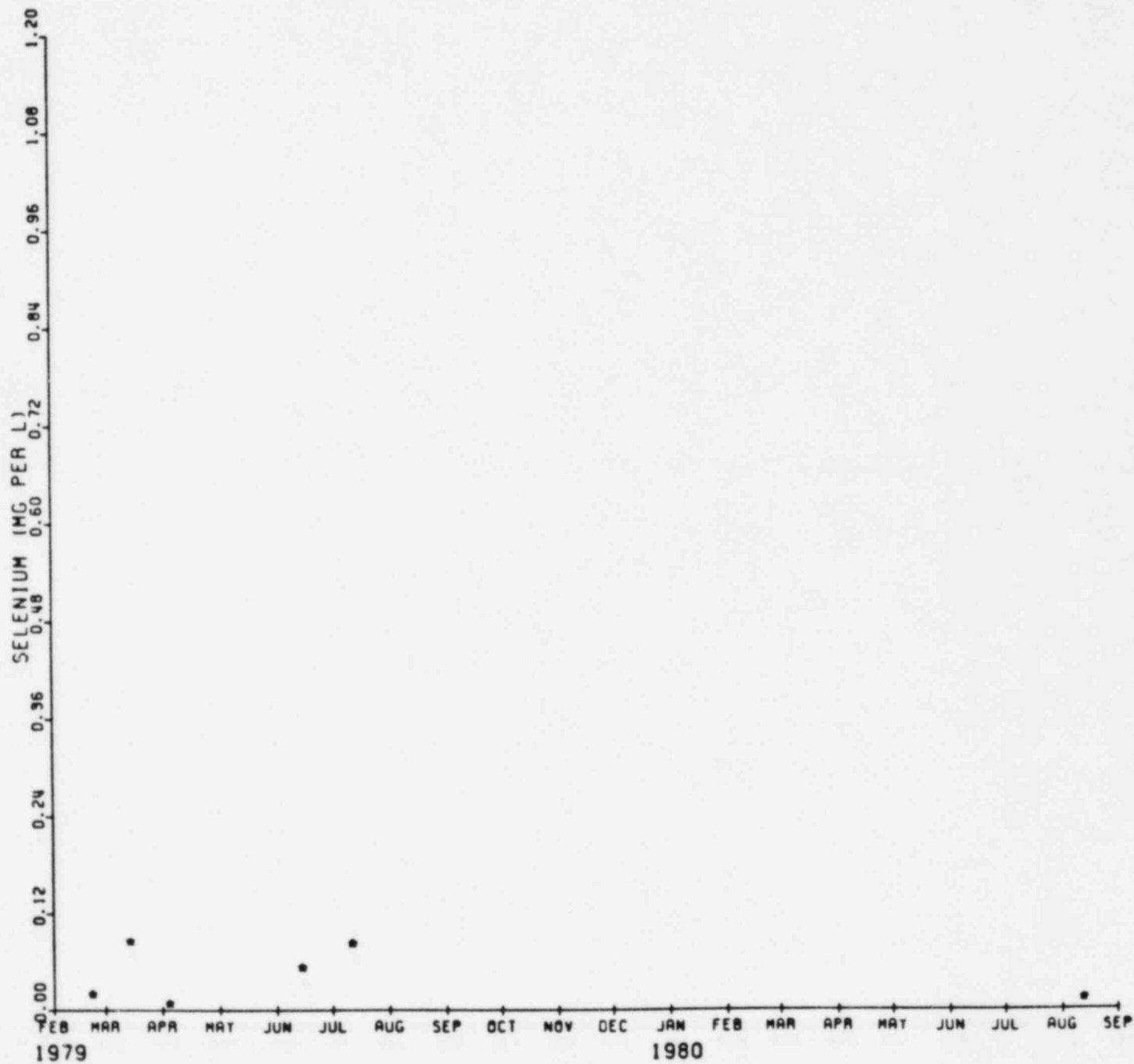


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP6 (206)

SELENIUM VS TIME
1981-1982

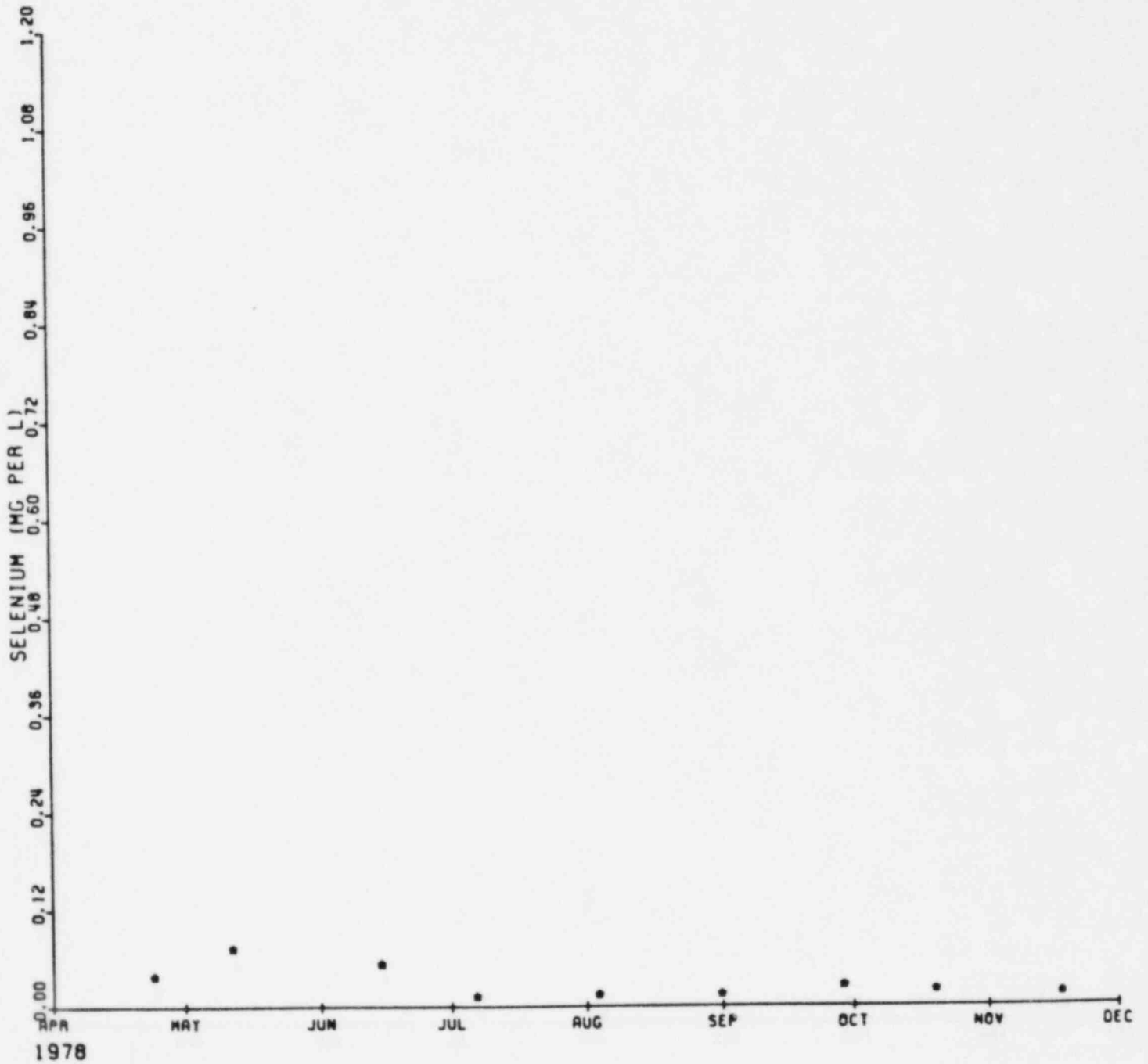


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL 00 7 (209)

SELENIUM VS TIME
1977-1978

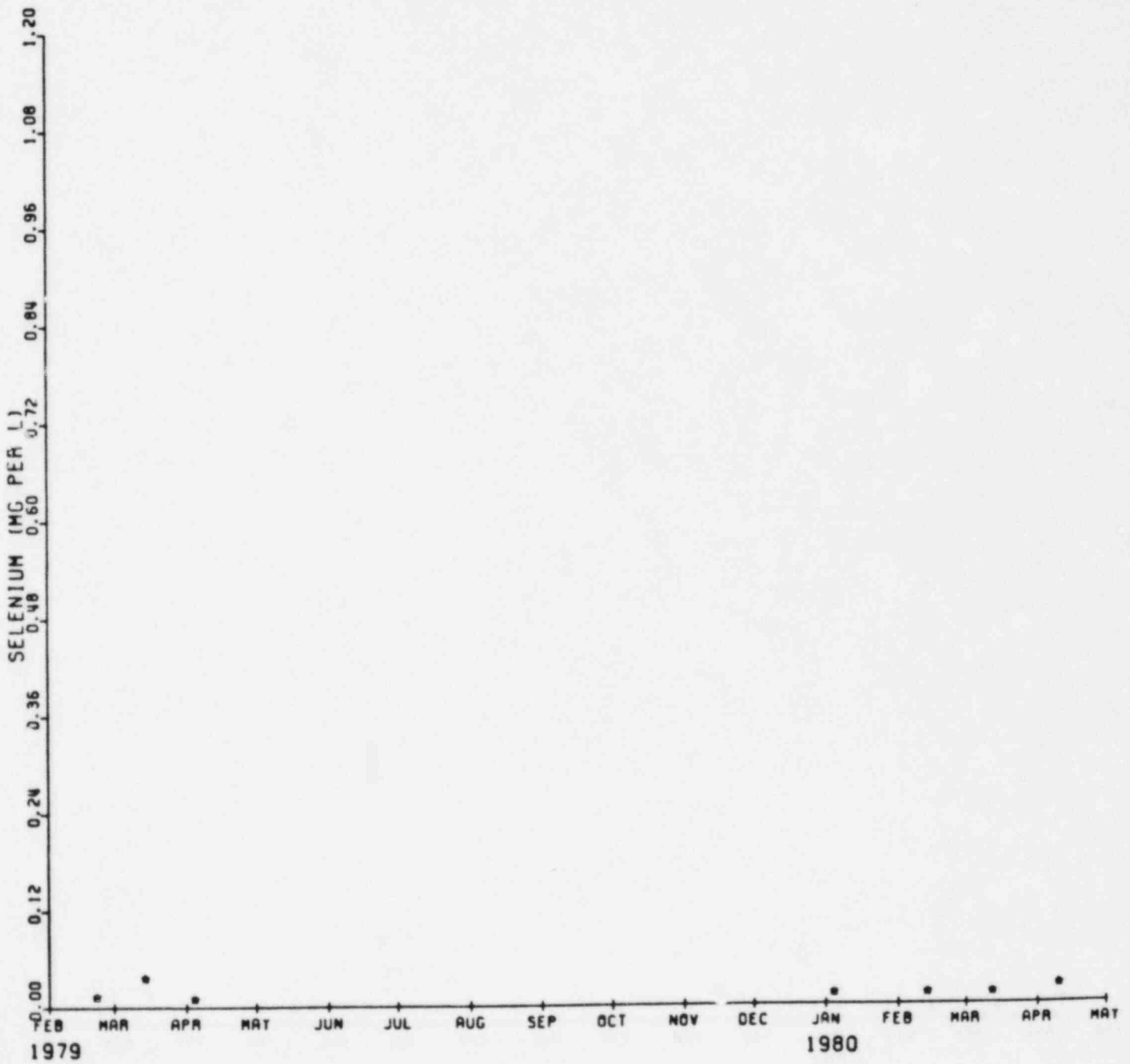


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL 00 7 (209)

SELENIUM VS TIME
1979-1980

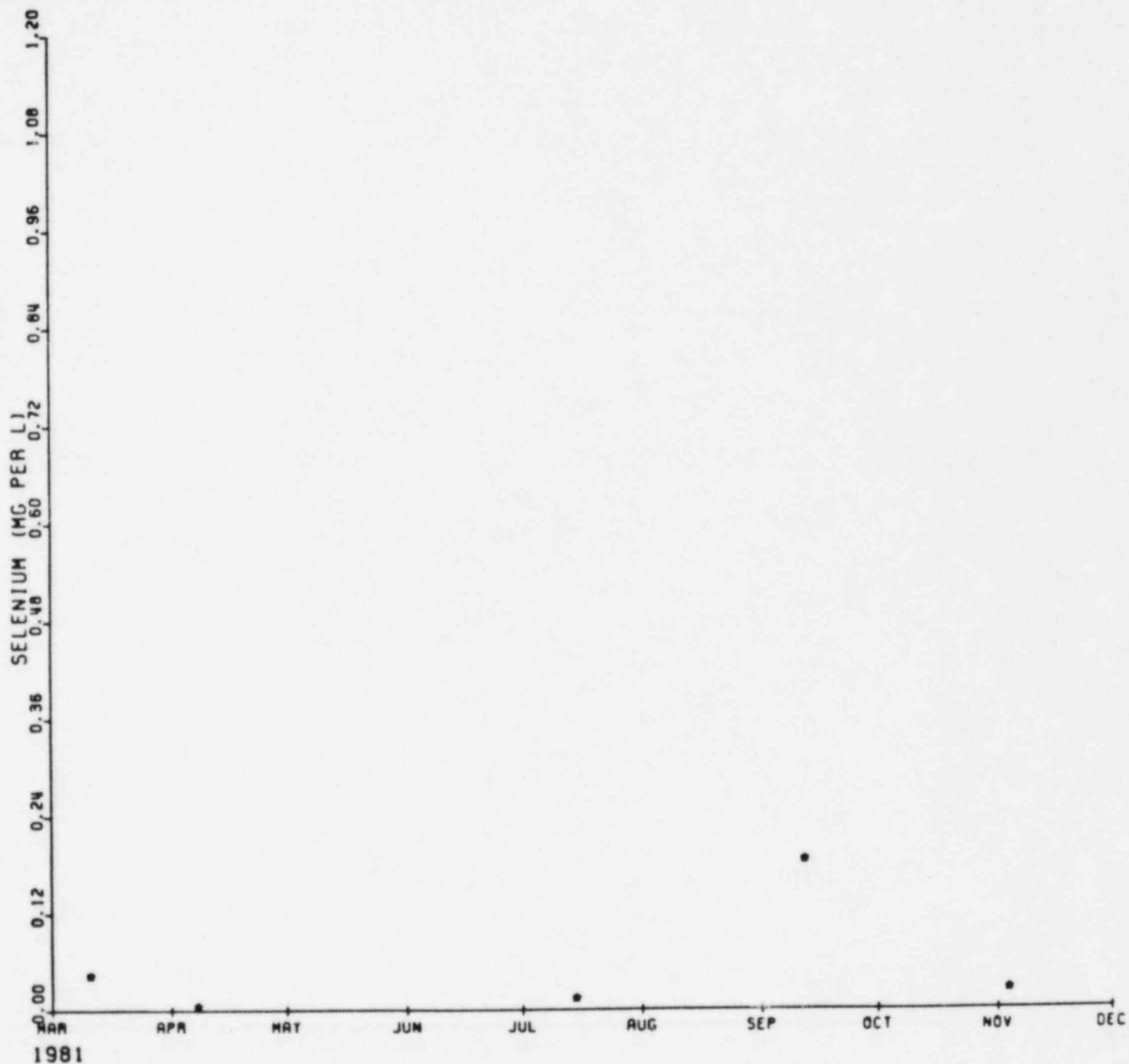


EXXON MINERALS COMPANY

HIGHLAND URAMIUM OPERATIONS

SOLUTION WELL 00 7 (209)

SELENIUM VS TIME
1981-1982

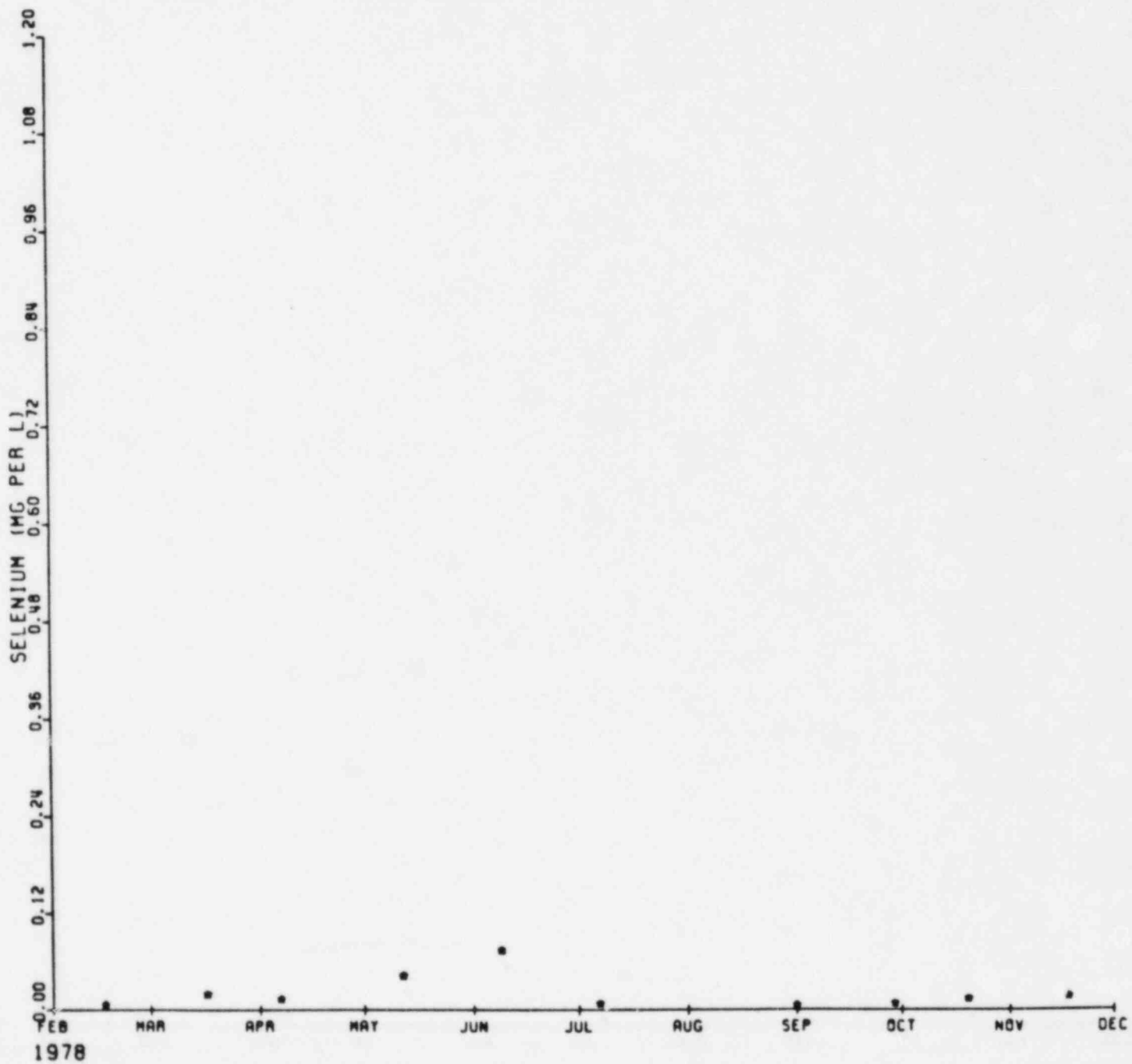


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 8 (210)

SELENIUM VS TIME
1977-1978

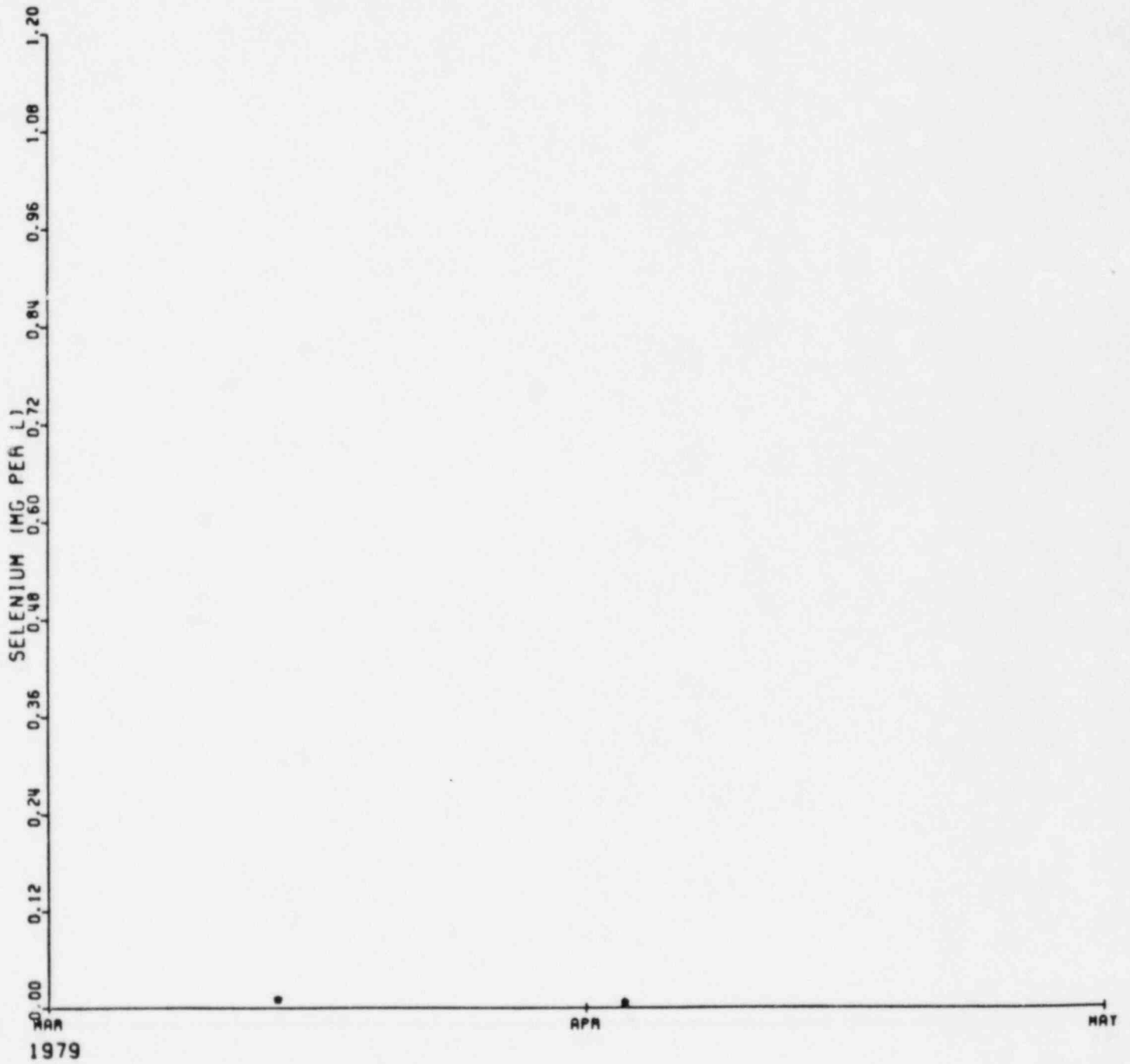


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 8 (210)

SELENIUM VS TIME
1979-1980

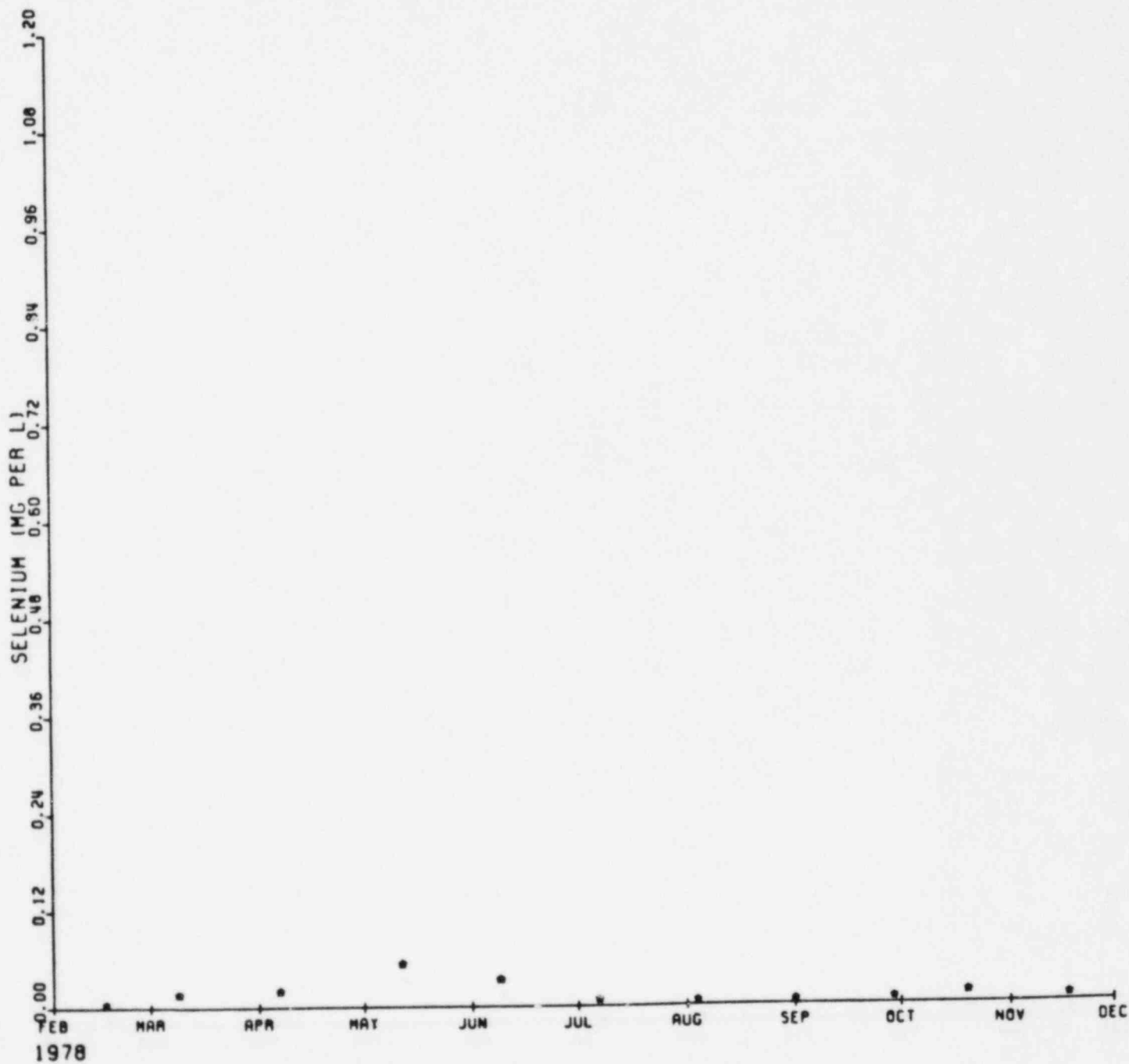


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 9 (211)

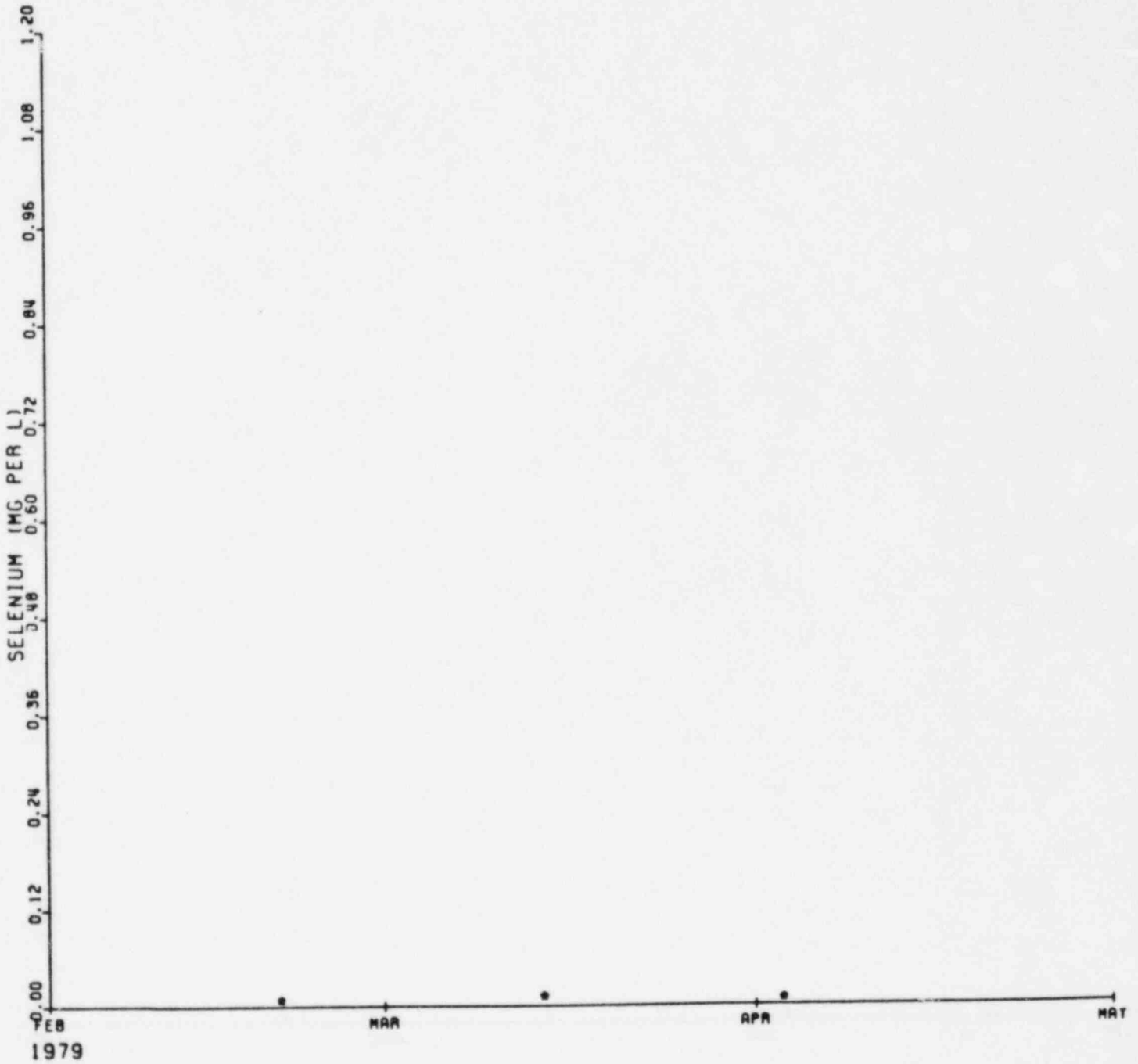
SELENIUM VS TIME
1977-1978



EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 9 (211)
SELENIUM VS TIME
1979-1980



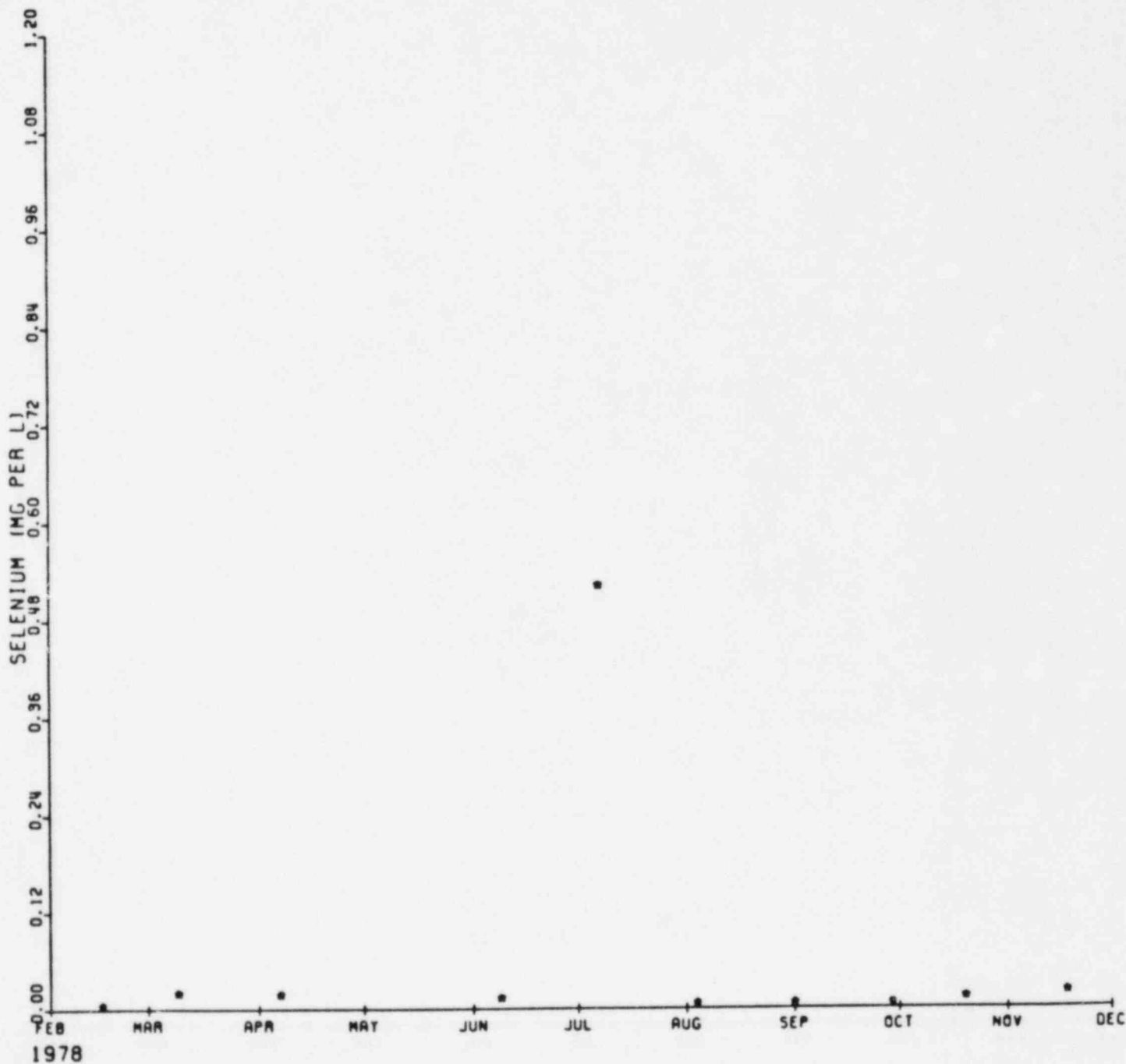
EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 0010 (212)

SELENIUM VS TIME

1977-1978

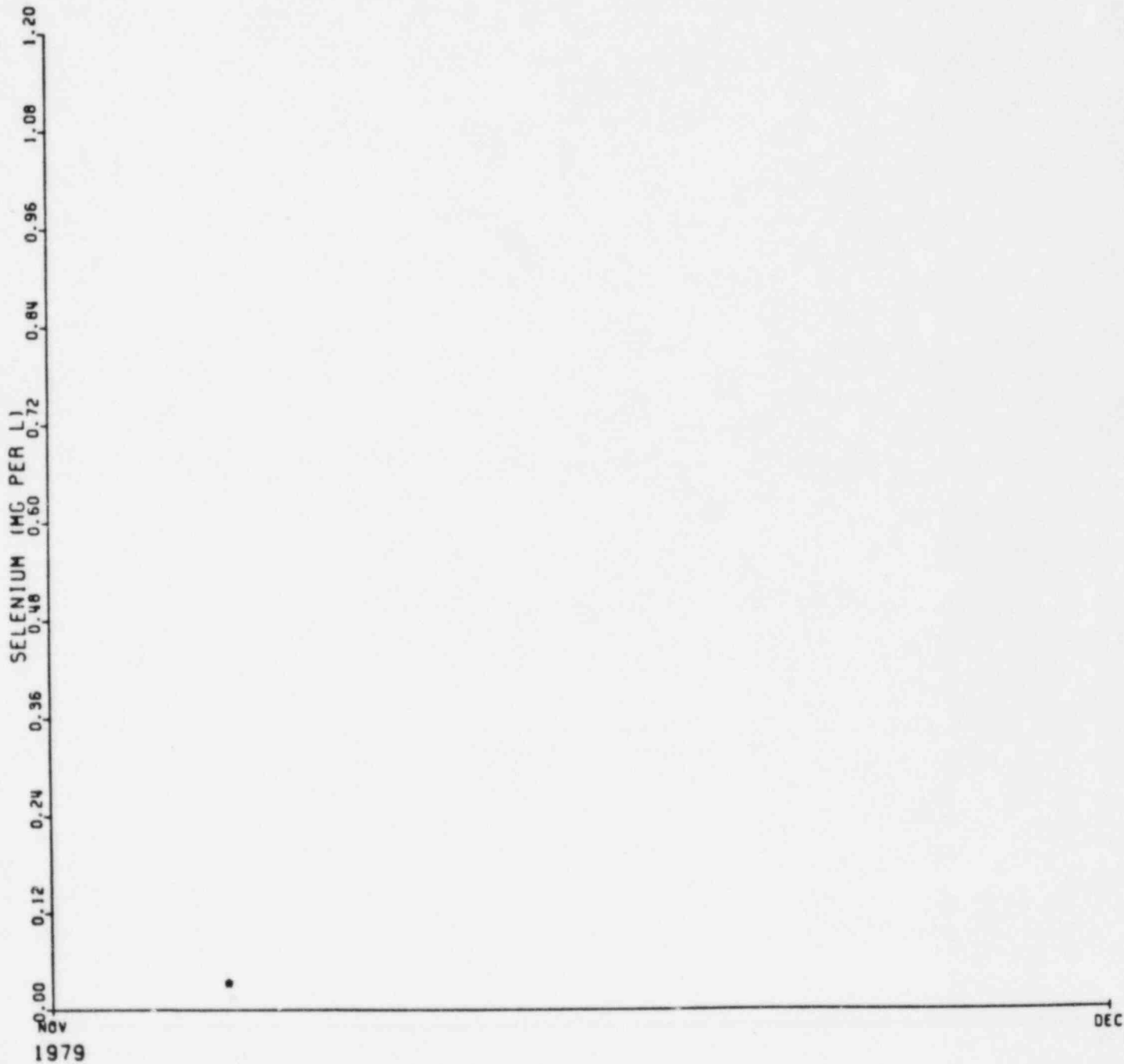


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 0010 (212)

SELENIUM VS TIME
1979-1980

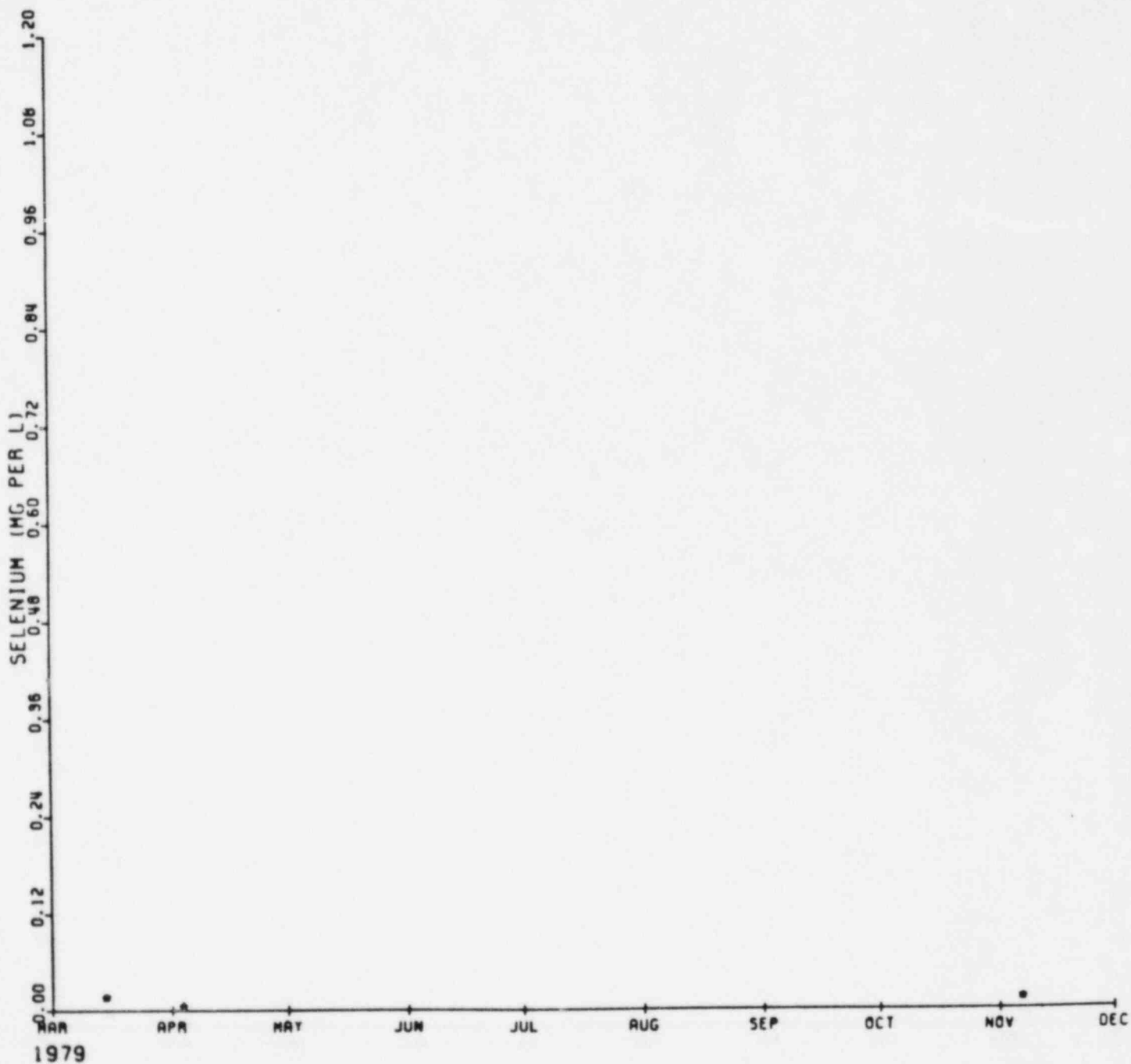


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 0011 (213)

SELENIUM VS TIME
1979-1980

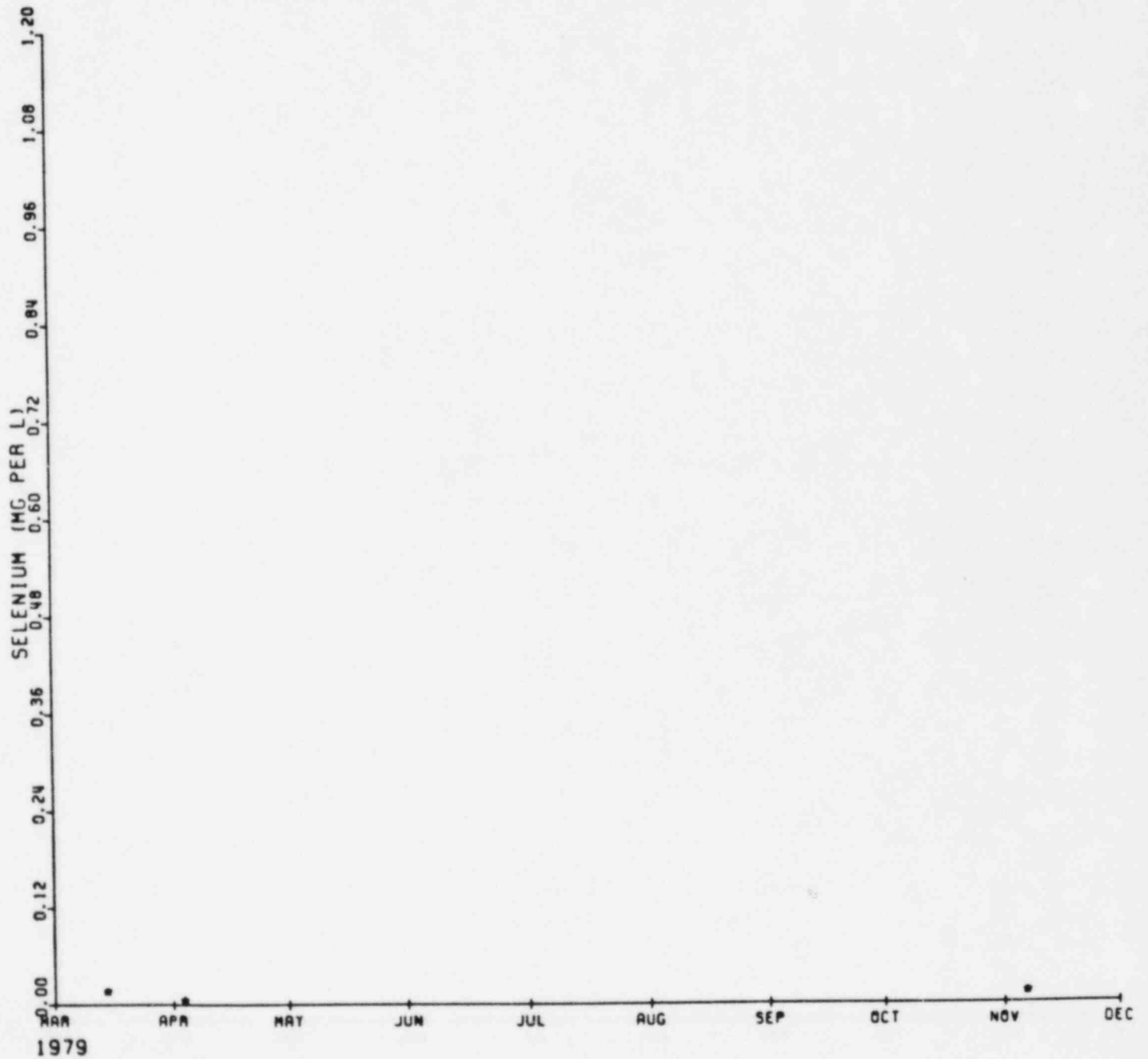


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 0011 (213)

SELENIUM VS TIME
1979-1980

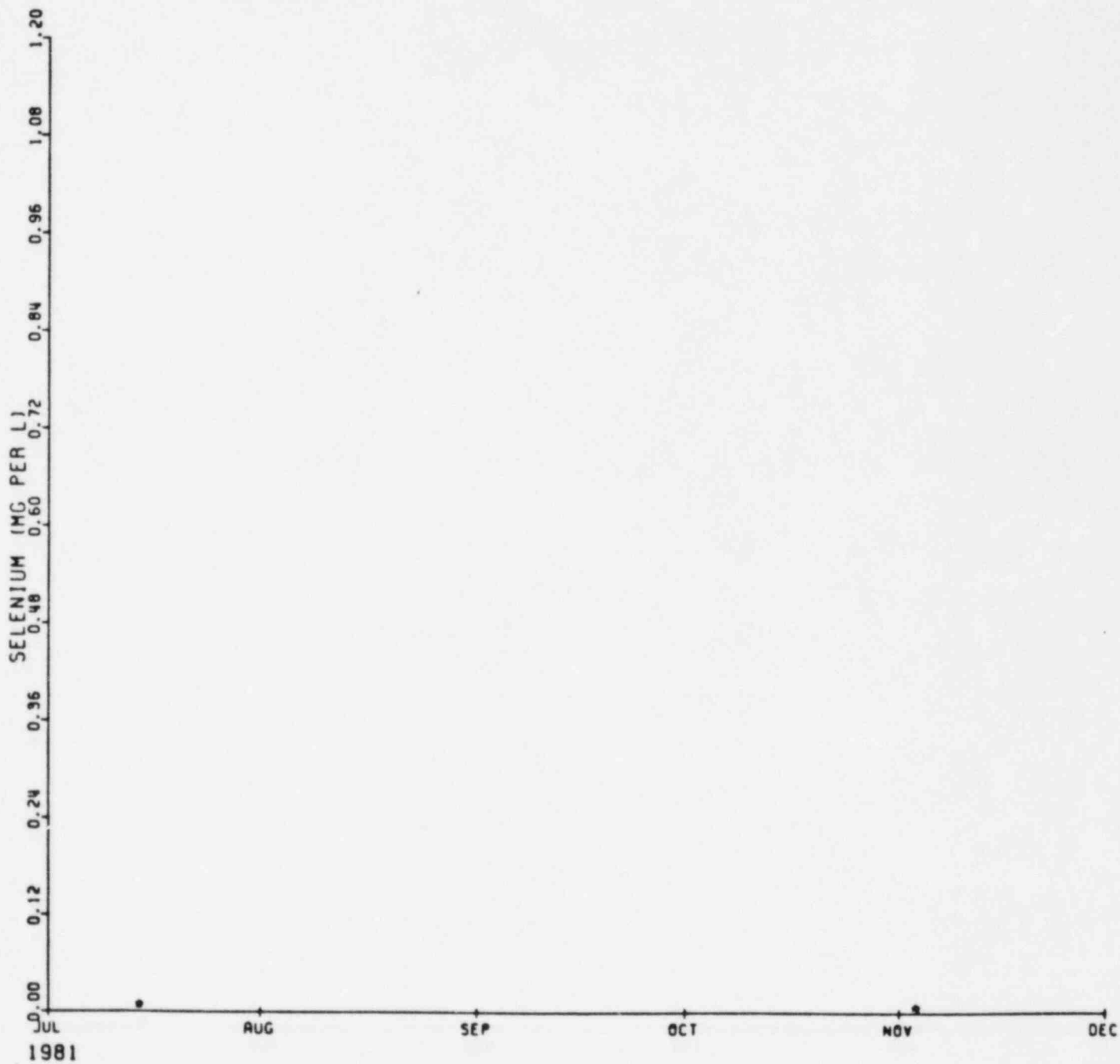


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 0011 (213)

SELENIUM VS TIME
1981-1982

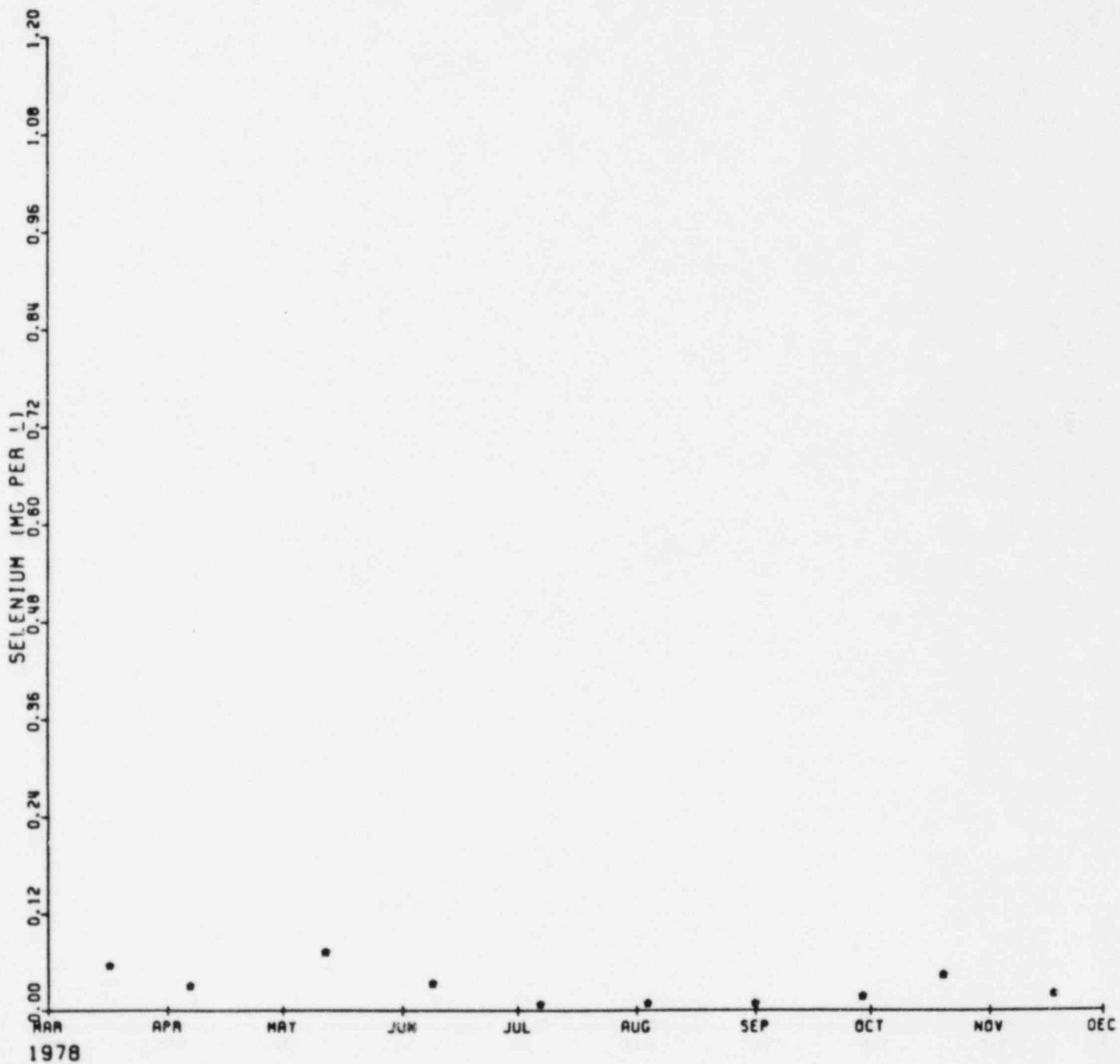


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 0012 (214)

SELENIUM VS TIME
1977-1978

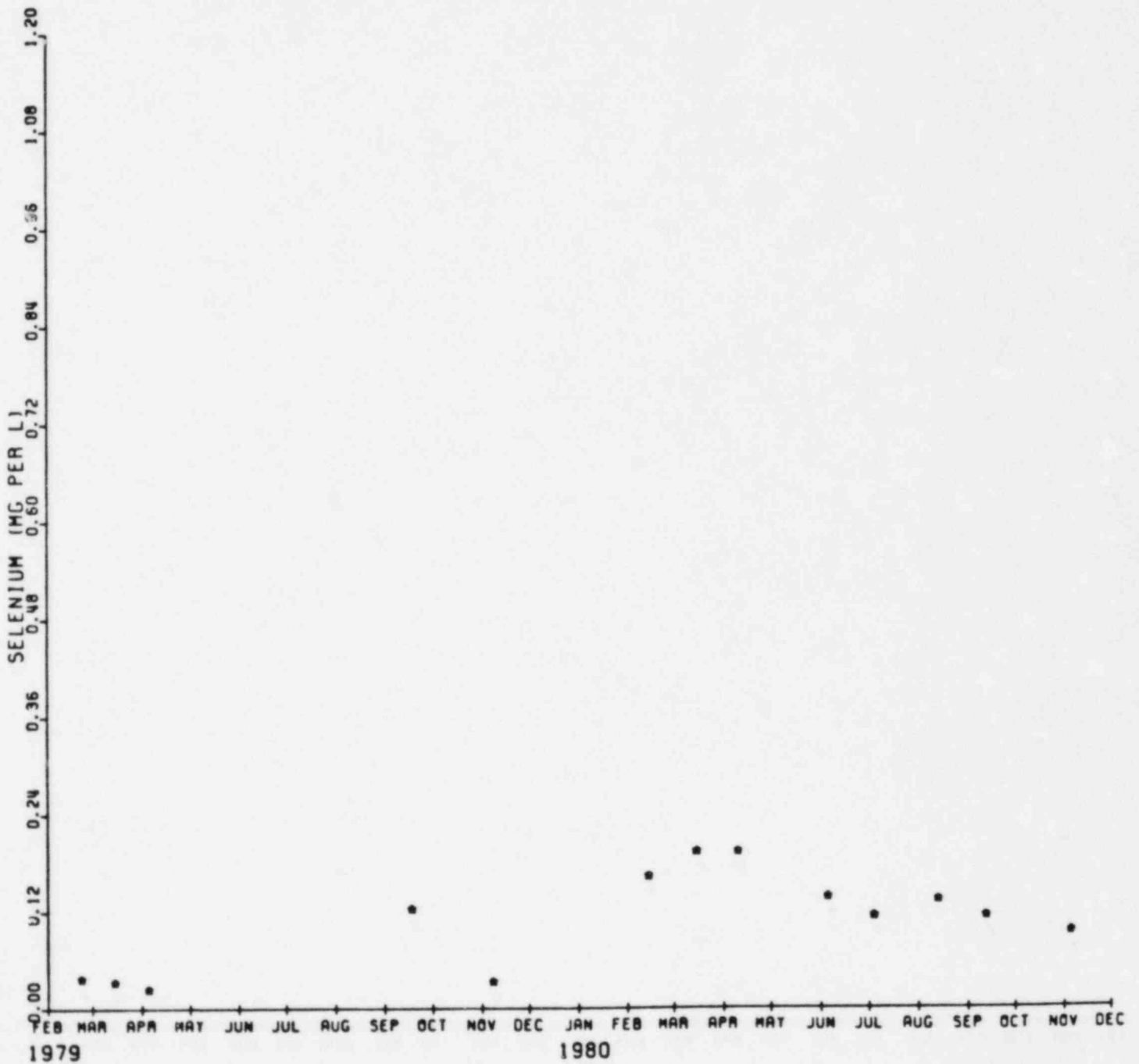


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 0012 (214)

SELENIUM VS TIME
1979-1980

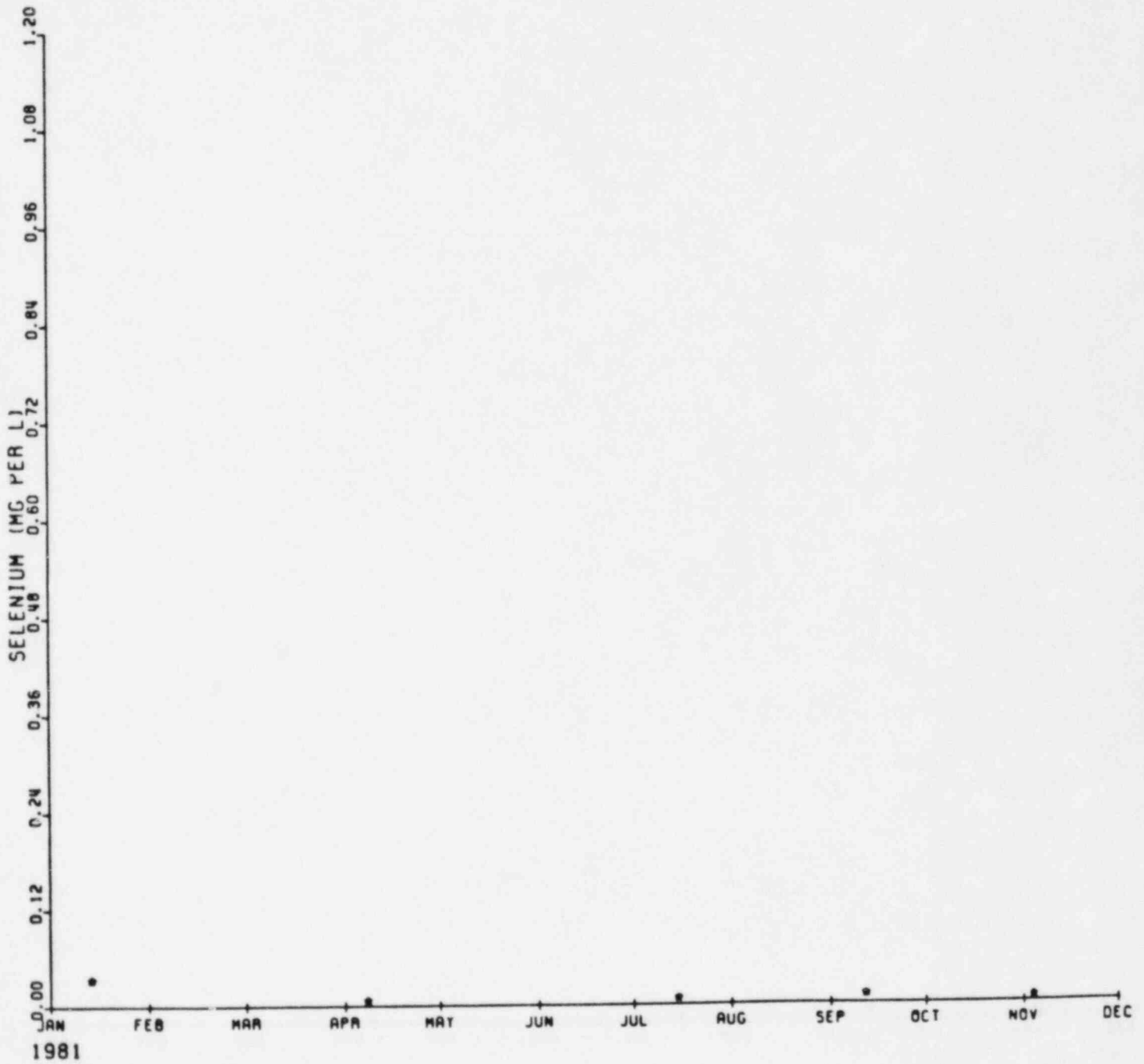


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 0012 (214)

SELENIUM VS TIME
1981-1982

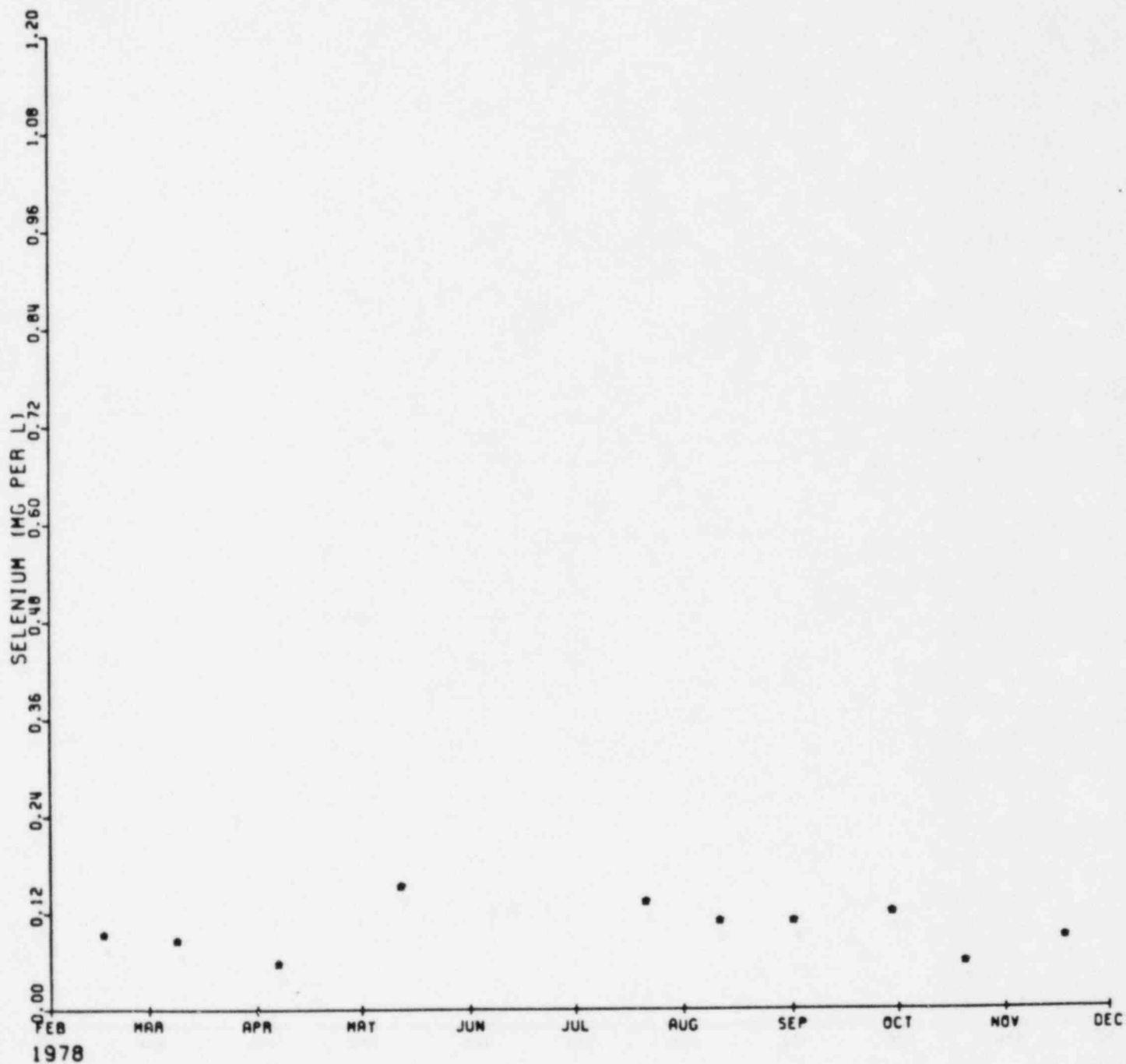


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP13 (207)

SELENIUM VS TIME
1977-1978

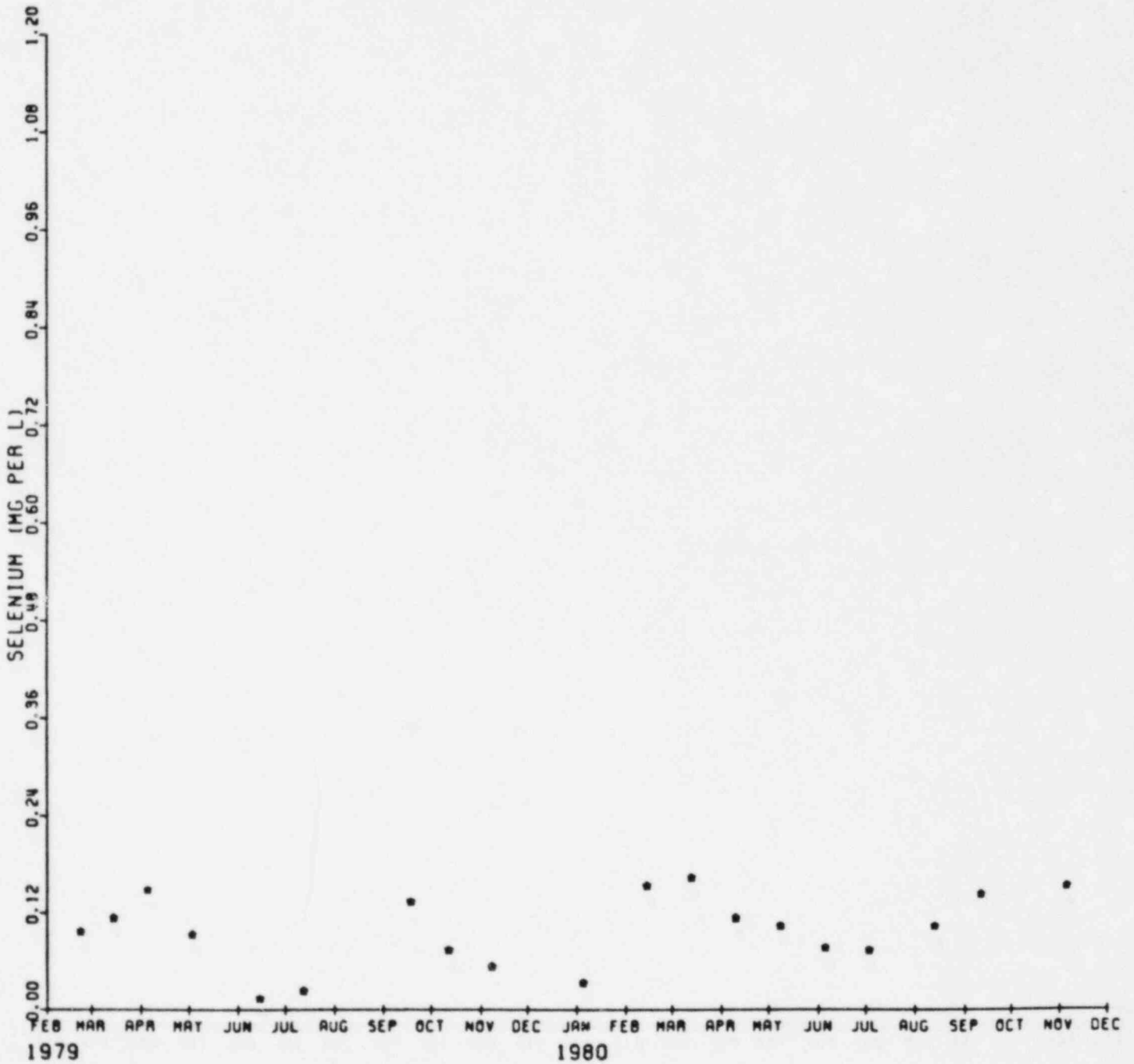


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP13 (207)

SELENIUM VS TIME
1979-1980

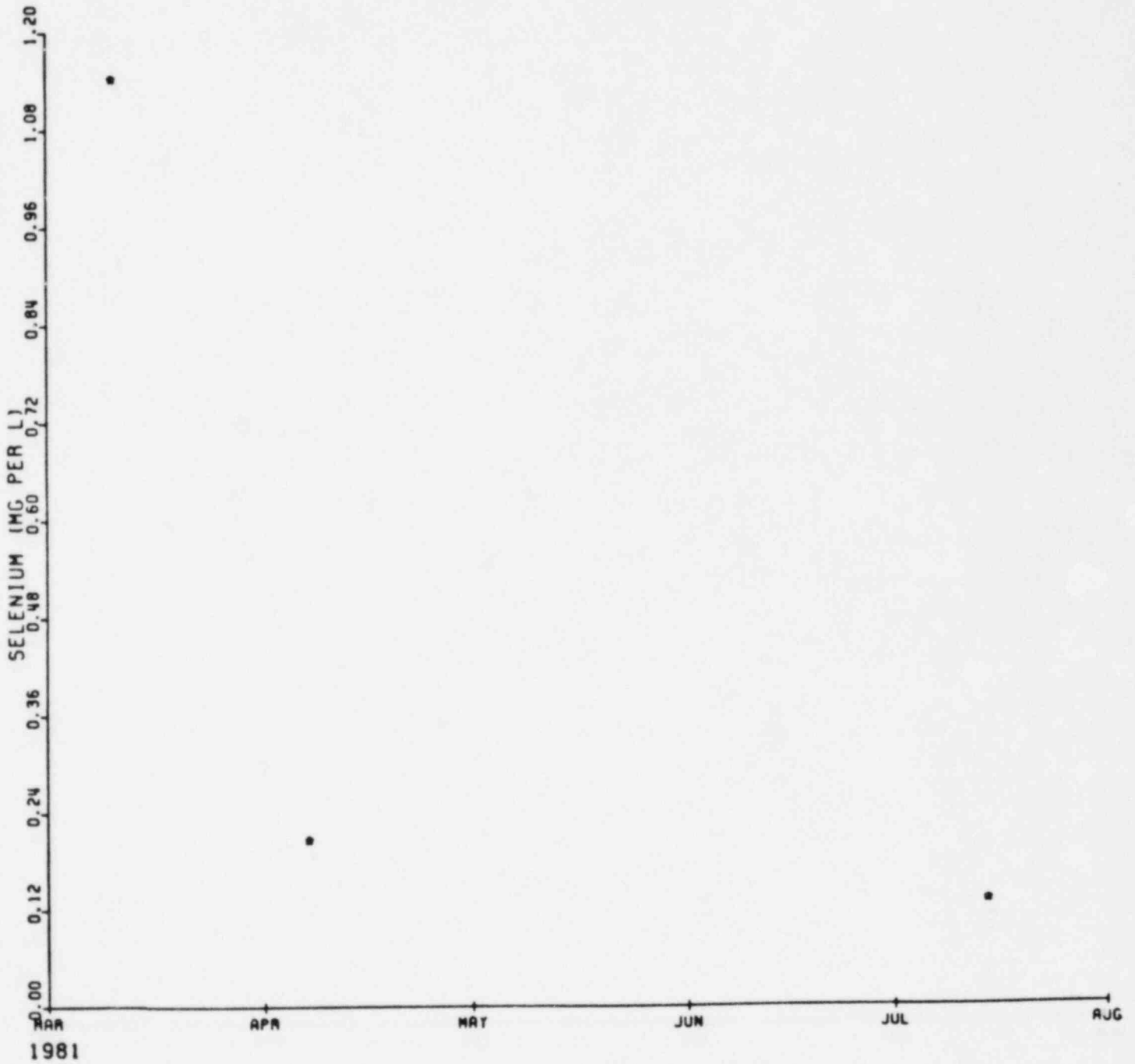


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP13 (207)

SELENIUM VS TIME
1981-1982

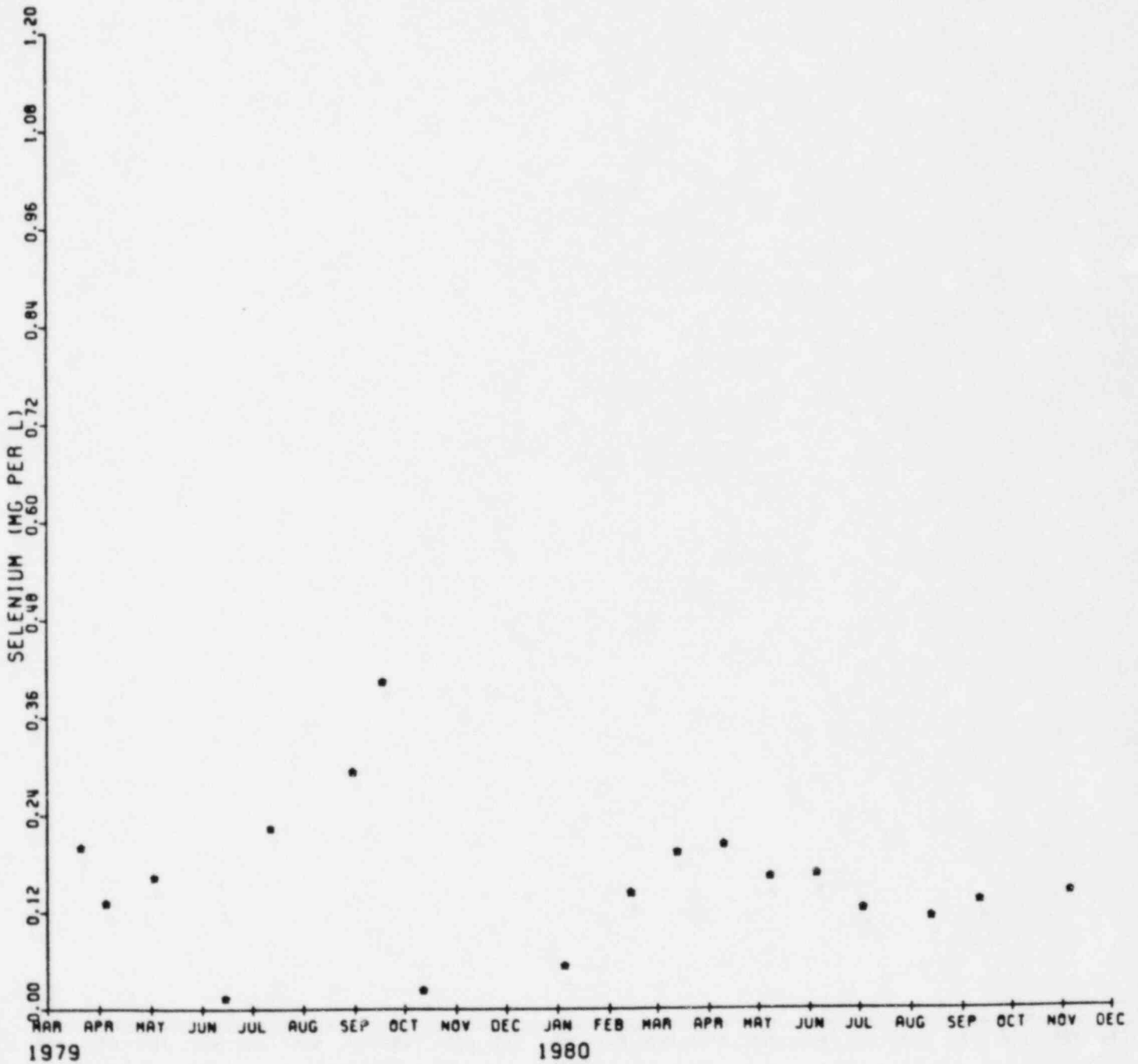


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP14 (208)

SELENIUM VS TIME
1979-1980

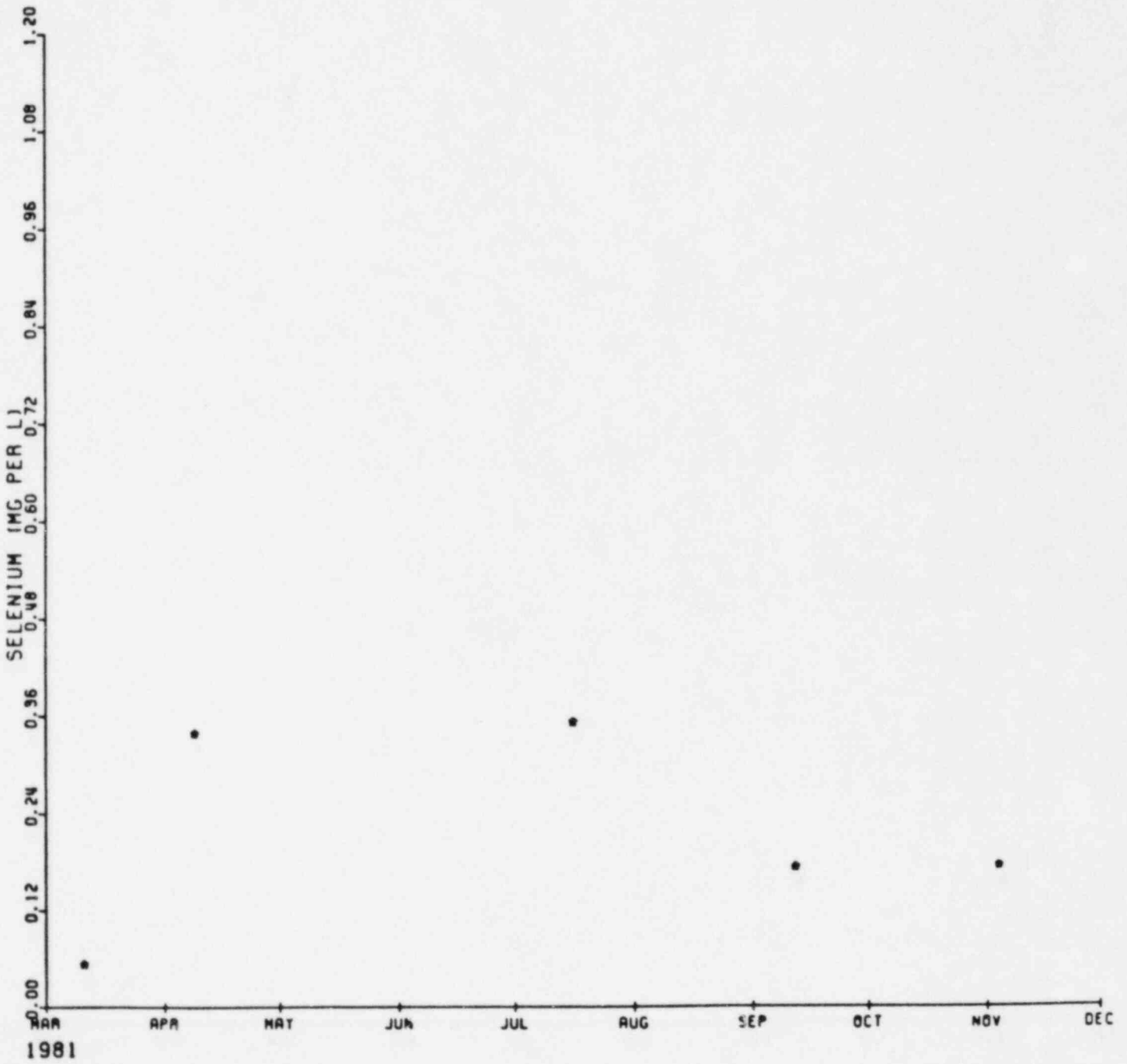


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP14 (208)

SELENIUM VS TIME
1981-1982

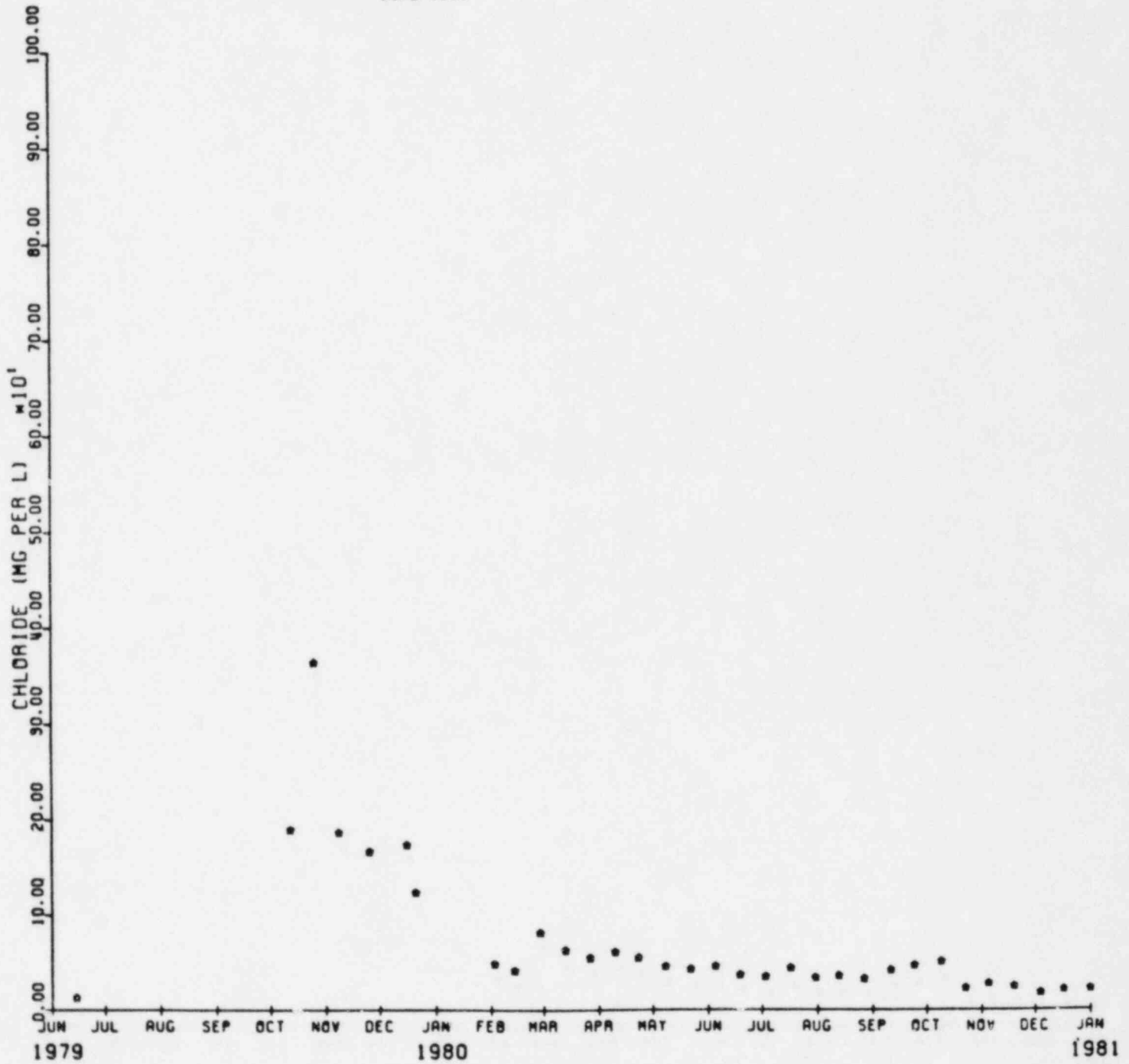


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP INJ (200)

CHLORIDE VS TIME
1979-1980

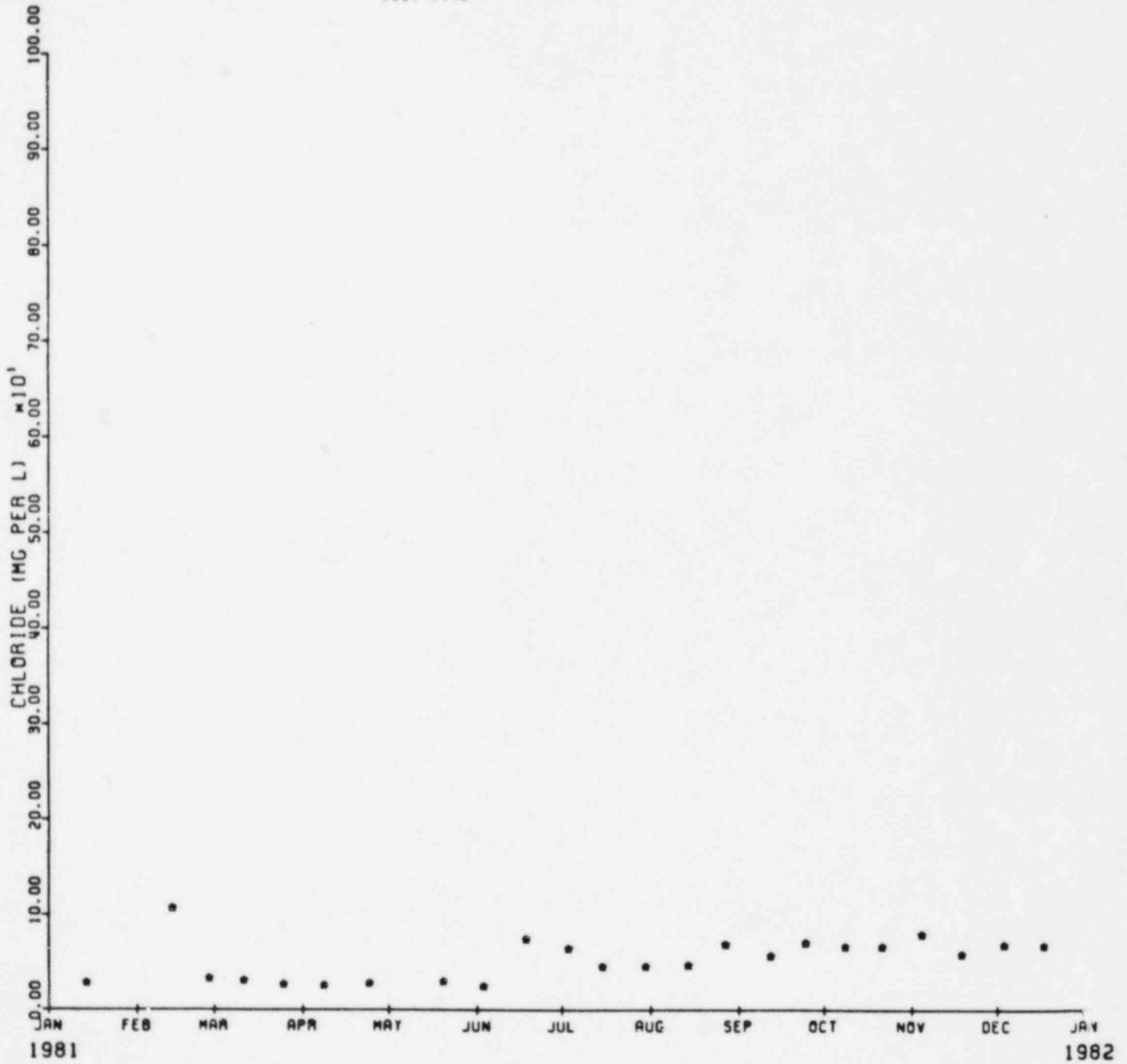


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP INJ (200)

CHLORIDE VS TIME
1981-1982

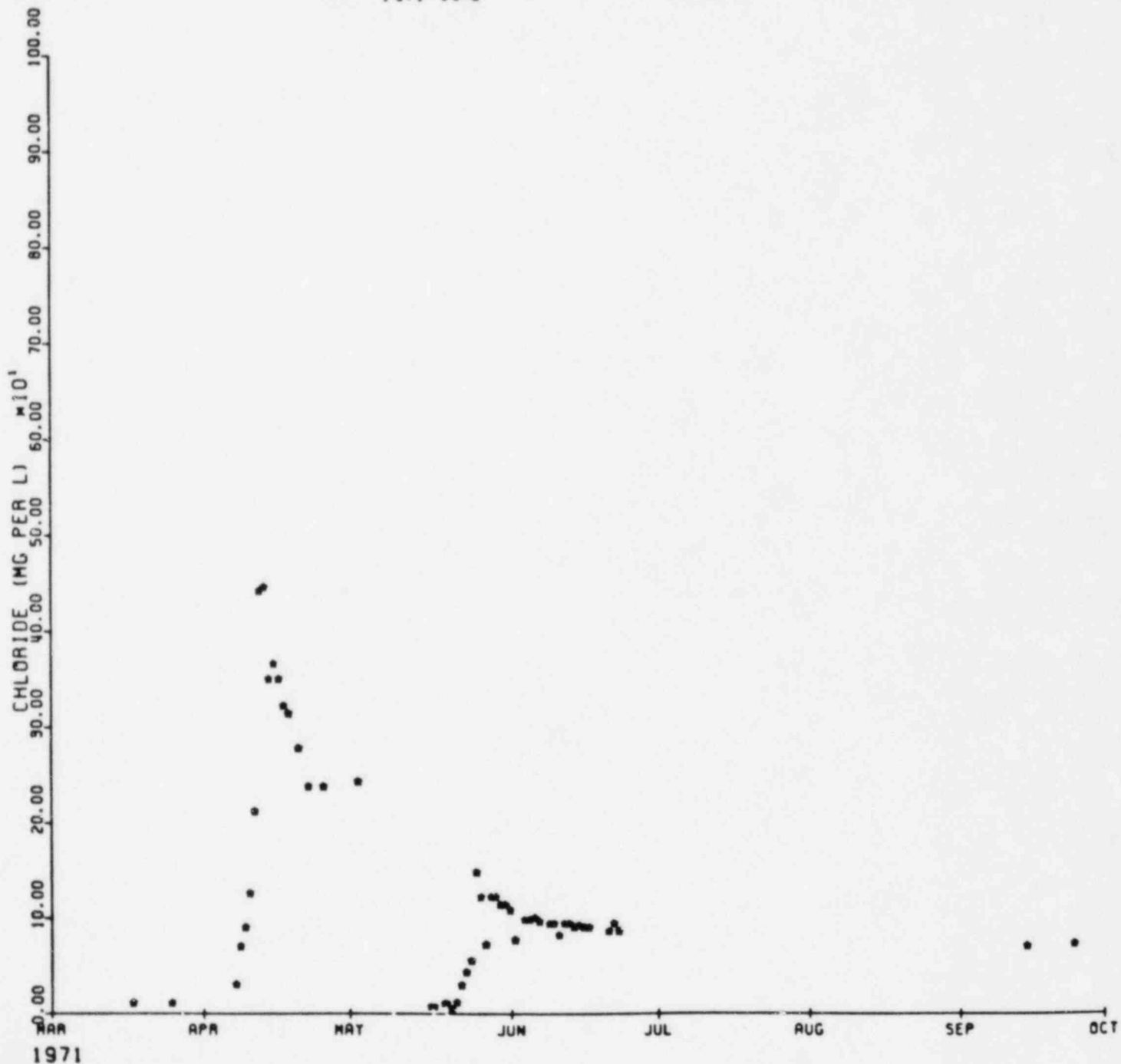


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP1 (201)

CHLORIDE VS TIME
1971-1972

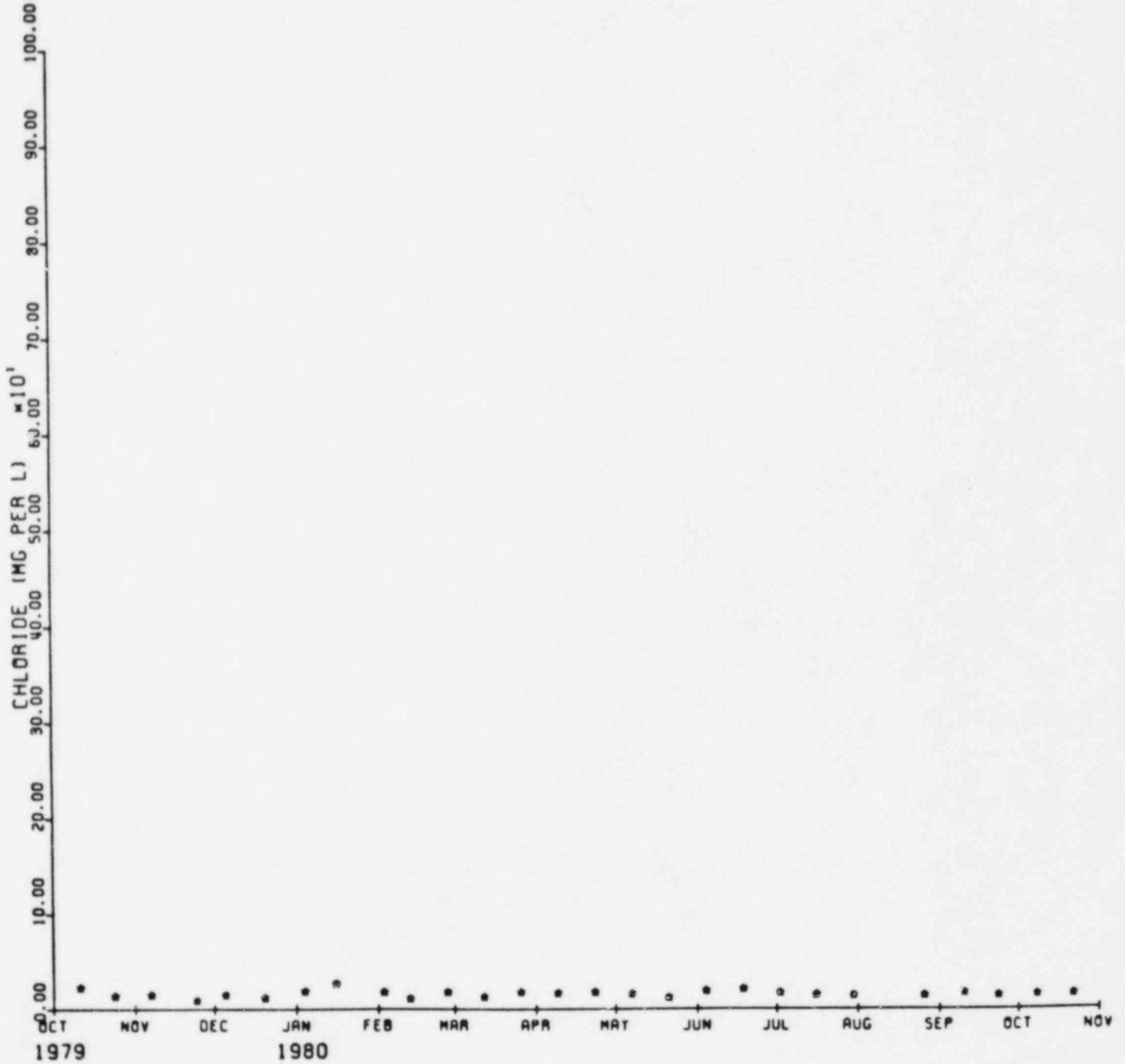


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP1 (201)

CHLORIDE VS TIME
1979-1980

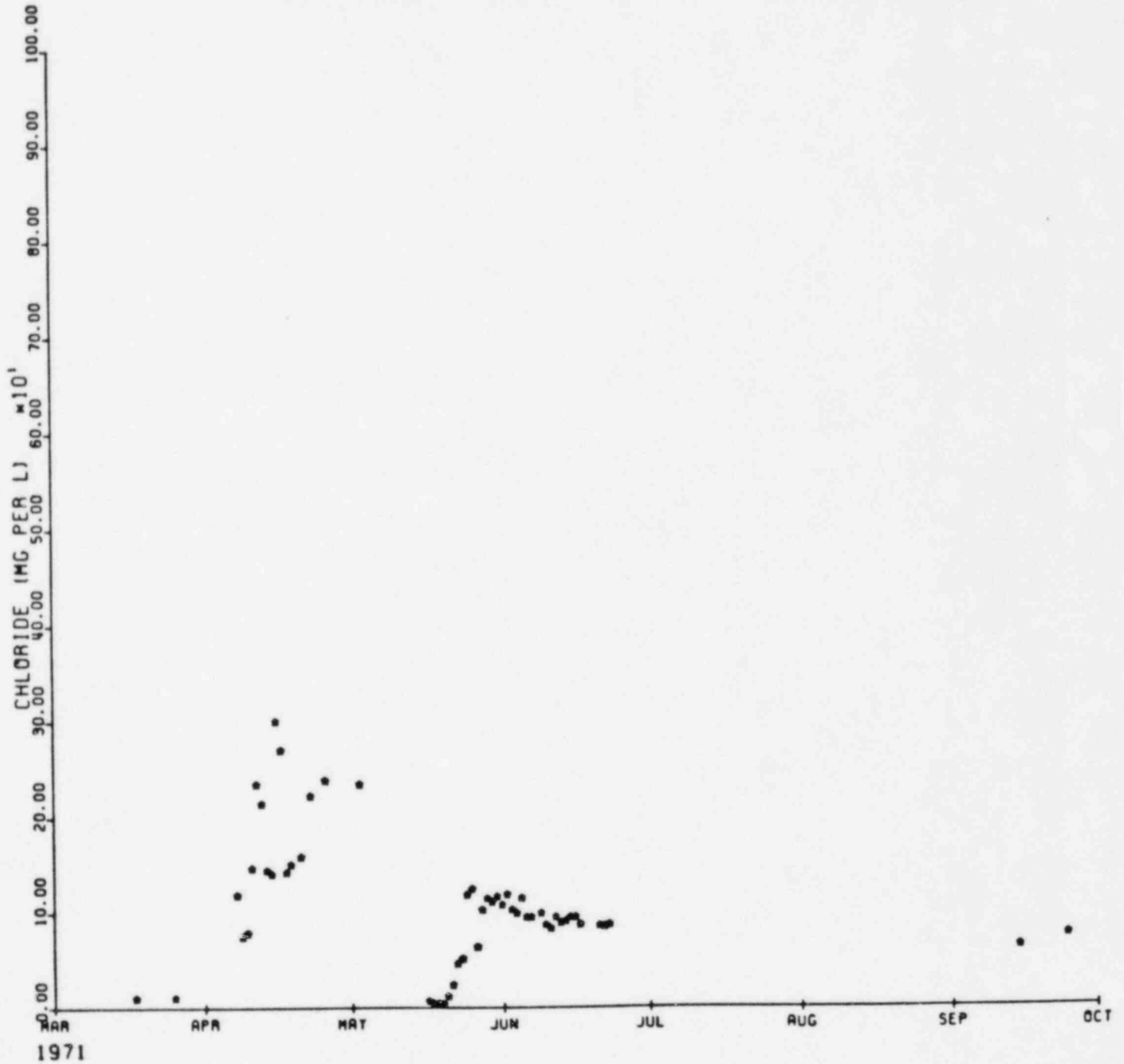


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP2 (202)

CHLORIDE VS TIME
1971-1972

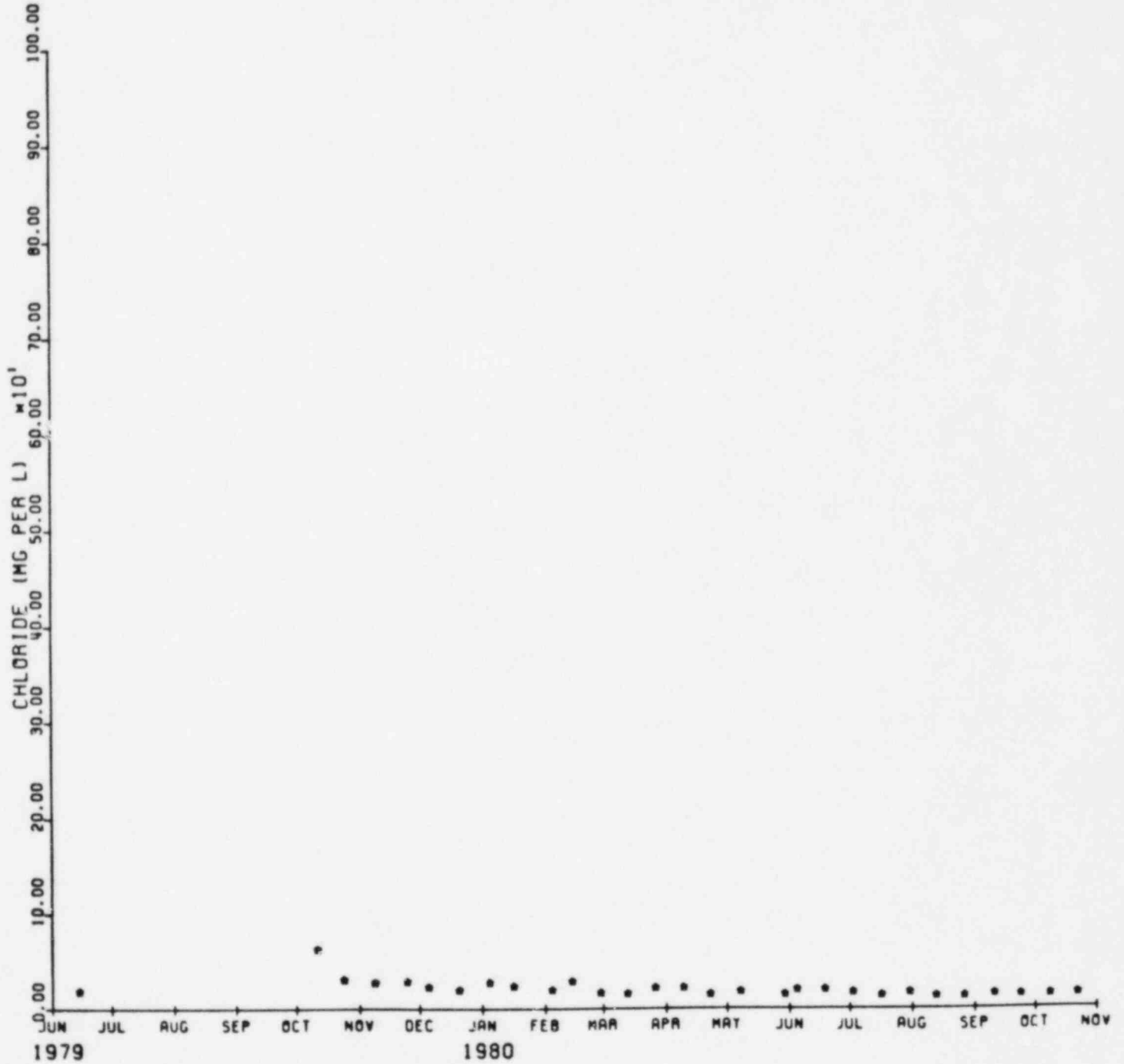


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP2 (202)

CHLORIDE VS TIME
1979-1980

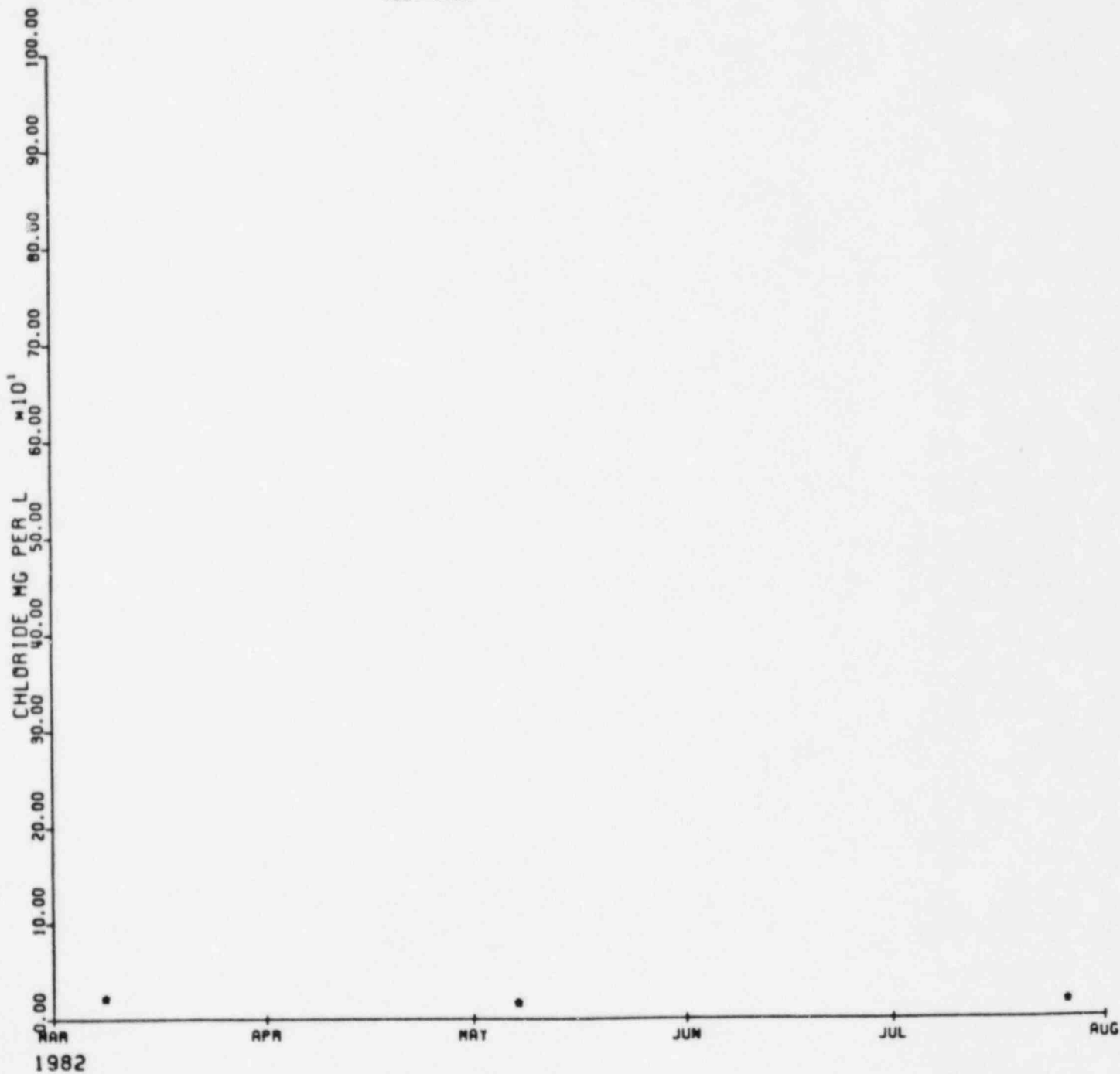


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP2 (202)

CHLORIDE VS TIME
1981-1982

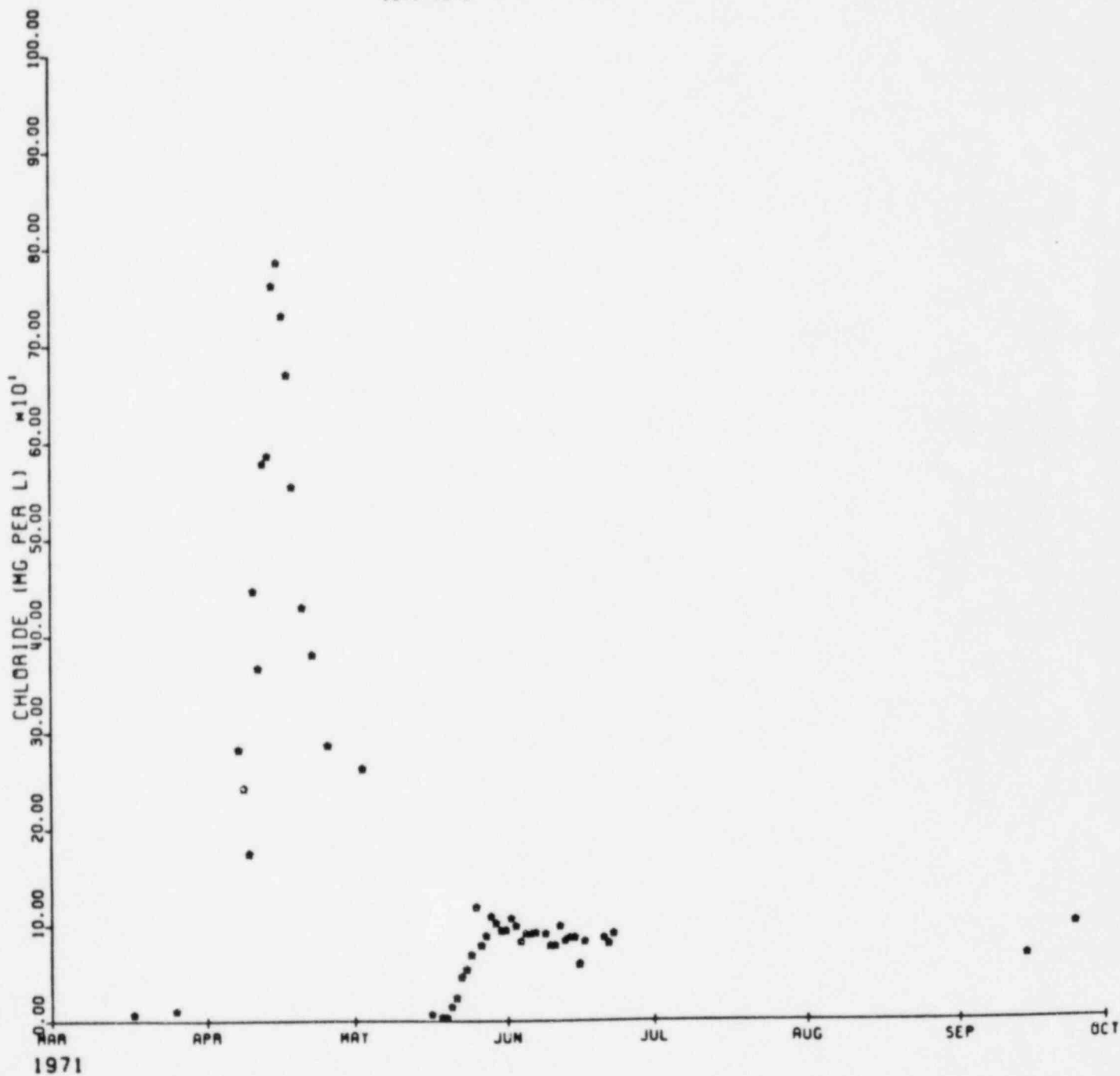


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP3 (203)

CHLORIDE VS TIME
1971-1972

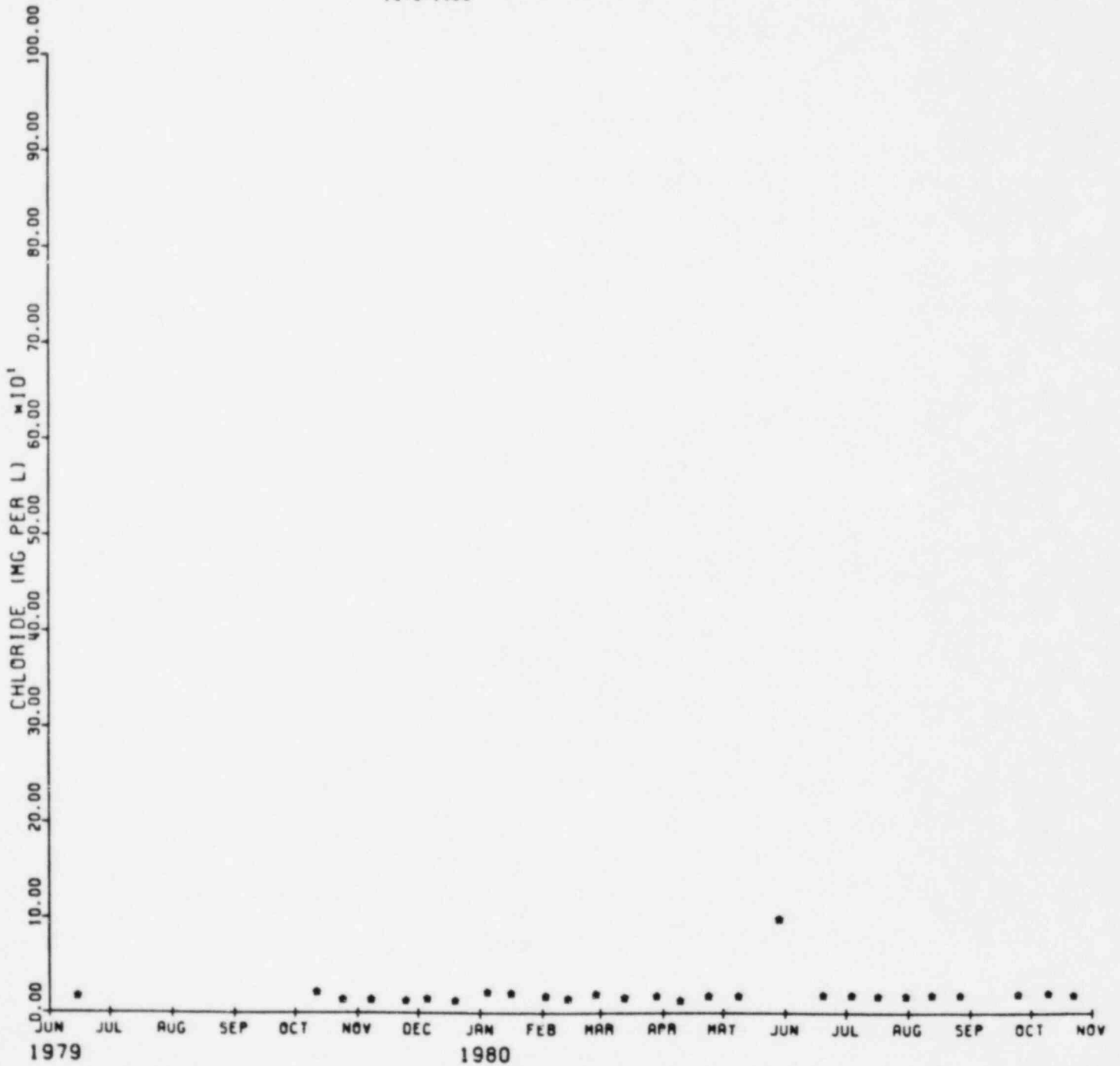


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP3 (203)

CHLORIDE VS TIME
1979-1980

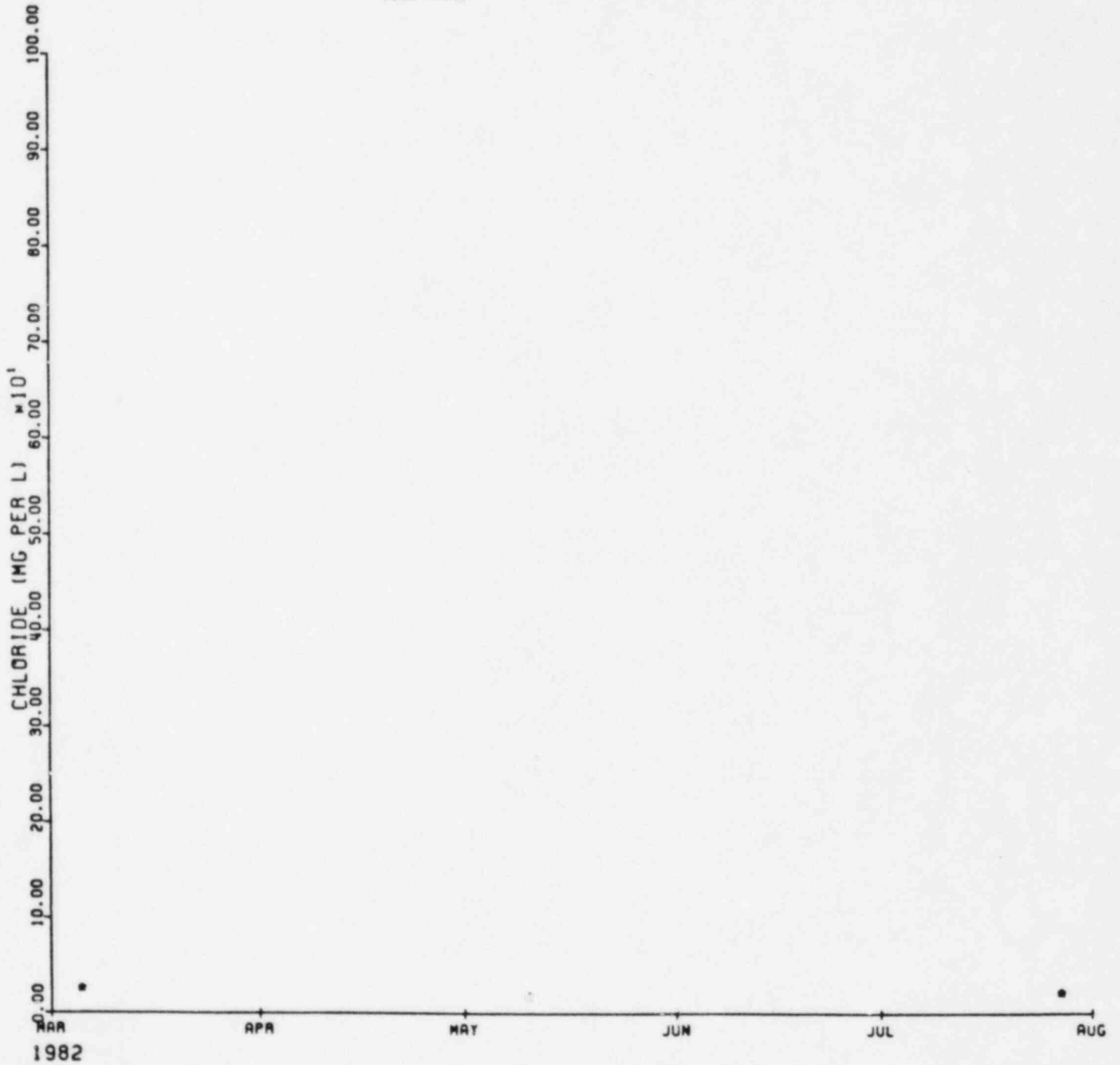


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP3 (203)

CHLORIDE VS TIME
1981-1982

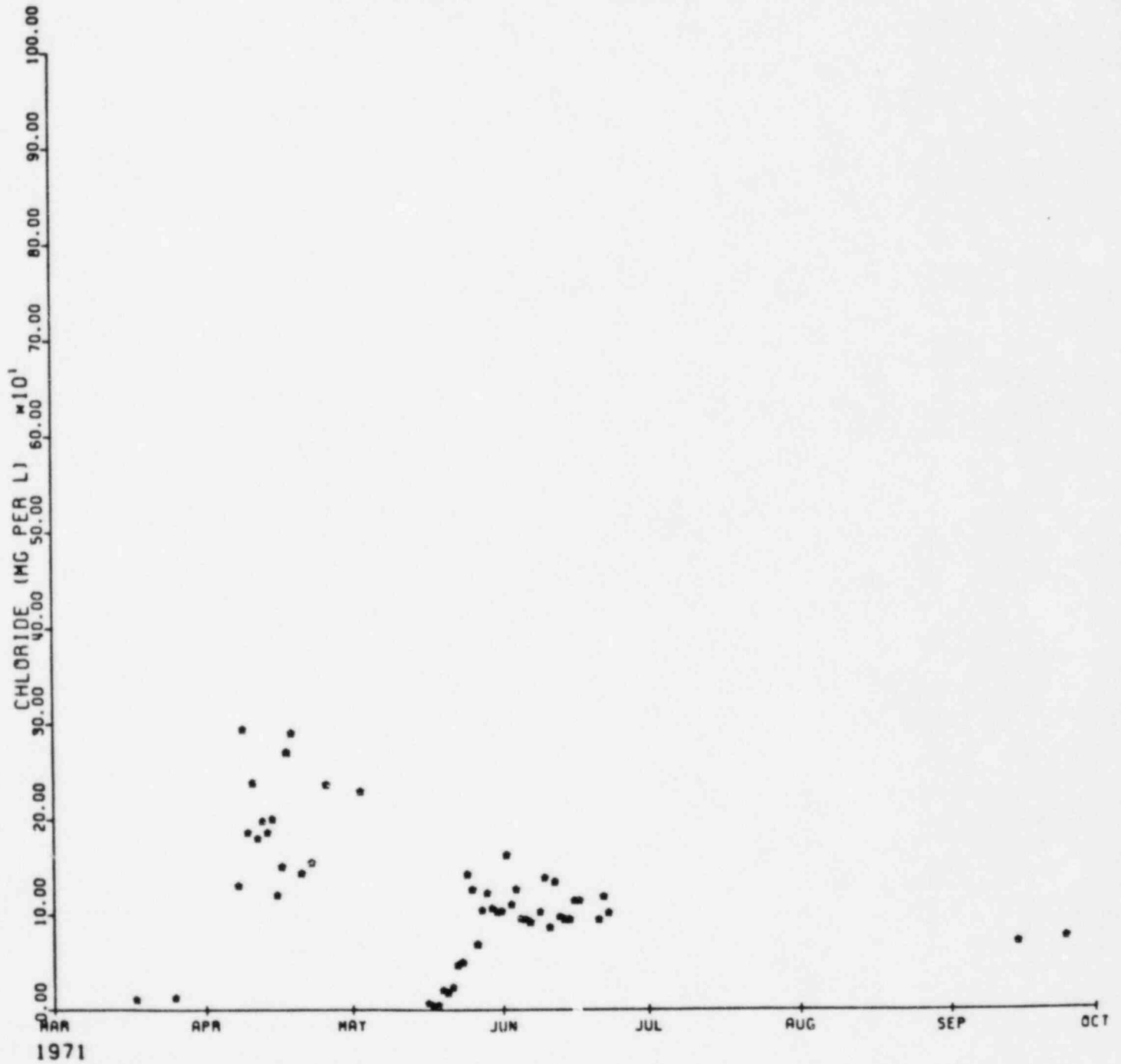


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP4 (204)

CHLORIDE VS TIME
1971-1972

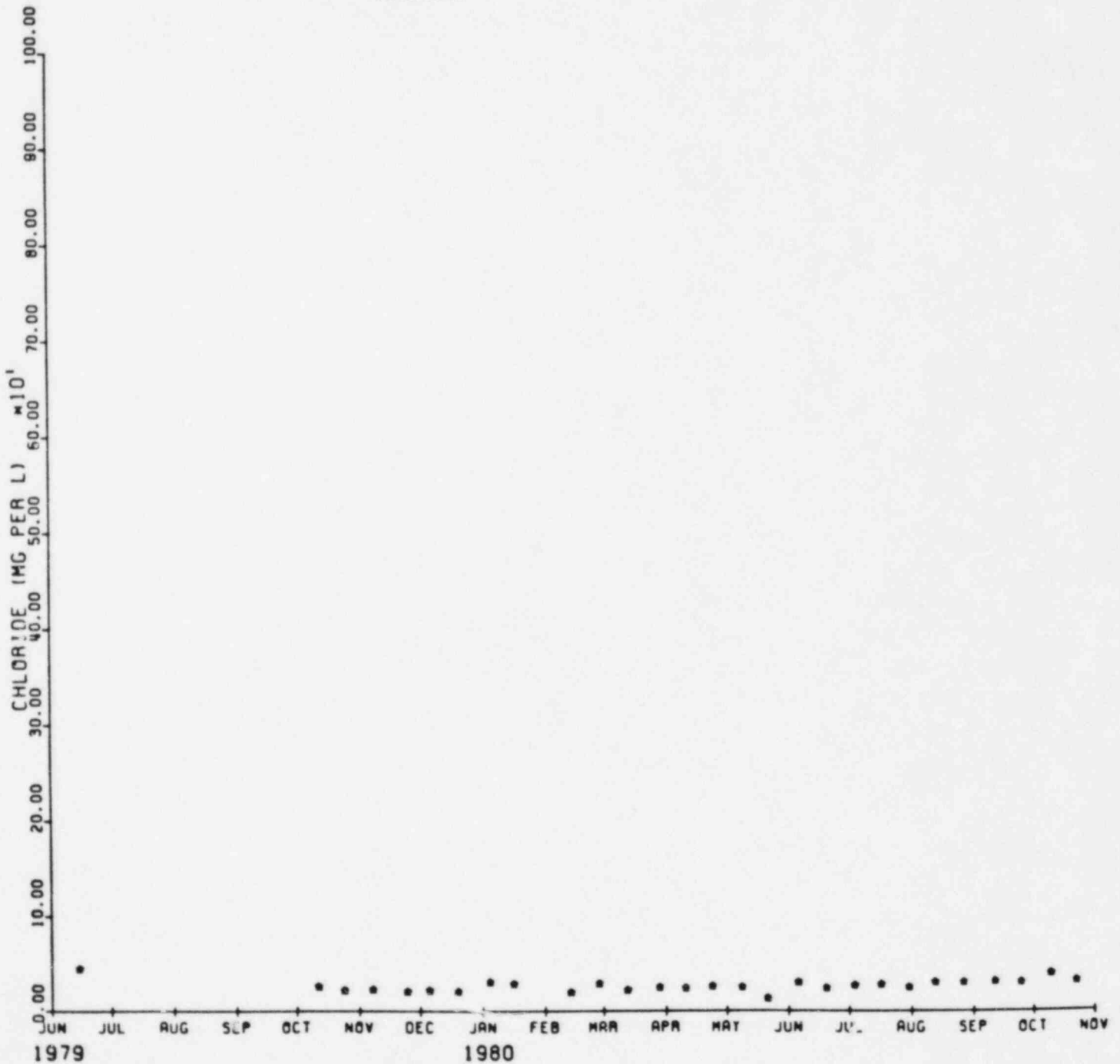


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL OP4 (204)

CHLORIDE VS TIME
1979, 1980

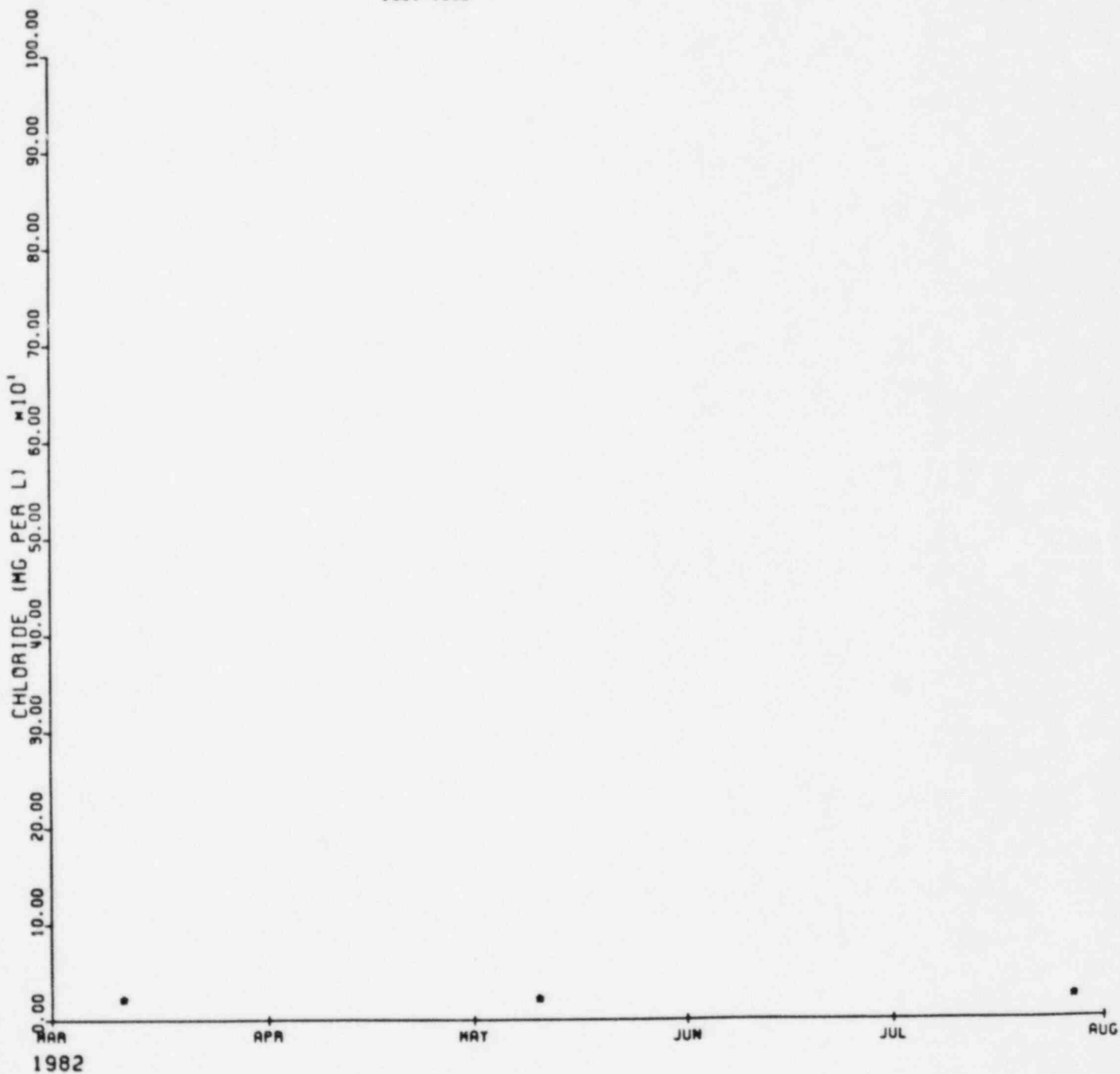


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL OP4 (204)

CHLORIDE VS TIME
1981-1982

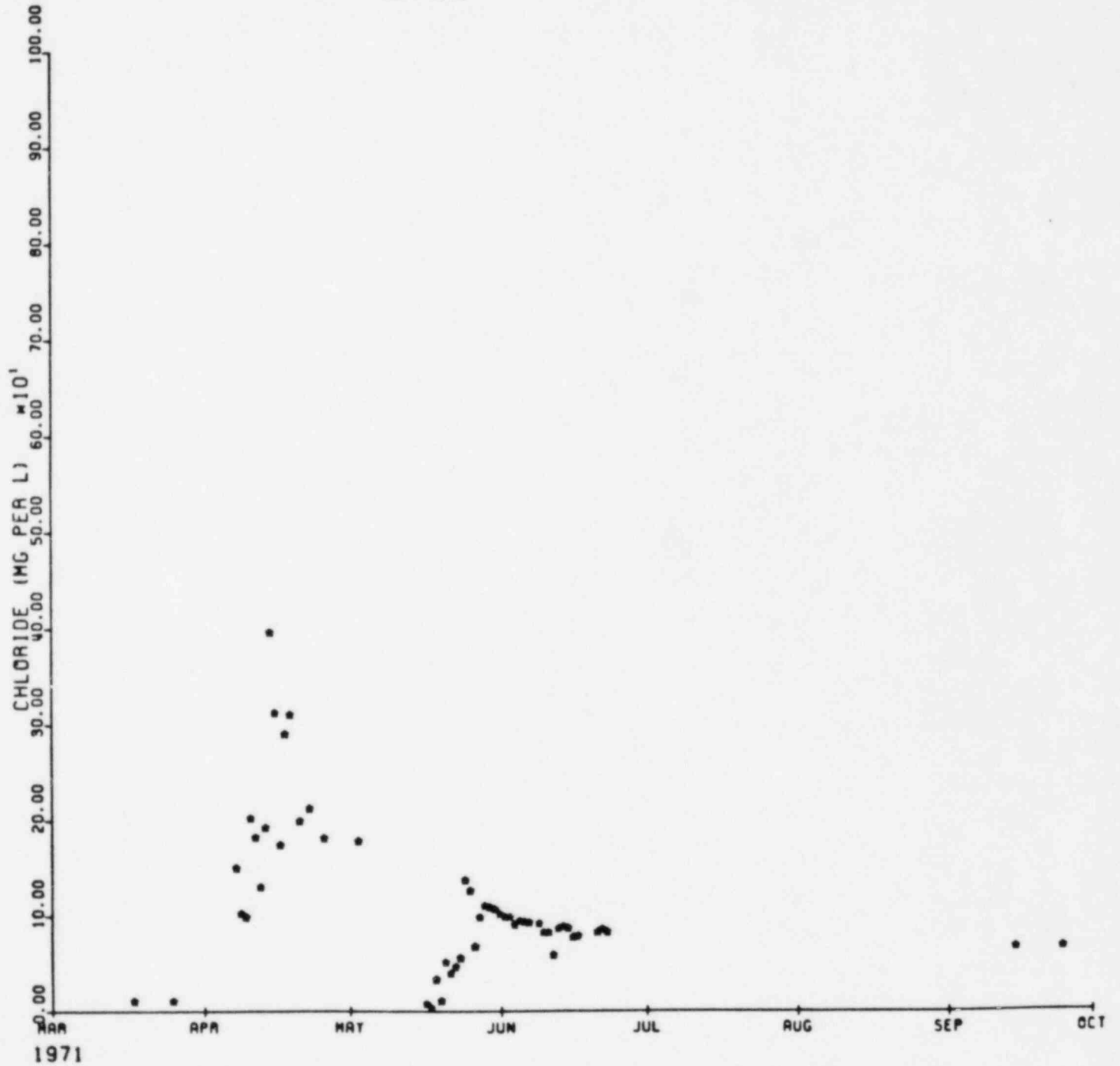


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OPS (205)

CHLORIDE VS TIME
1971-1972

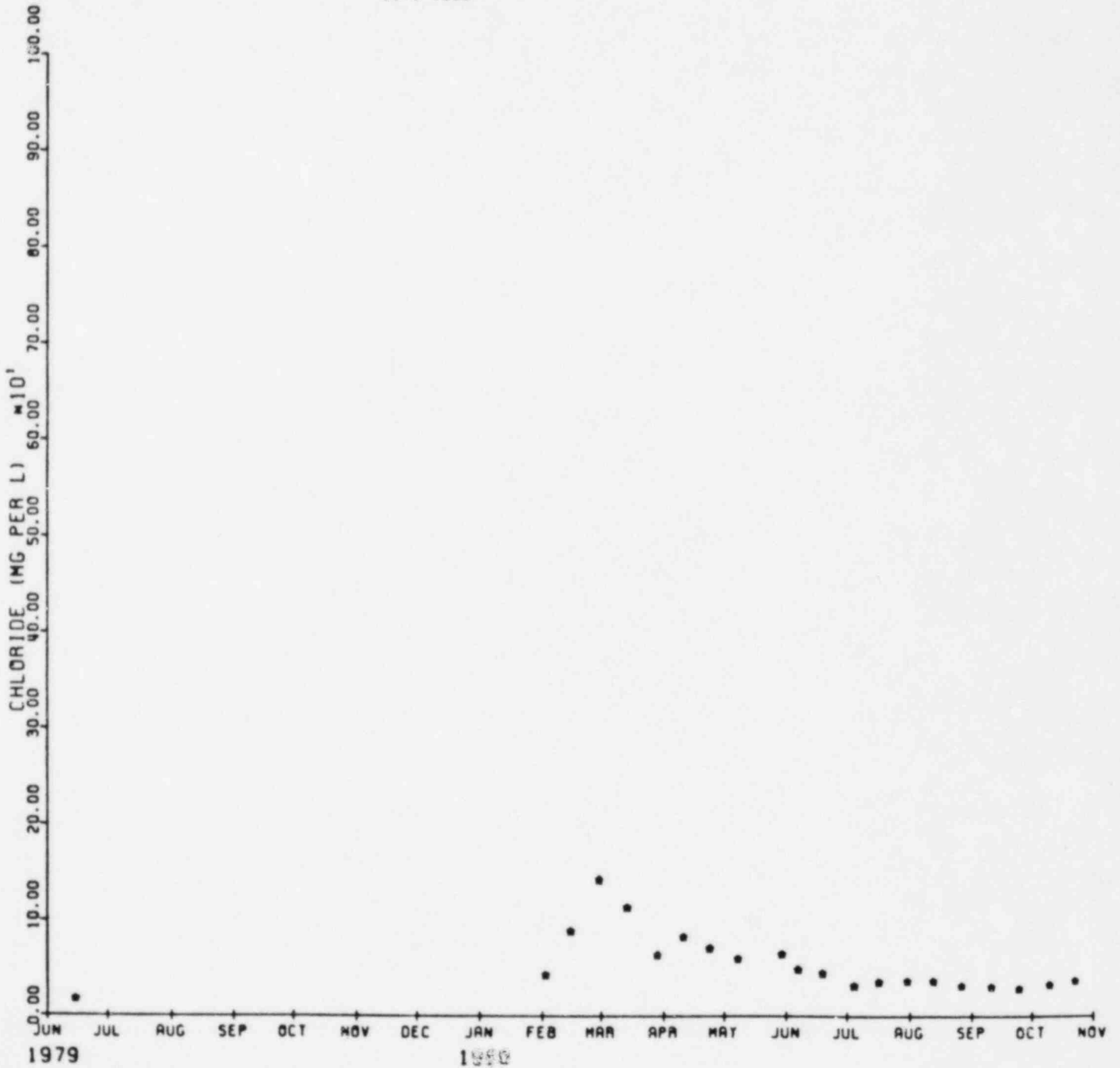


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL OPS (205)

CHLORIDE VS TIME
1979-1980

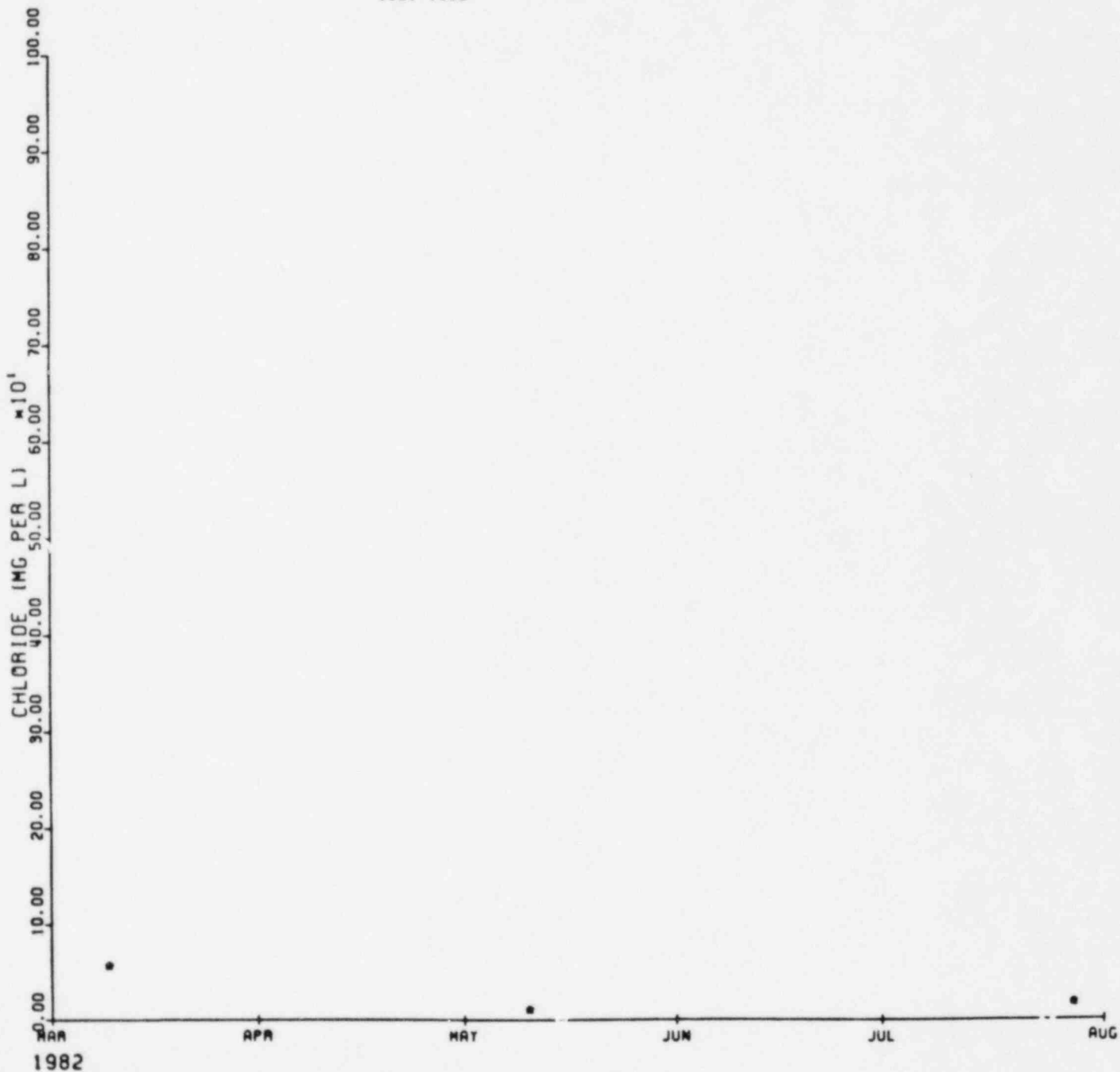


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL OPS (205)

CHLORIDE VS TIME
1981-1982

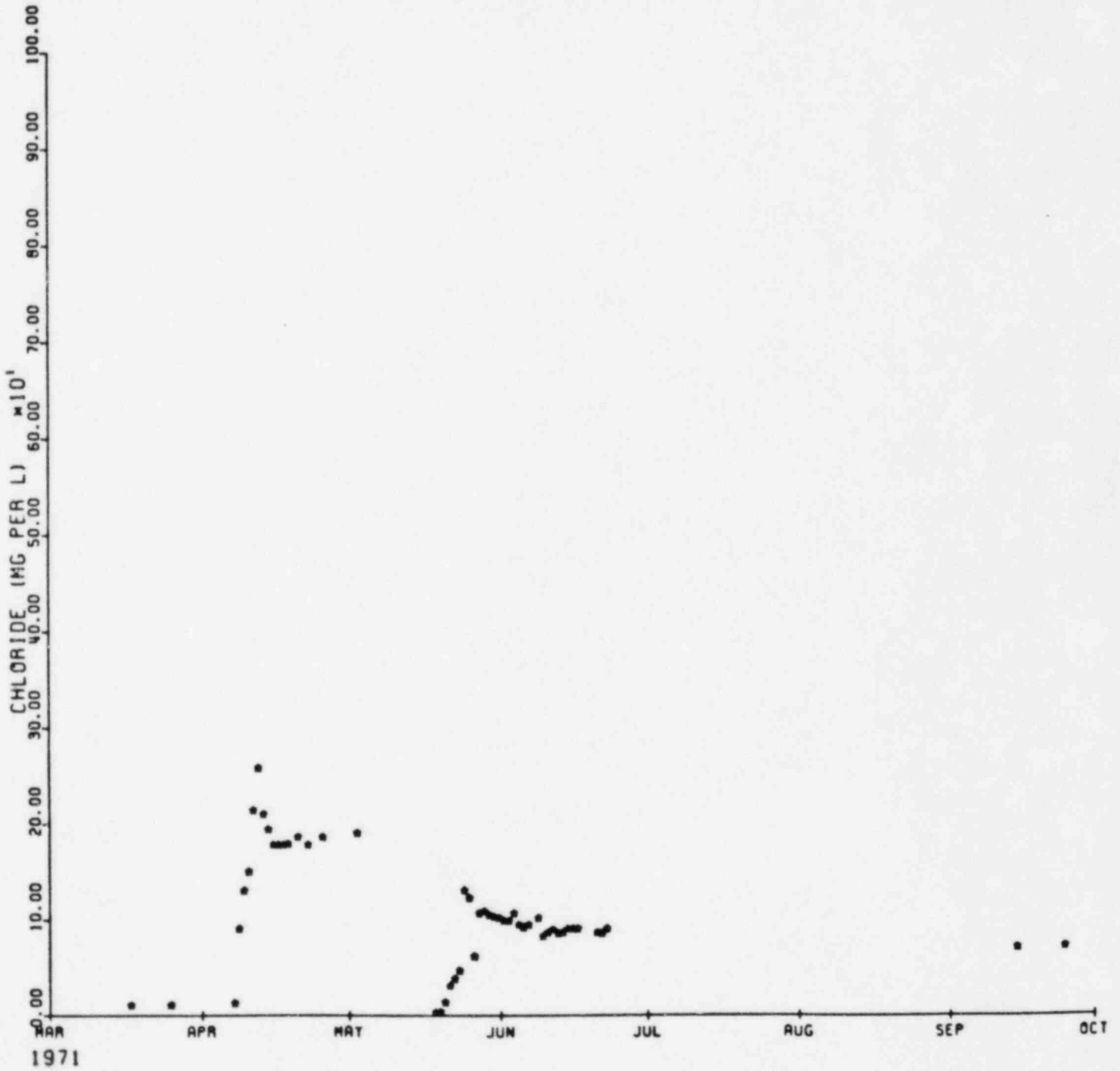


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP6 (206)

CHLORIDE VS TIME
1971-1972

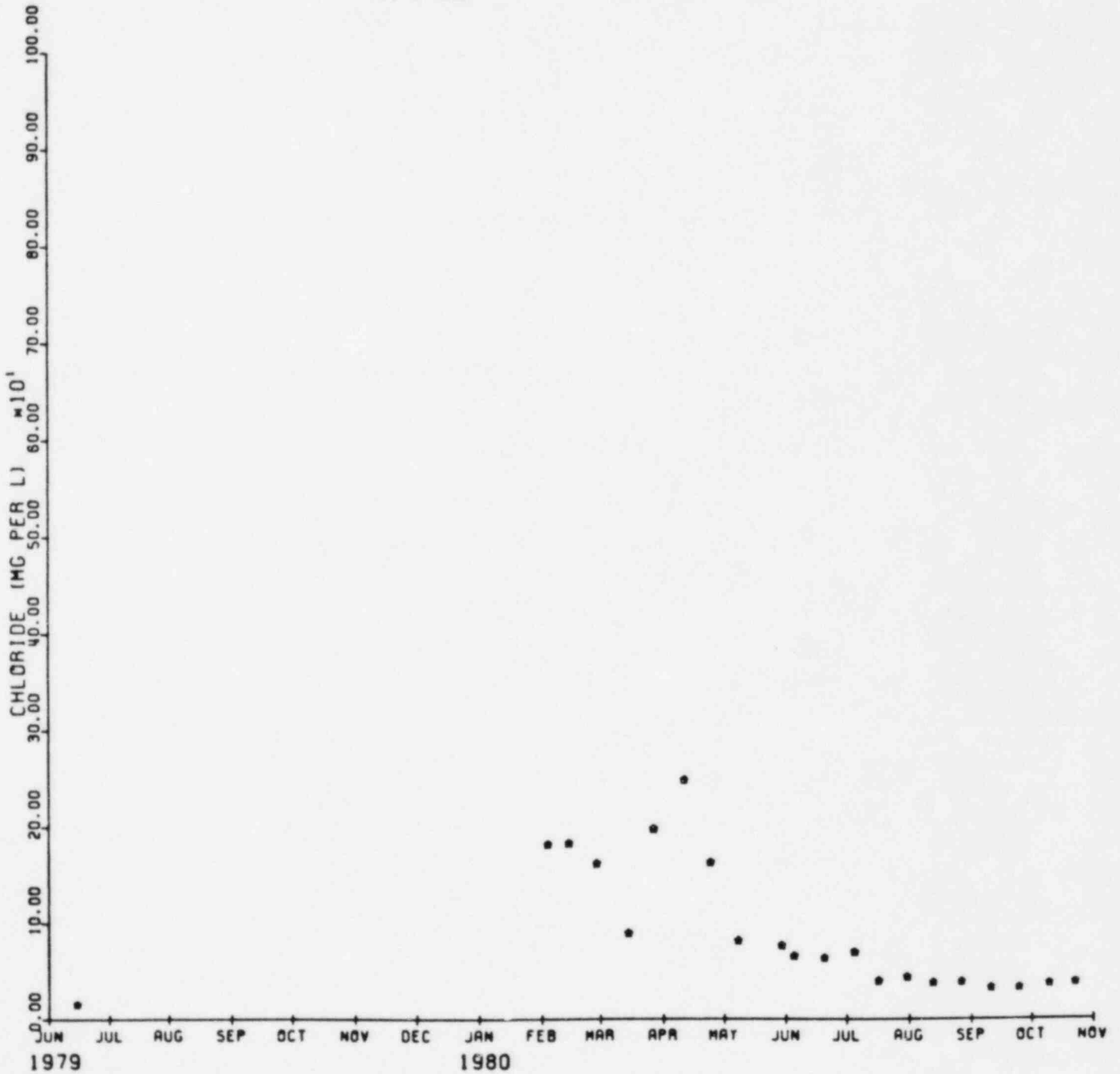


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP6 (206)

CHLORIDE VS TIME
1979-1980

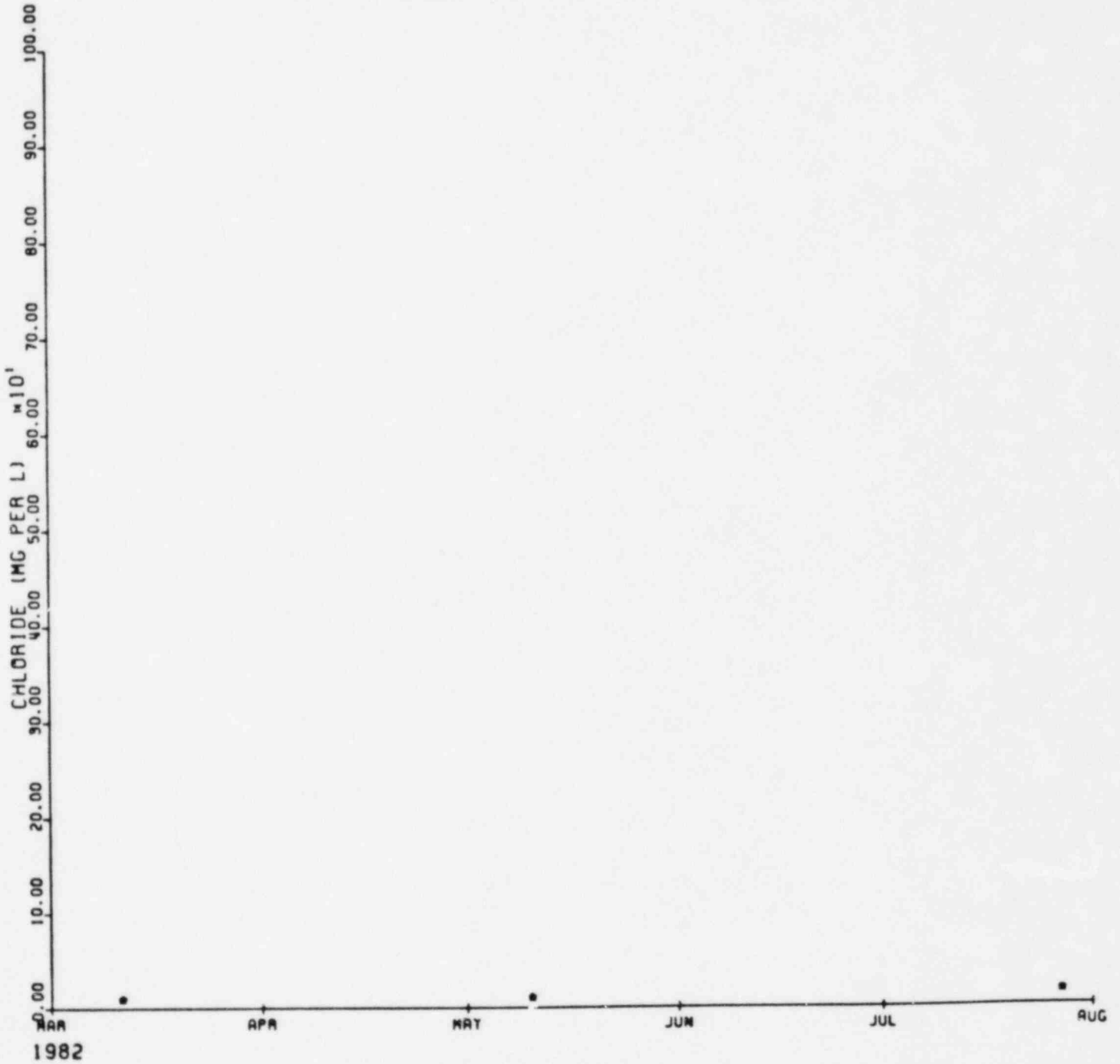


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP6 (206)

CHLORIDE VS TIME
1981-1982

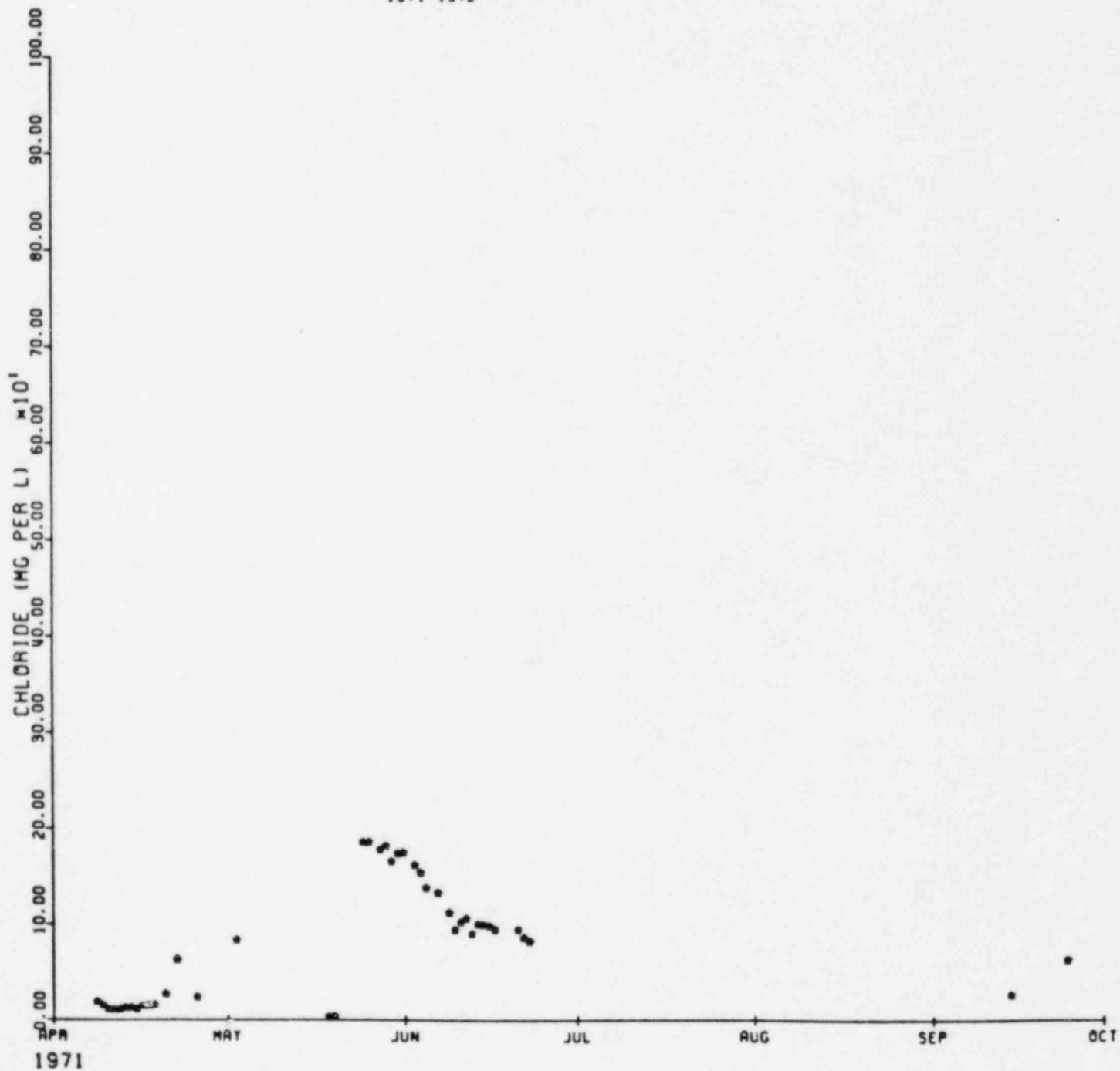


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 007 (209)

CHLORIDE VS TIME
1971-1972



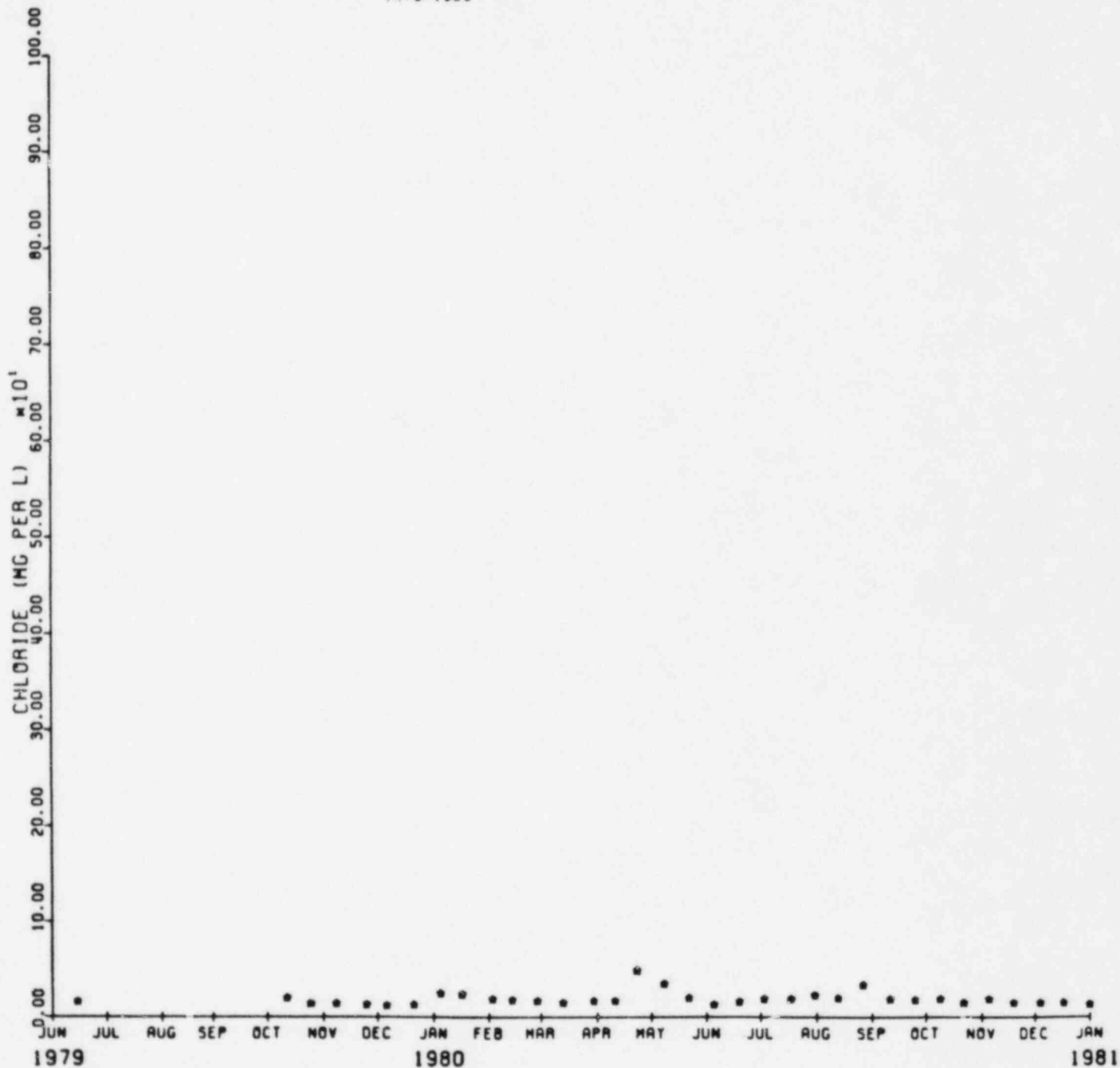
EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL 00 7 (209)

CHLORIDE VS TIME

1979-1980

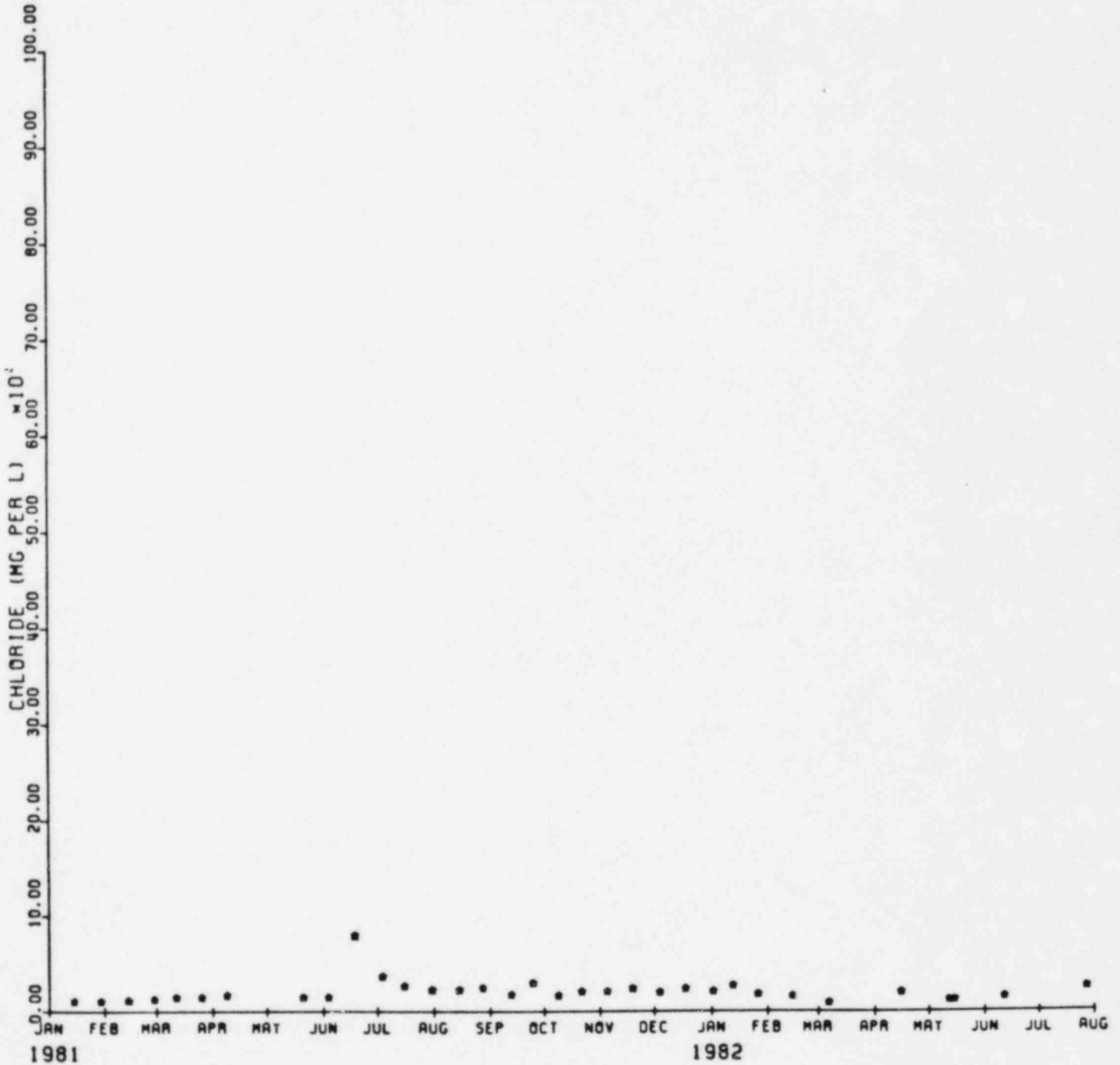


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL 00 7 (209)

CHLORIDE VS TIME
1981-1982

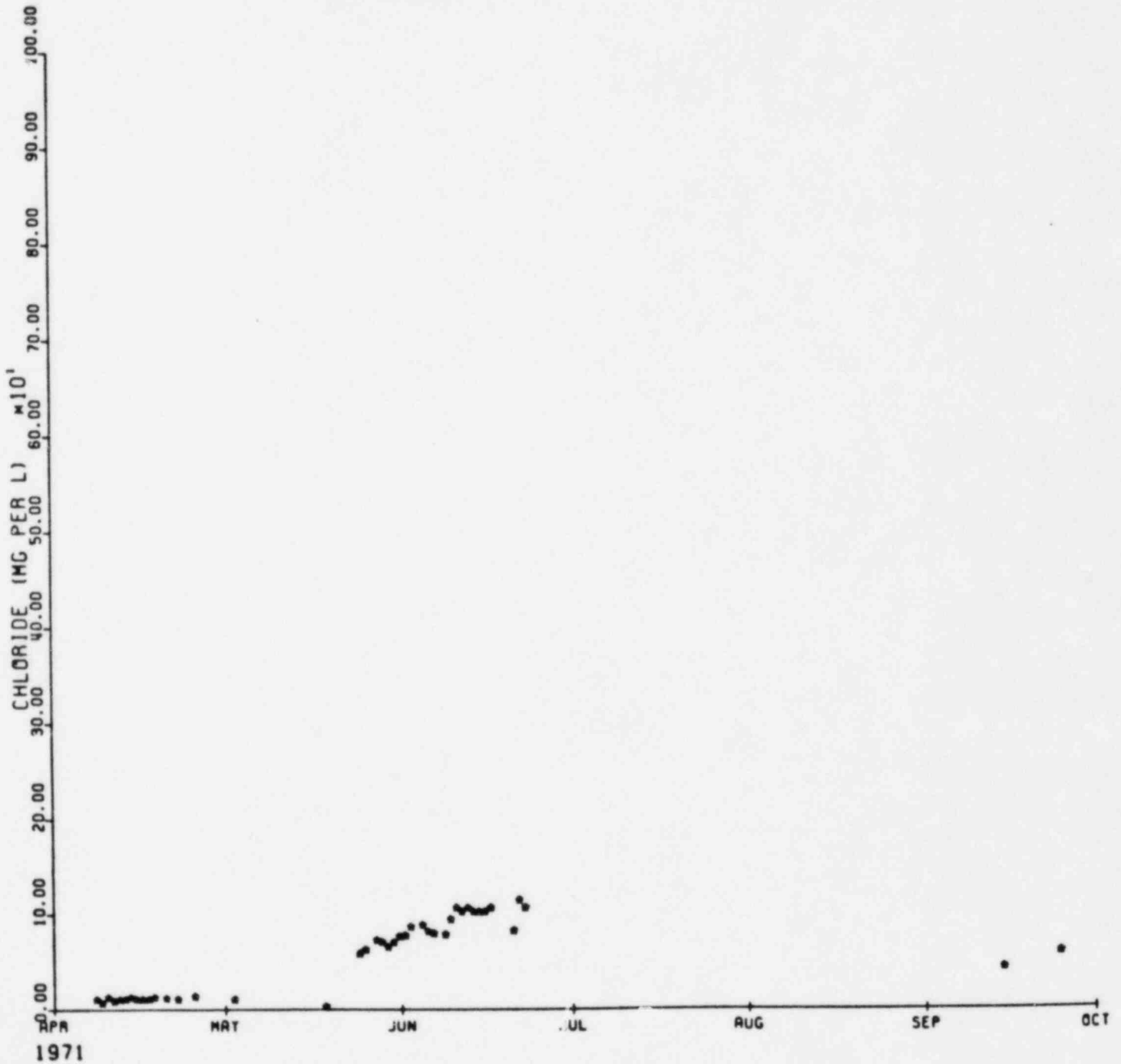


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 008 (210)

CHLORIDE VS TIME
1971-1972

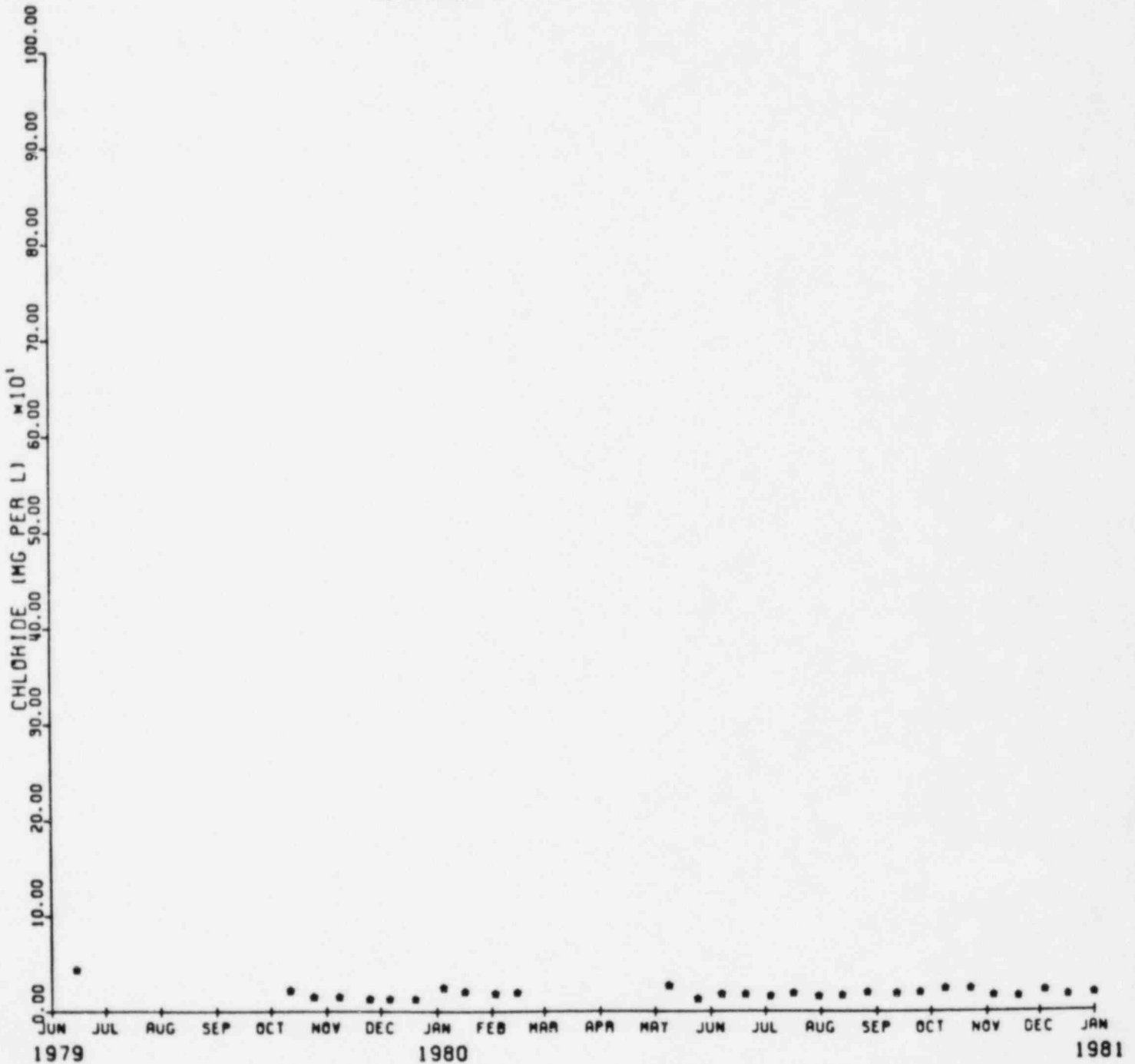


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 8 (210)

CHLORIDE VS TIME
1979-1980

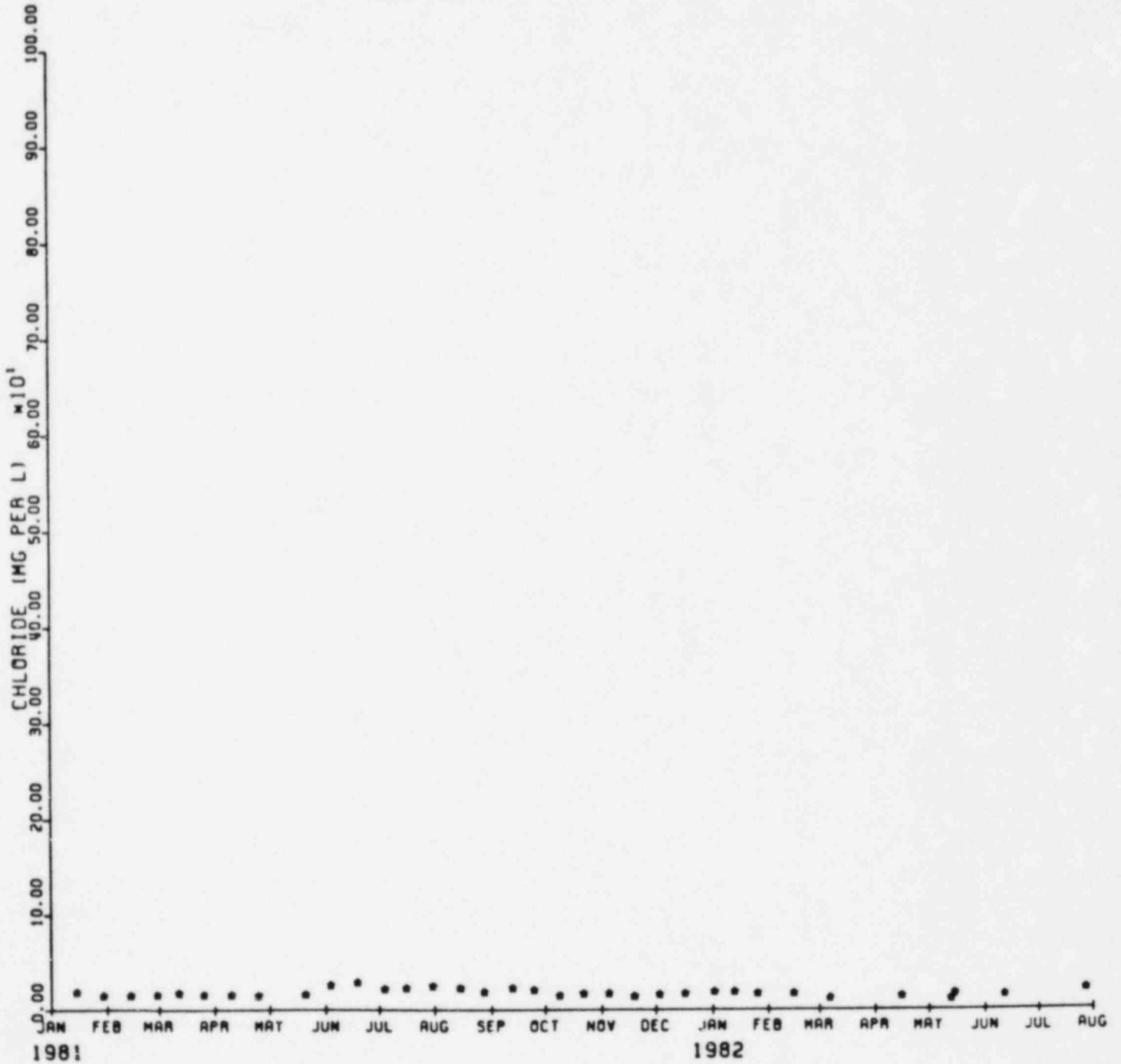


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 8 (210)

CHLORIDE VS TIME
1981-1982

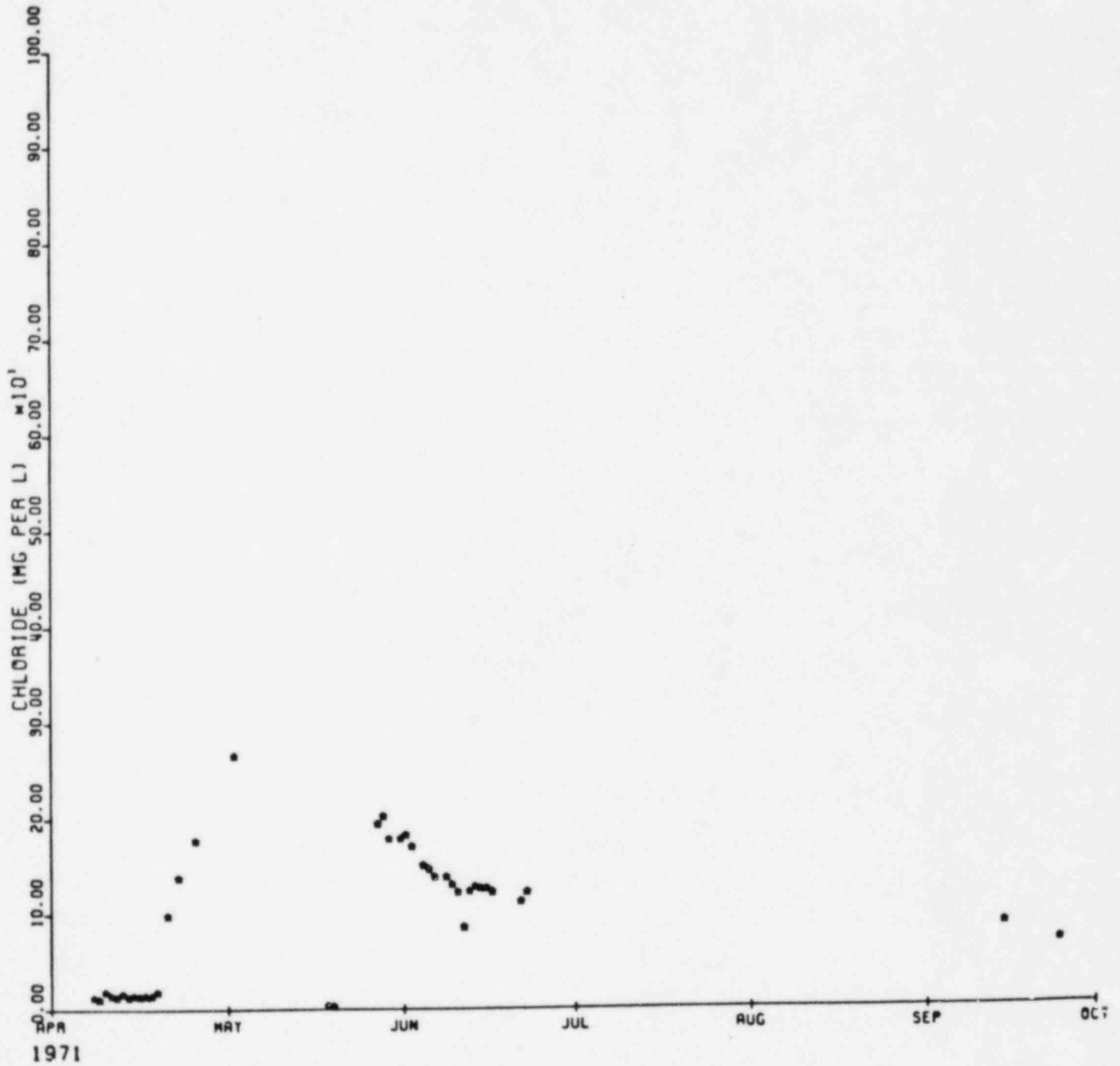


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 009 (211)

CHLORIDE VS TIME
1971-1972

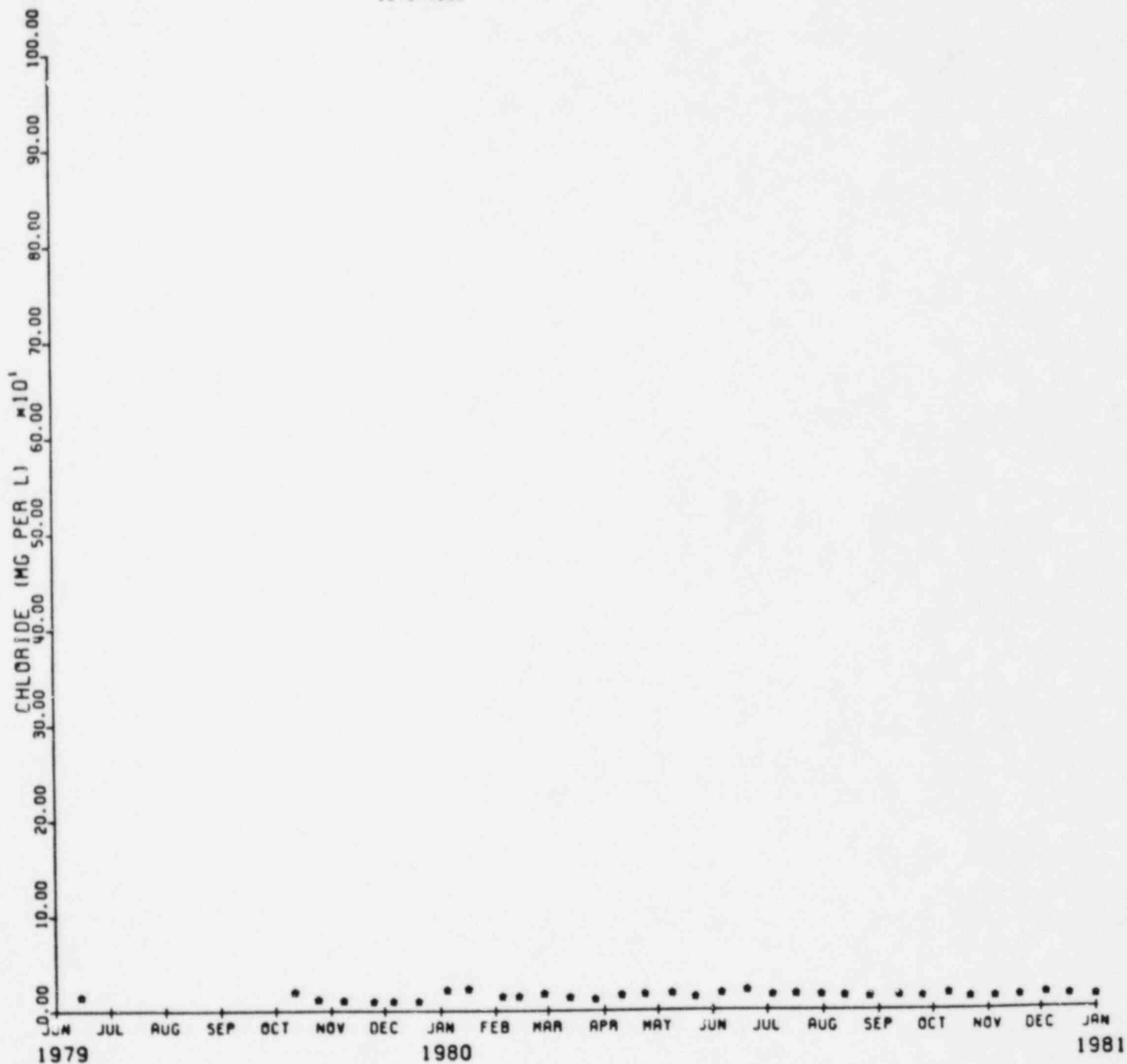


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 009 (211)

CHLORIDE VS TIME
1979-1980

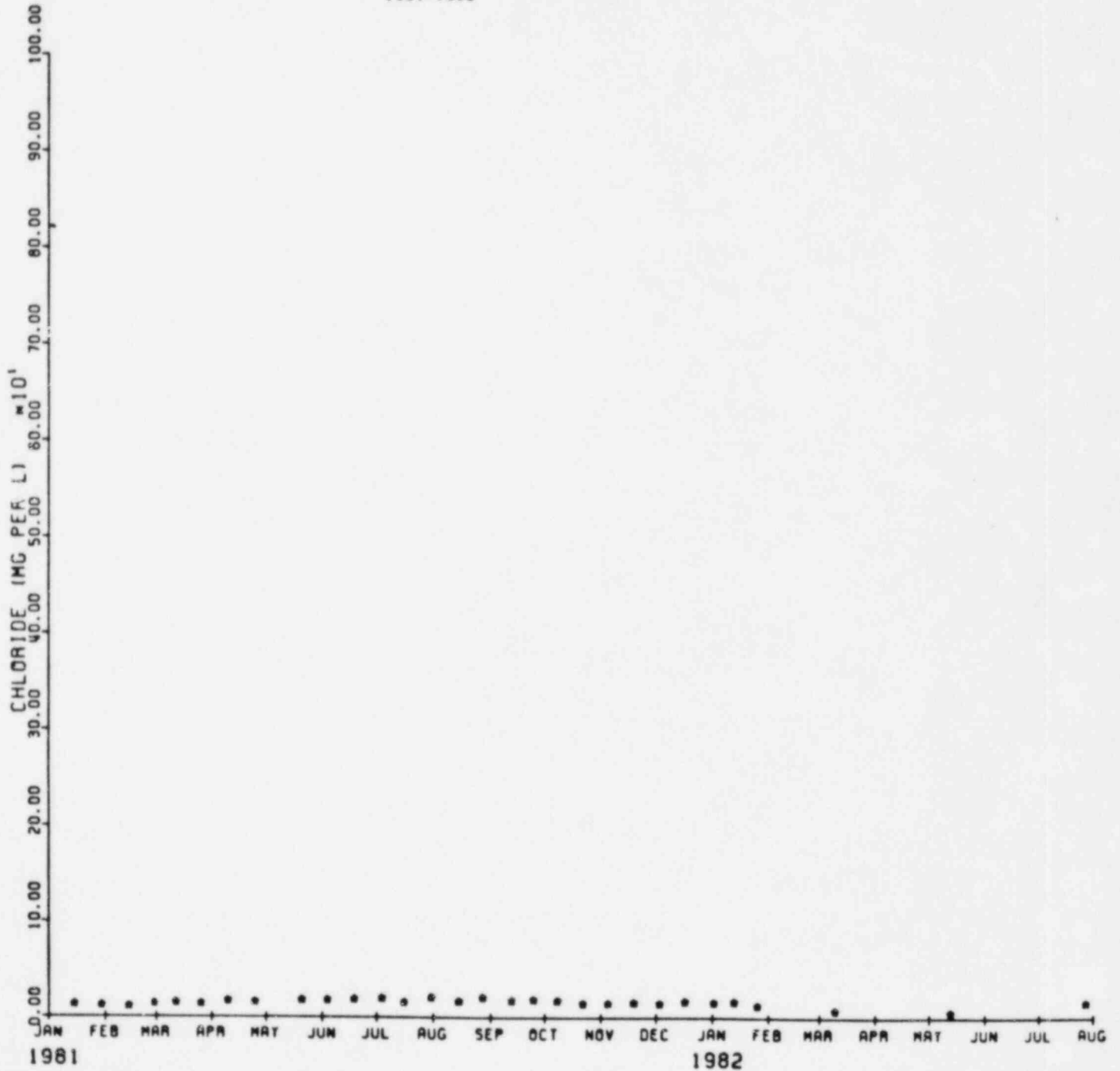


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 9 (211)

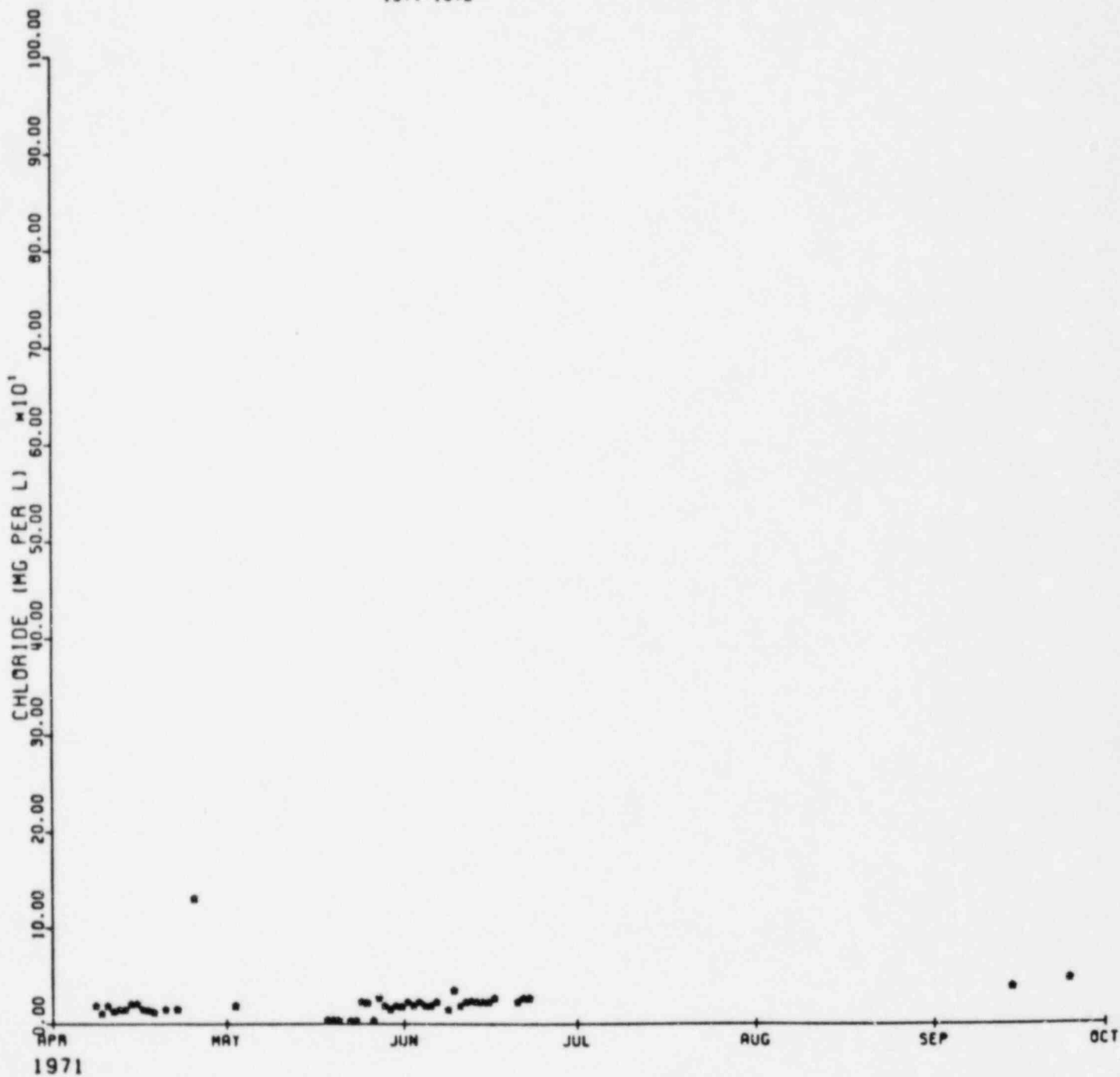
CHLORIDE VS TIME
1981-1982



EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 0010 (212)
CHLORIDE VS TIME
1971-1972

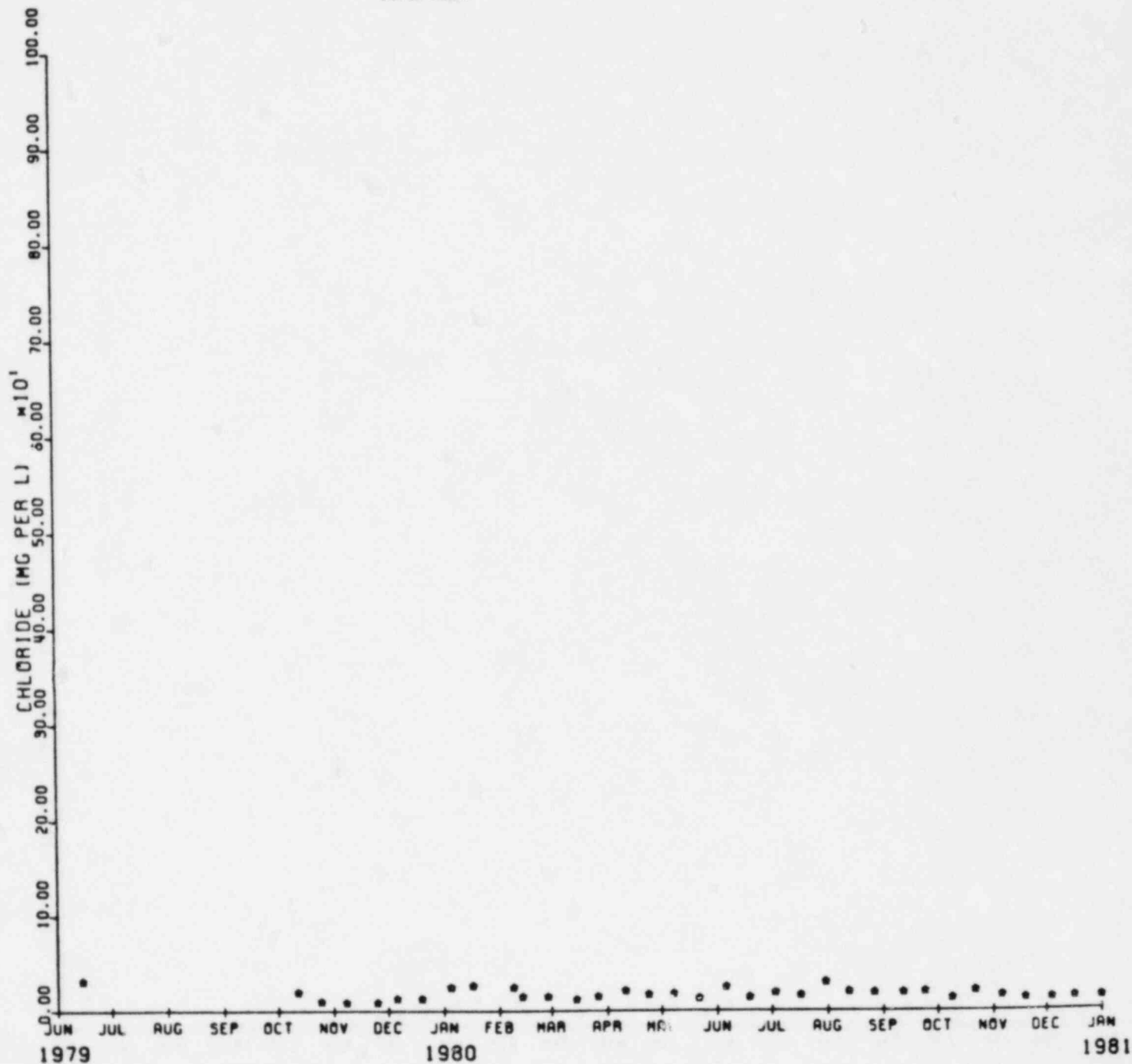


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 10 (212)

CHLORIDE VS TIME
1979-1980

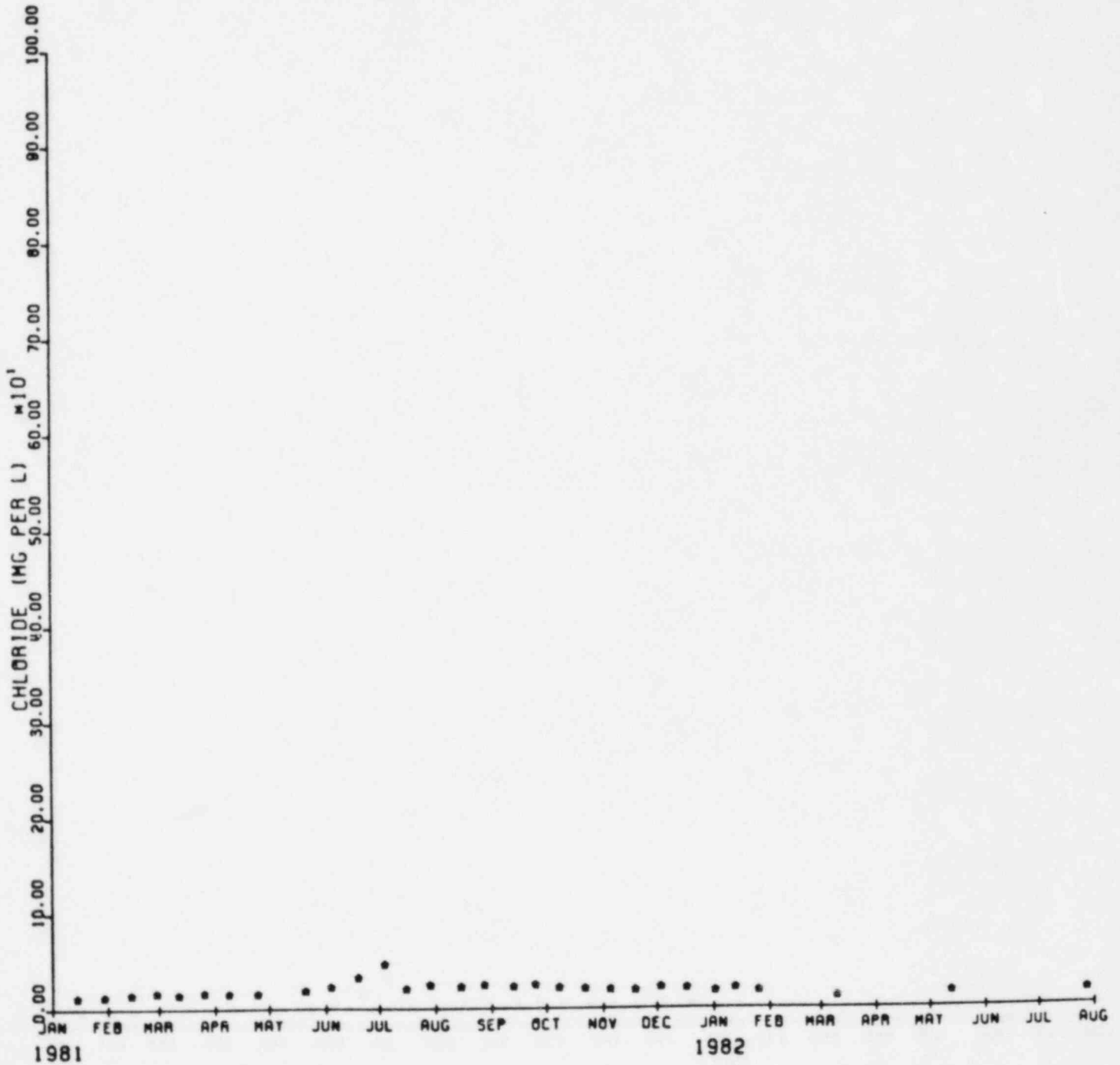


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 10 (212)

CHLORIDE VS TIME
1981-1982

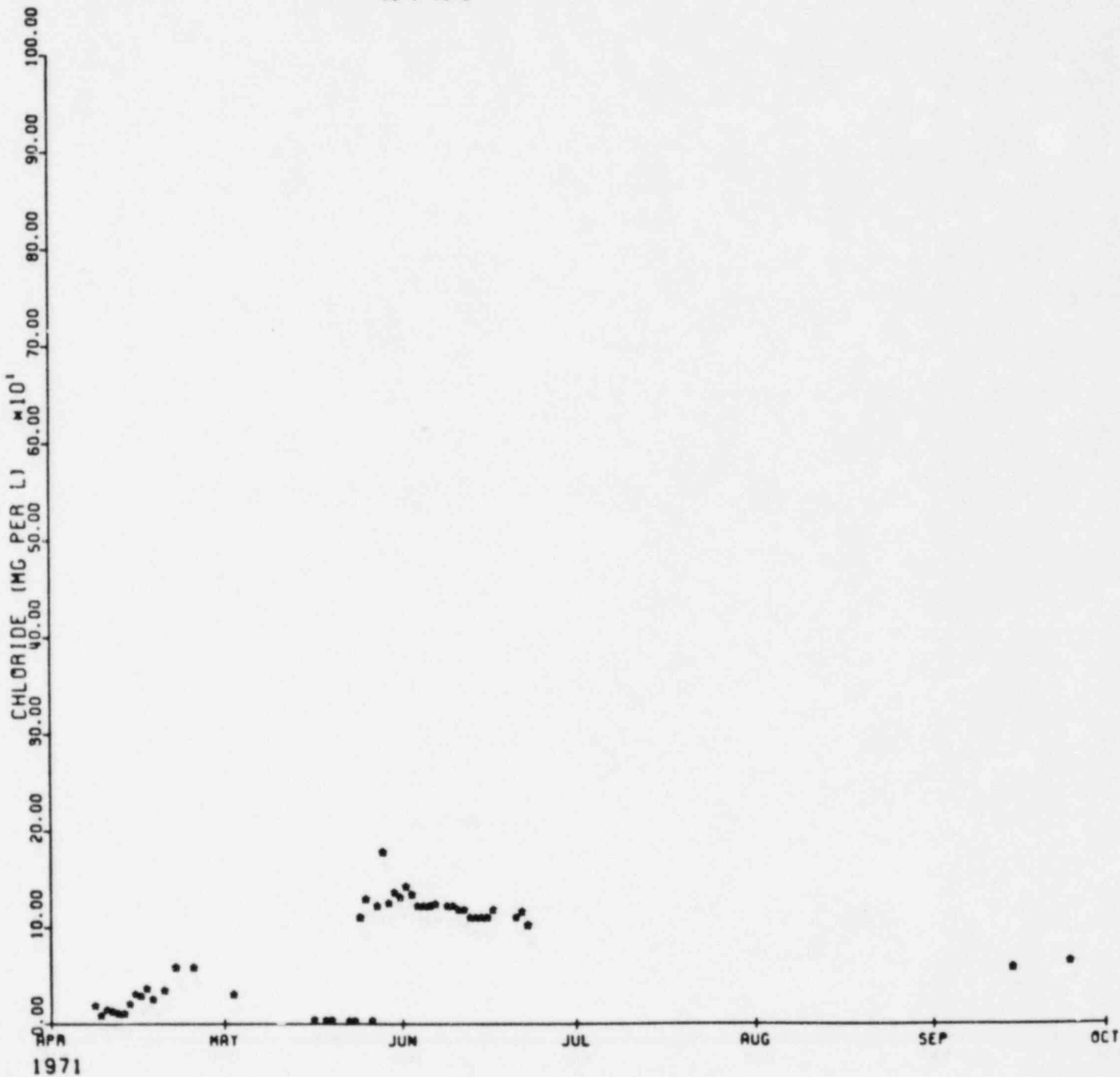


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 0011 (213)

CHLORIDE VS TIME
1971-1972

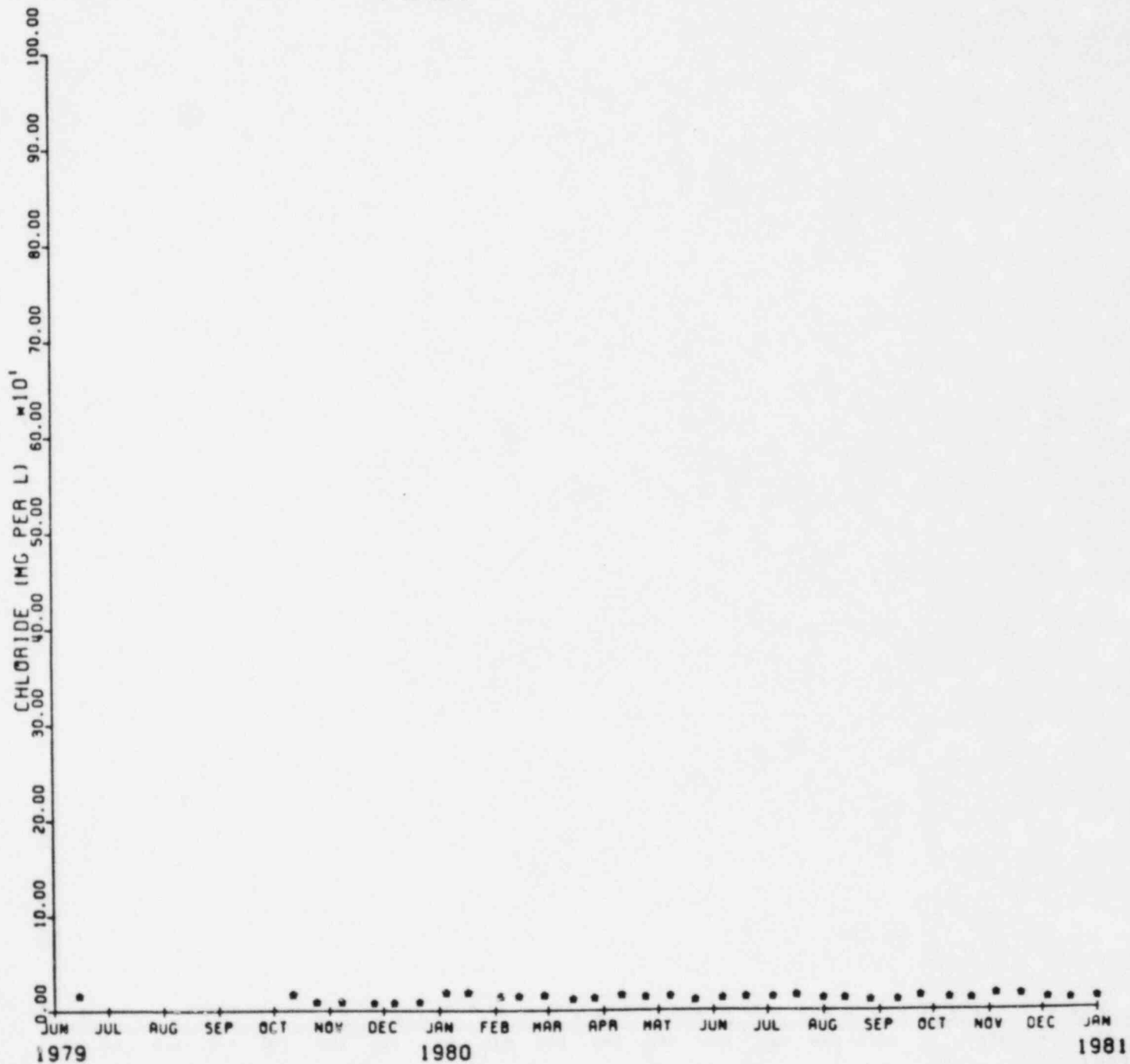


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 0011 (213)

CHLORIDE VS TIME
1979-1980

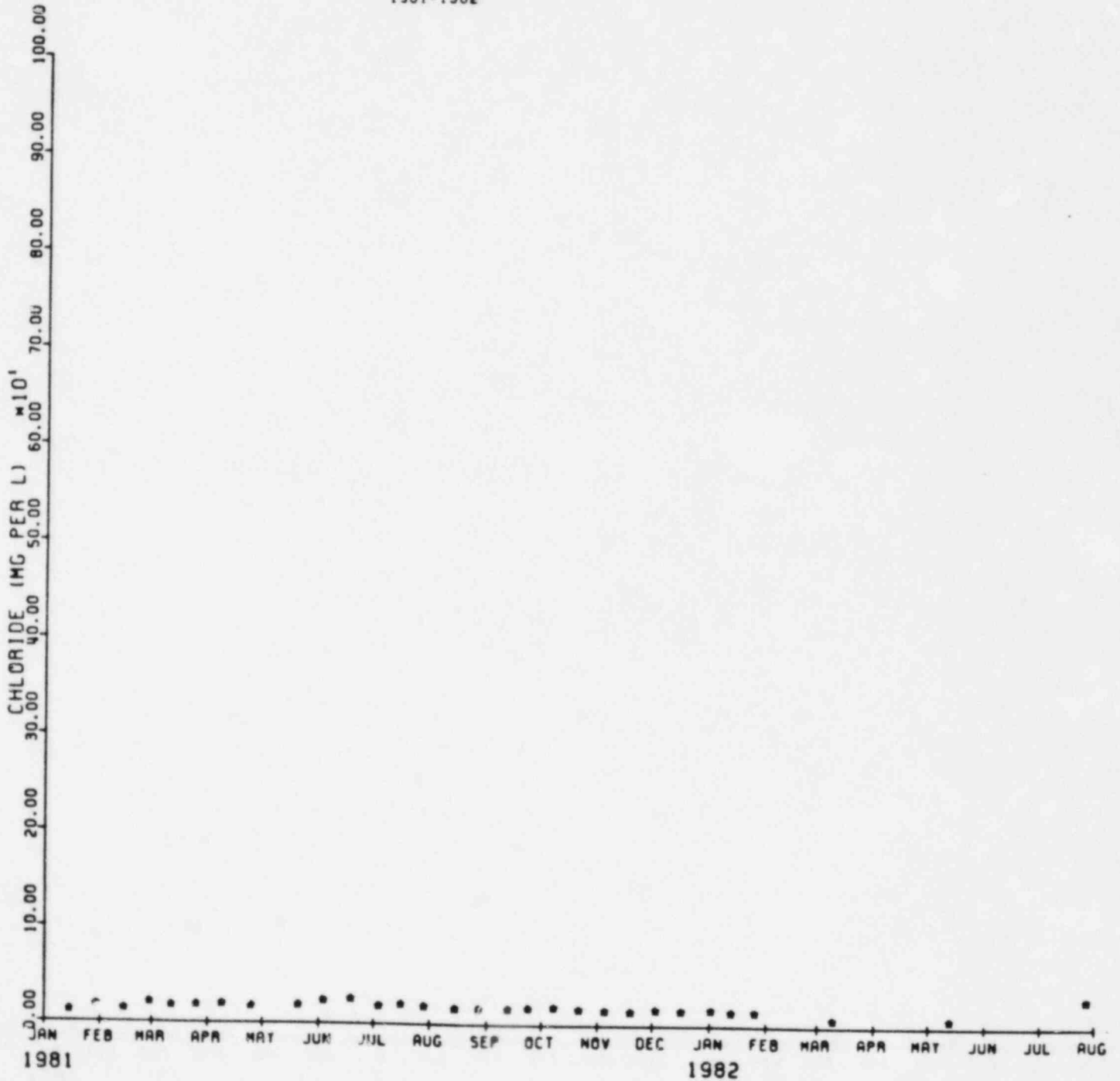


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 0011 (213)

CHLORIDE VS TIME
1981-1982

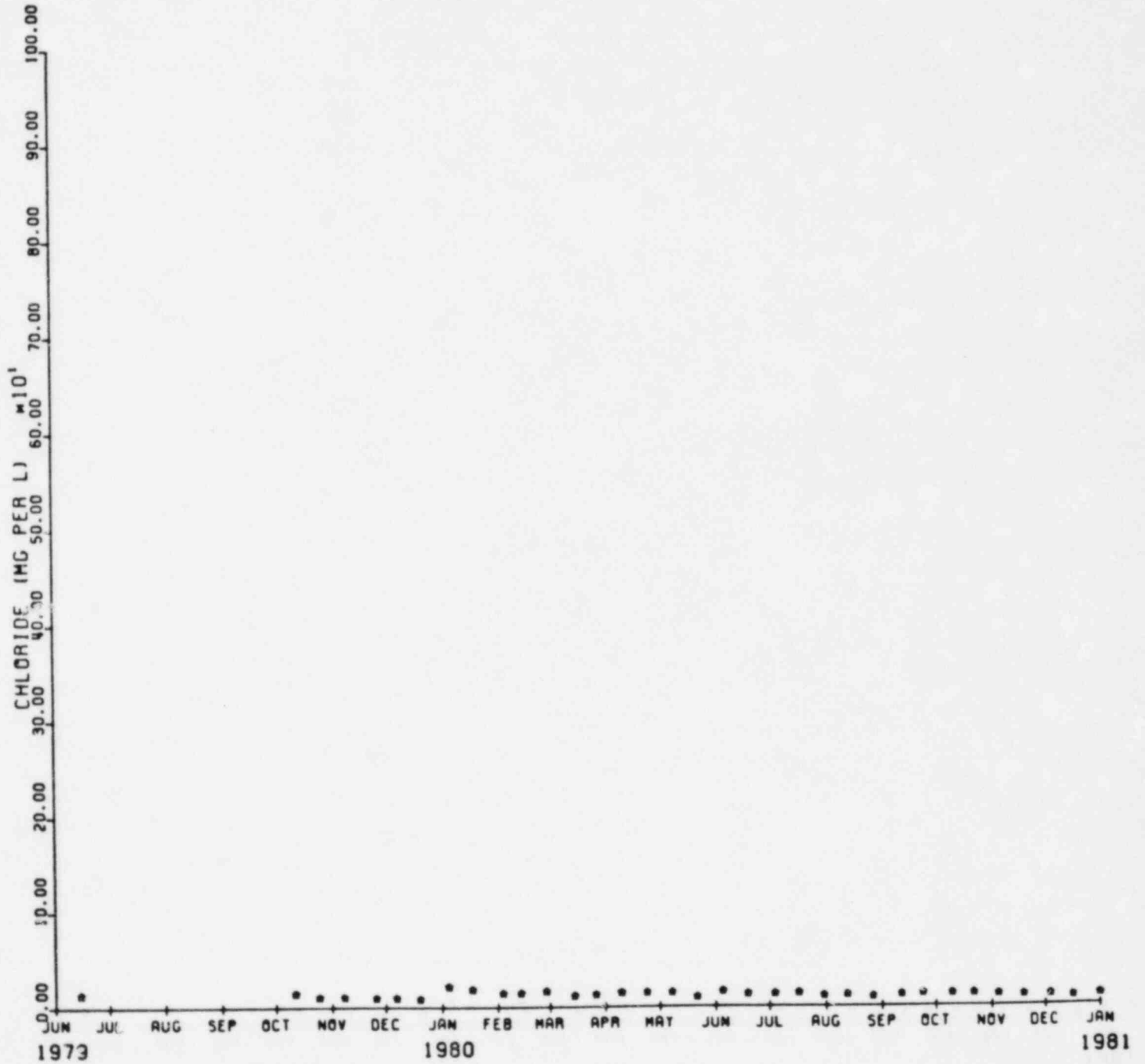


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 0012 (214)

CHLORIDE VS TIME
1979-1980

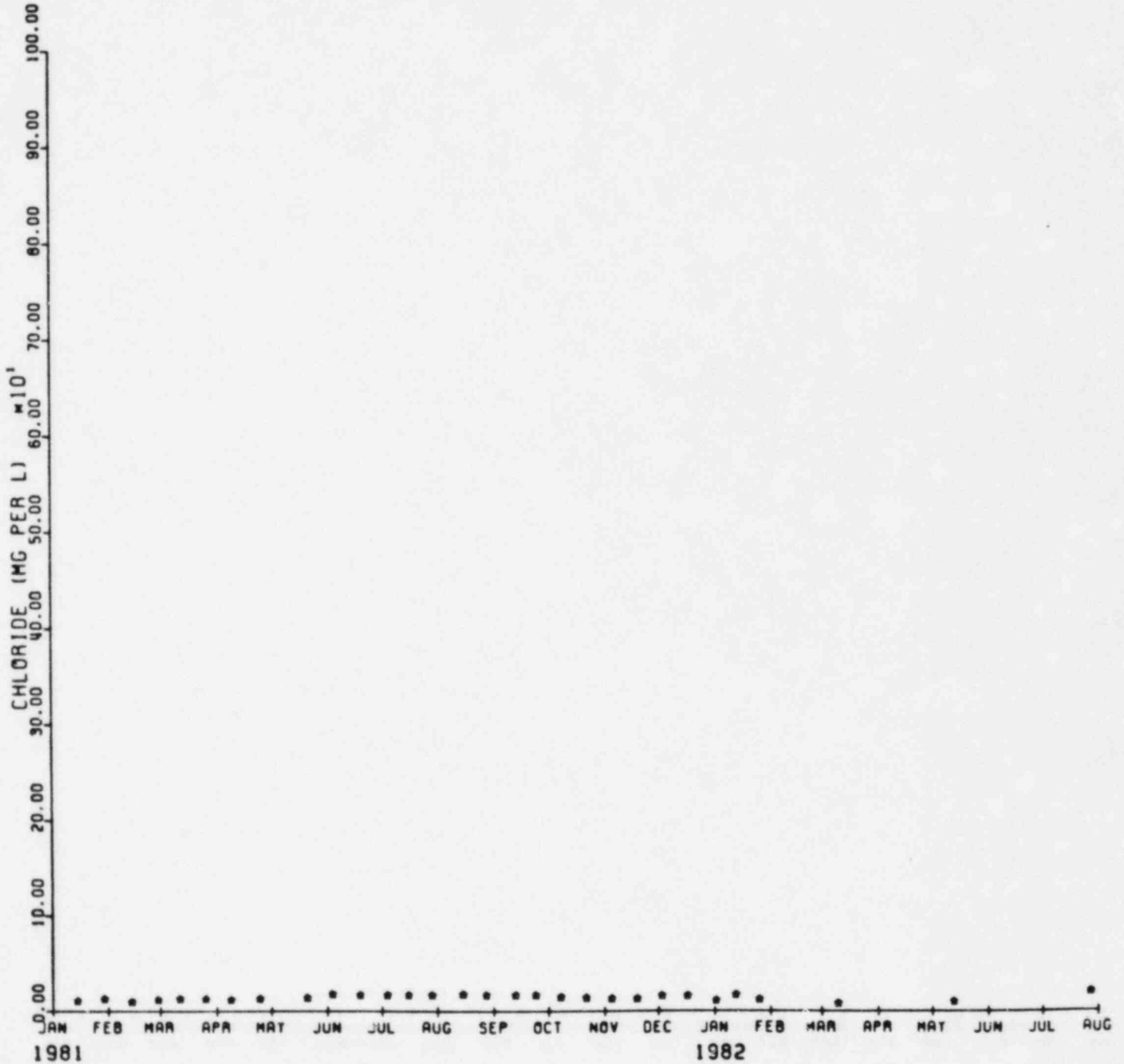


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 0012 (214)

CHLORIDE VS TIME
1981-1982

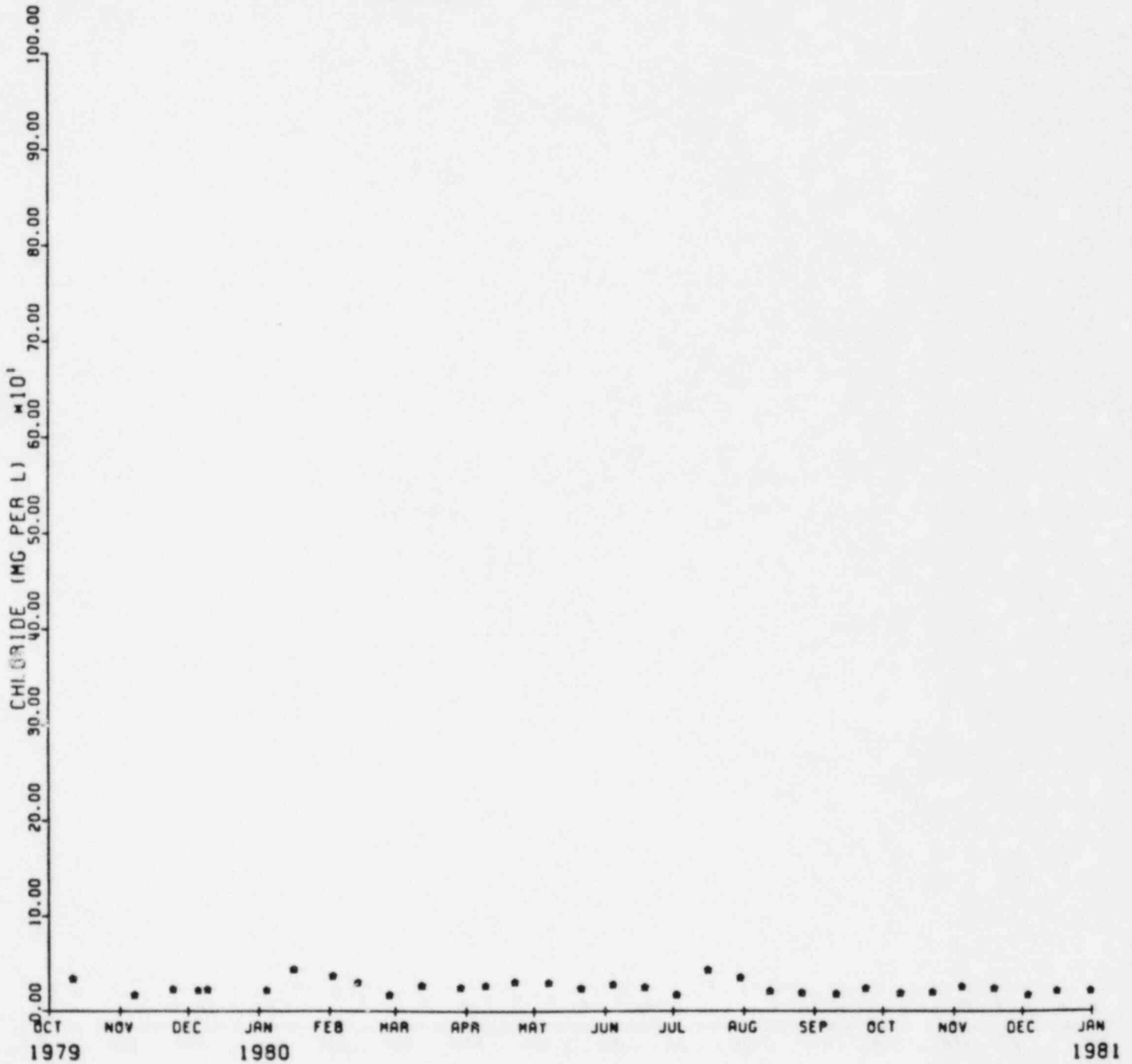


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP13 (207)

CHLORIDE VS TIME
1979-1980

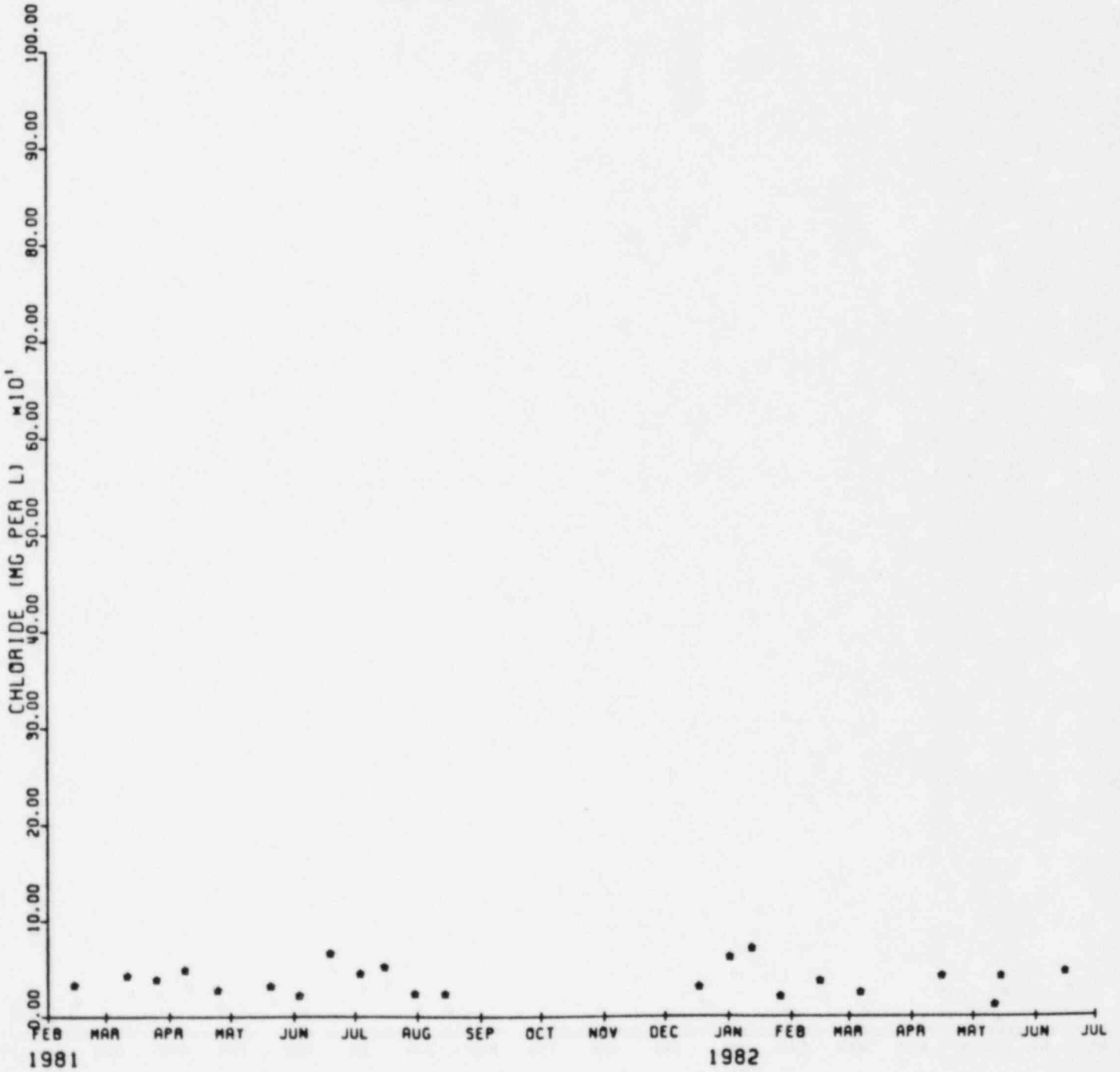


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP13 (207)

CHLORIDE VS TIME
1981-1982

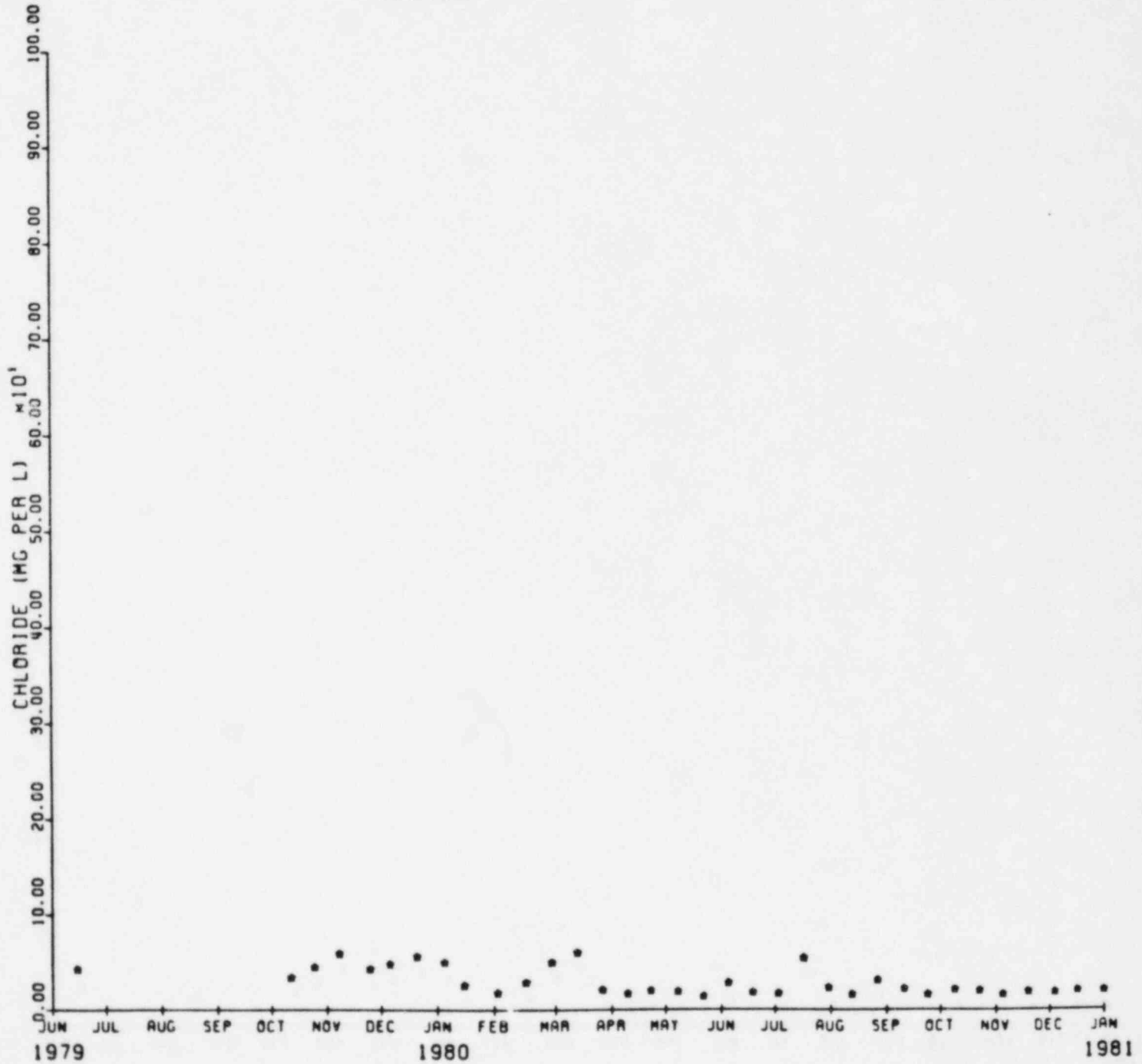


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP14 (208)

CHLORIDE VS TIME
1979-1980

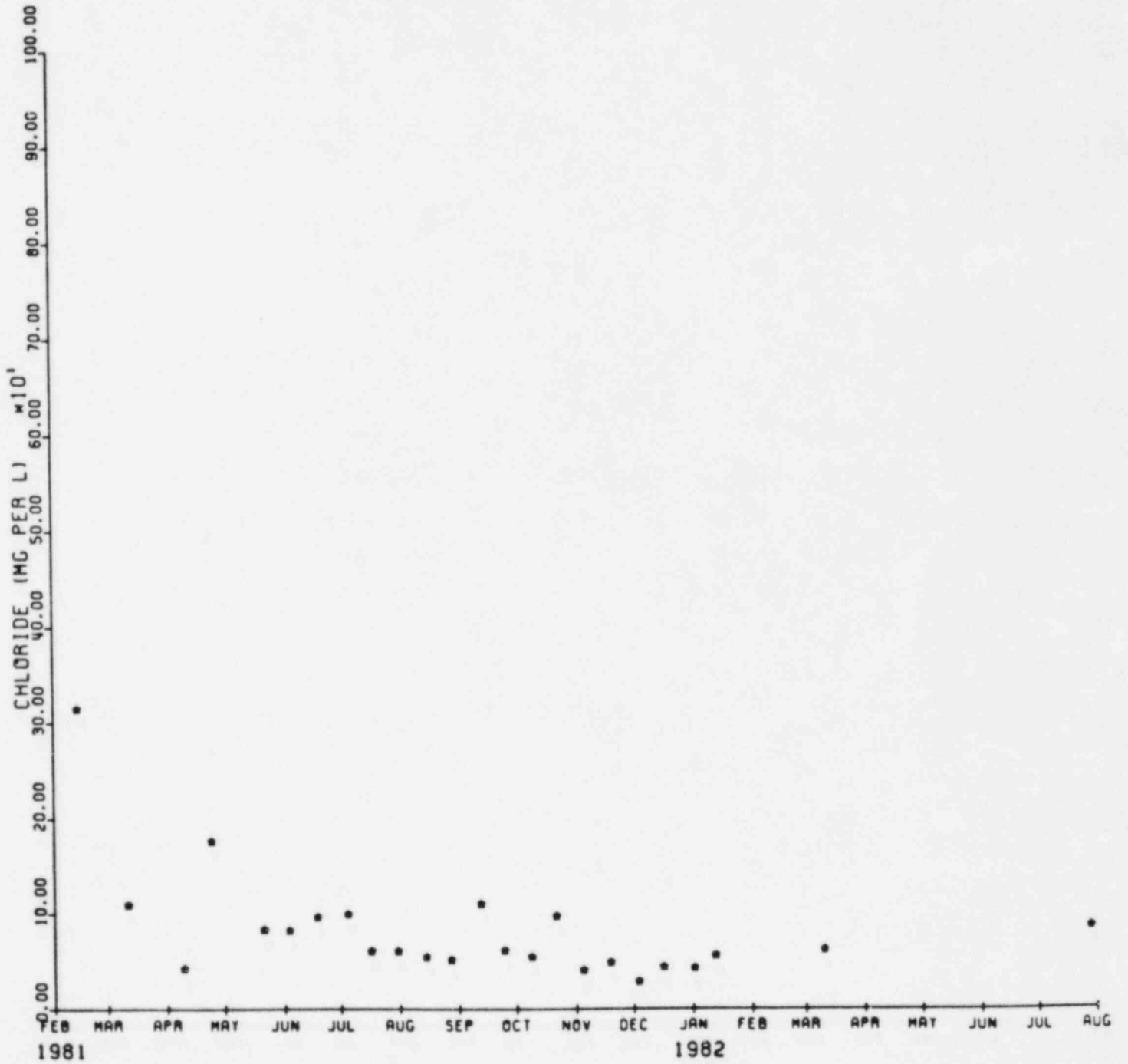


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP14 (208)

CHLORIDE VS TIME
1981-1982

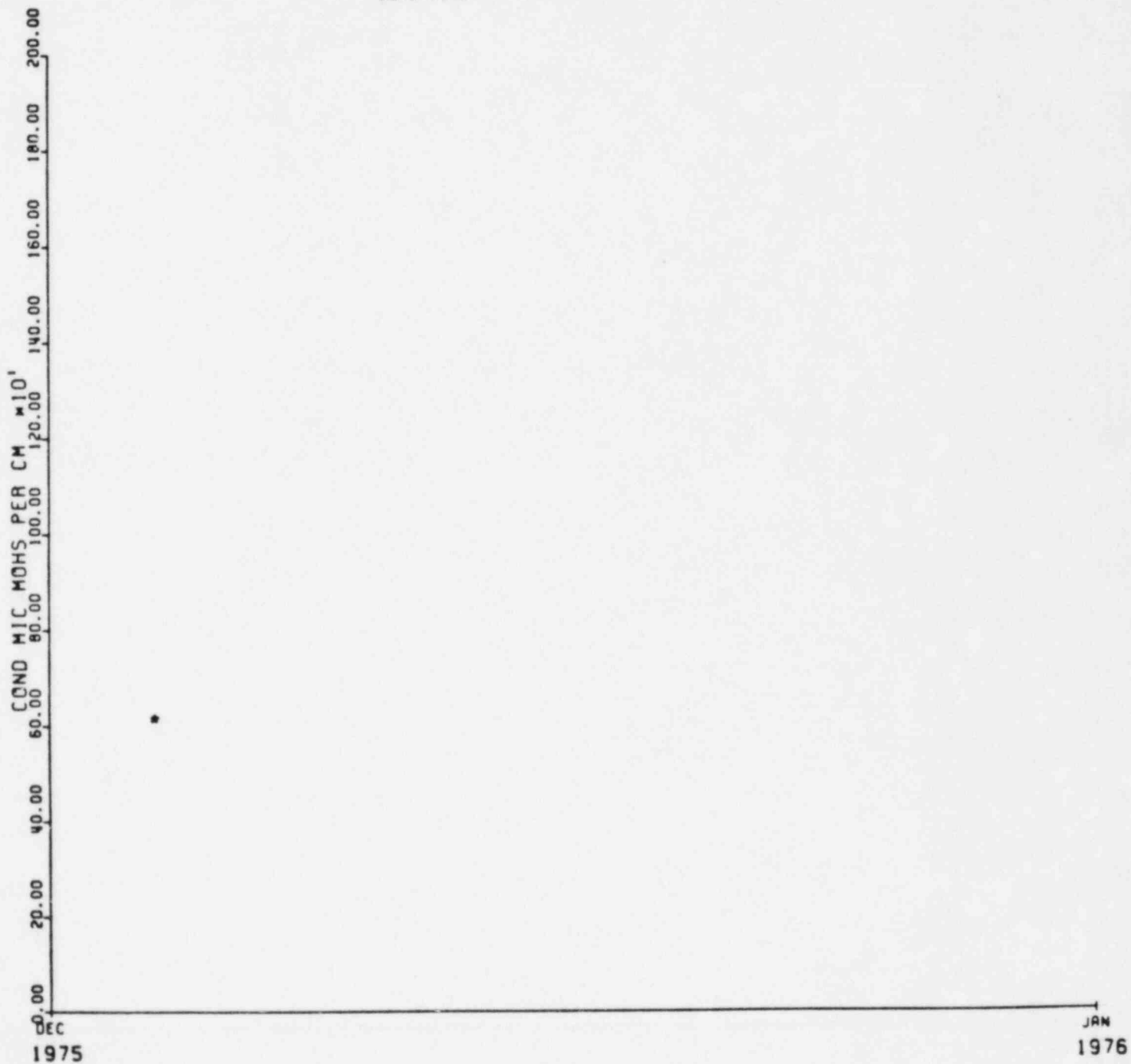


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP INJ (200)

CONDUCTIVITY VS TIME
1975-1976

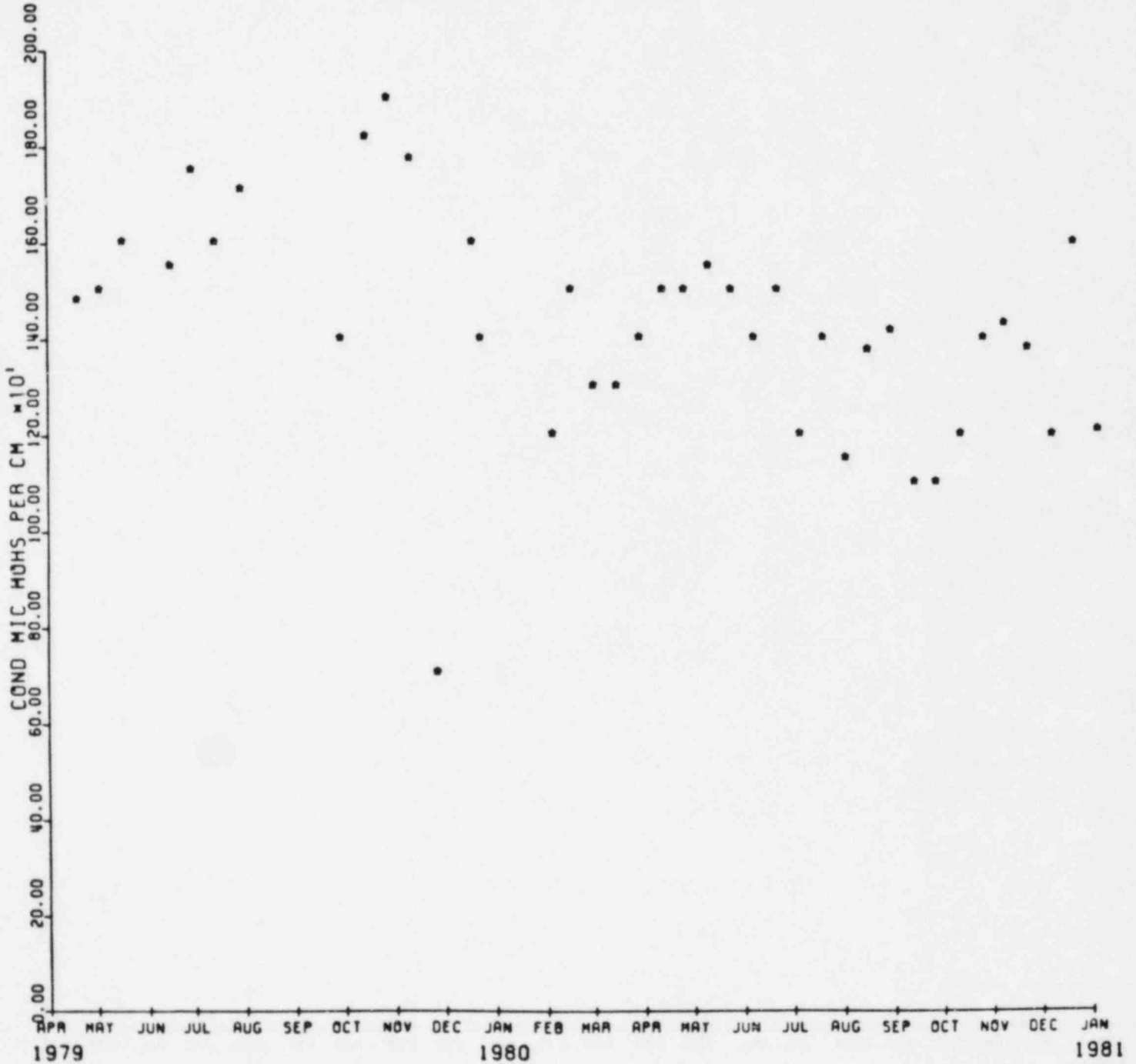


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP INJ (200)

CONDUCTIVITY VS TIME
1979-1980

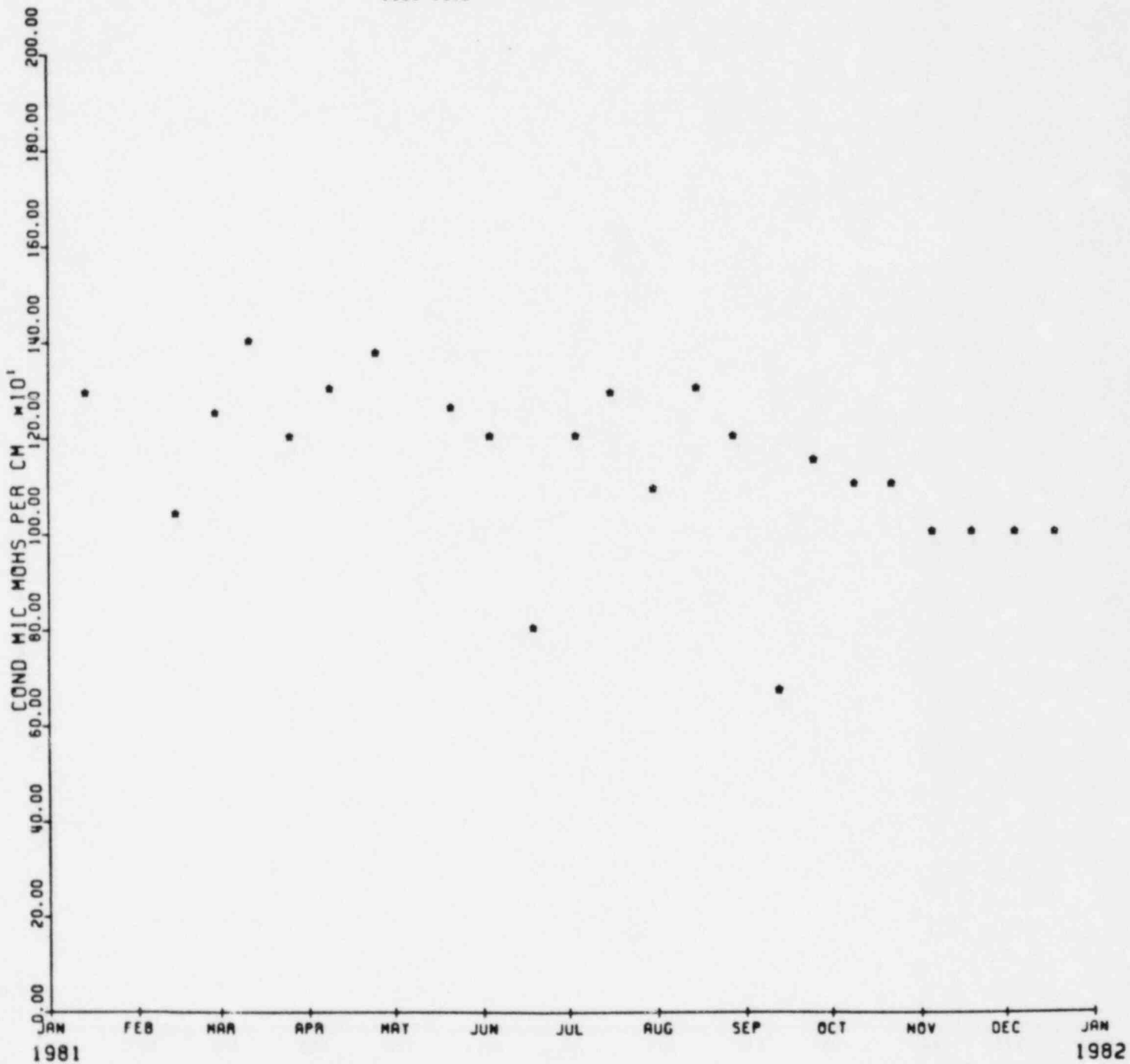


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP INJ (200)

CONDUCTIVITY VS TIME
1981-1982

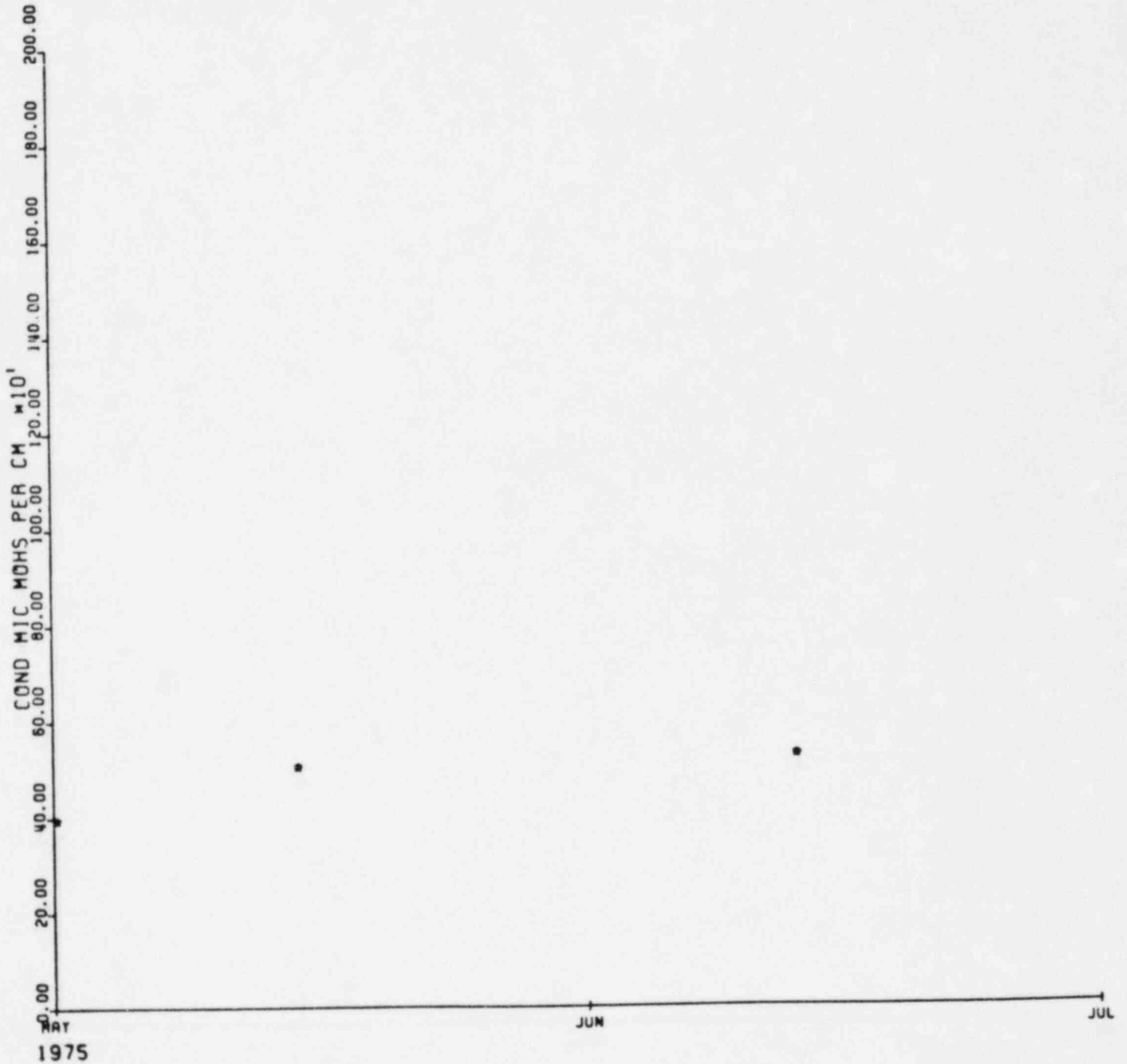


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP1 (201)

CONDUCTIVITY VS TIME
1975-1976

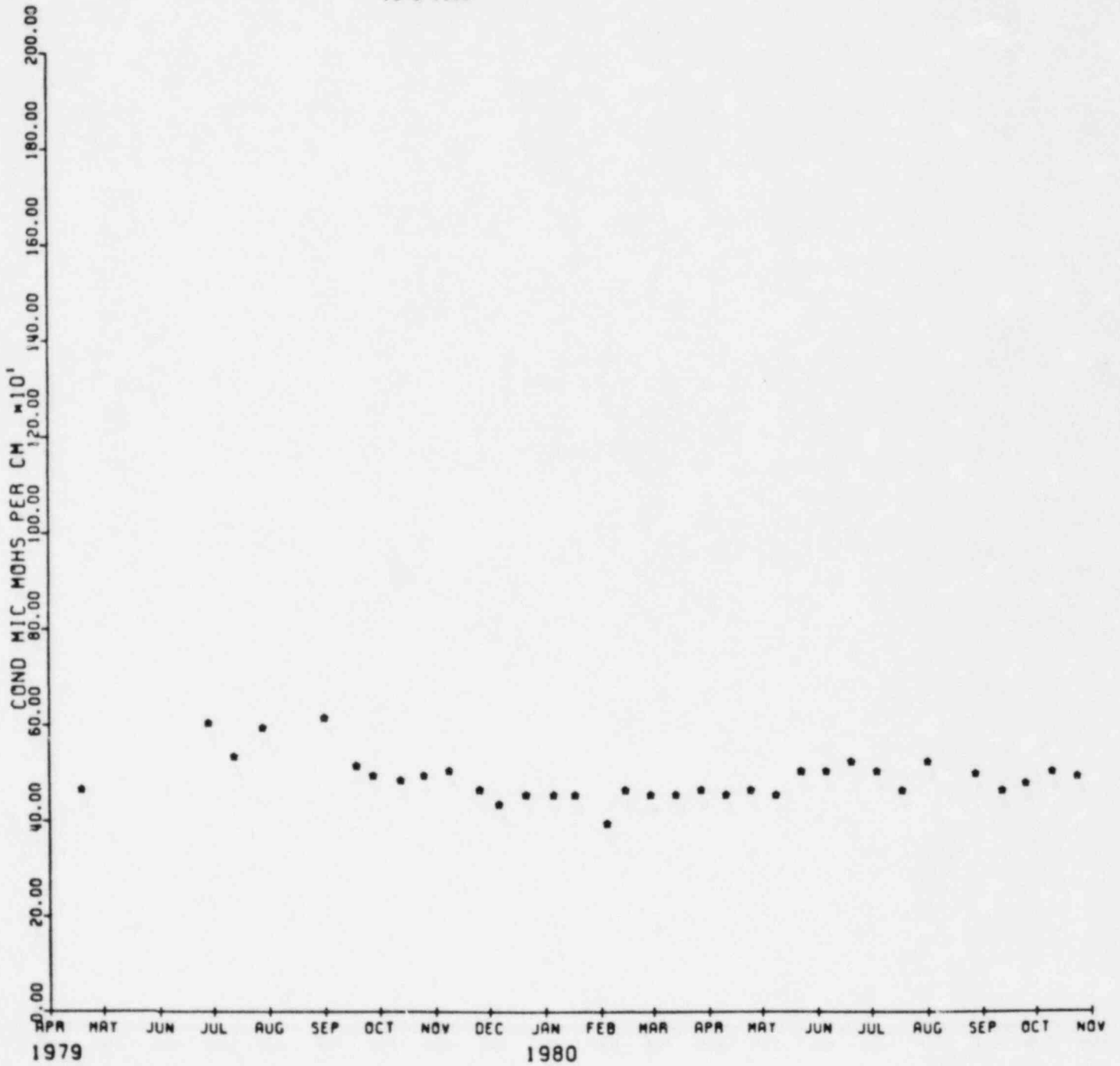


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP1 (201)

CONDUCTIVITY VS TIME
1979-1980

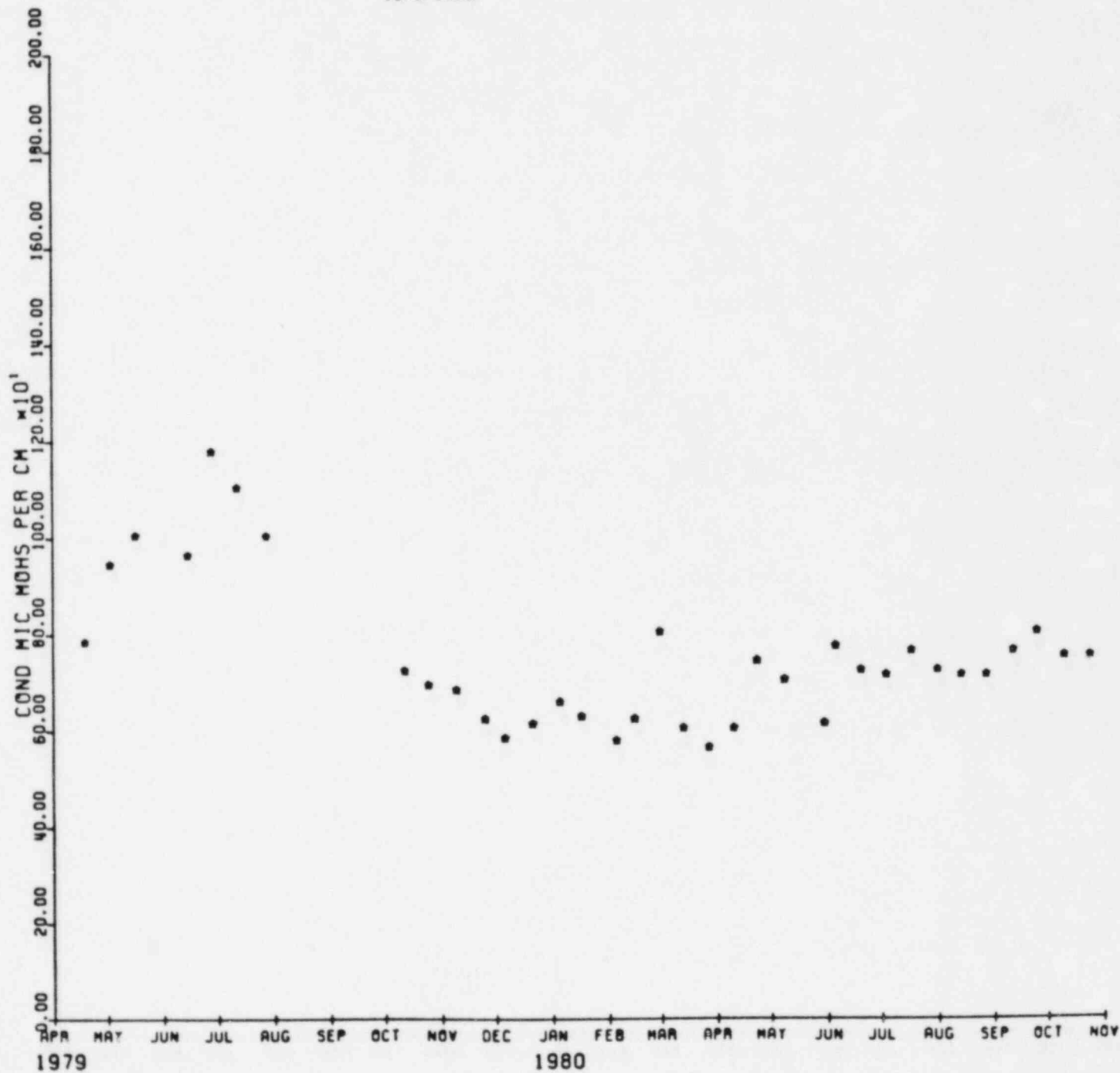


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP2 (202)

CONDUCTIVITY VS TIME
1979-1980

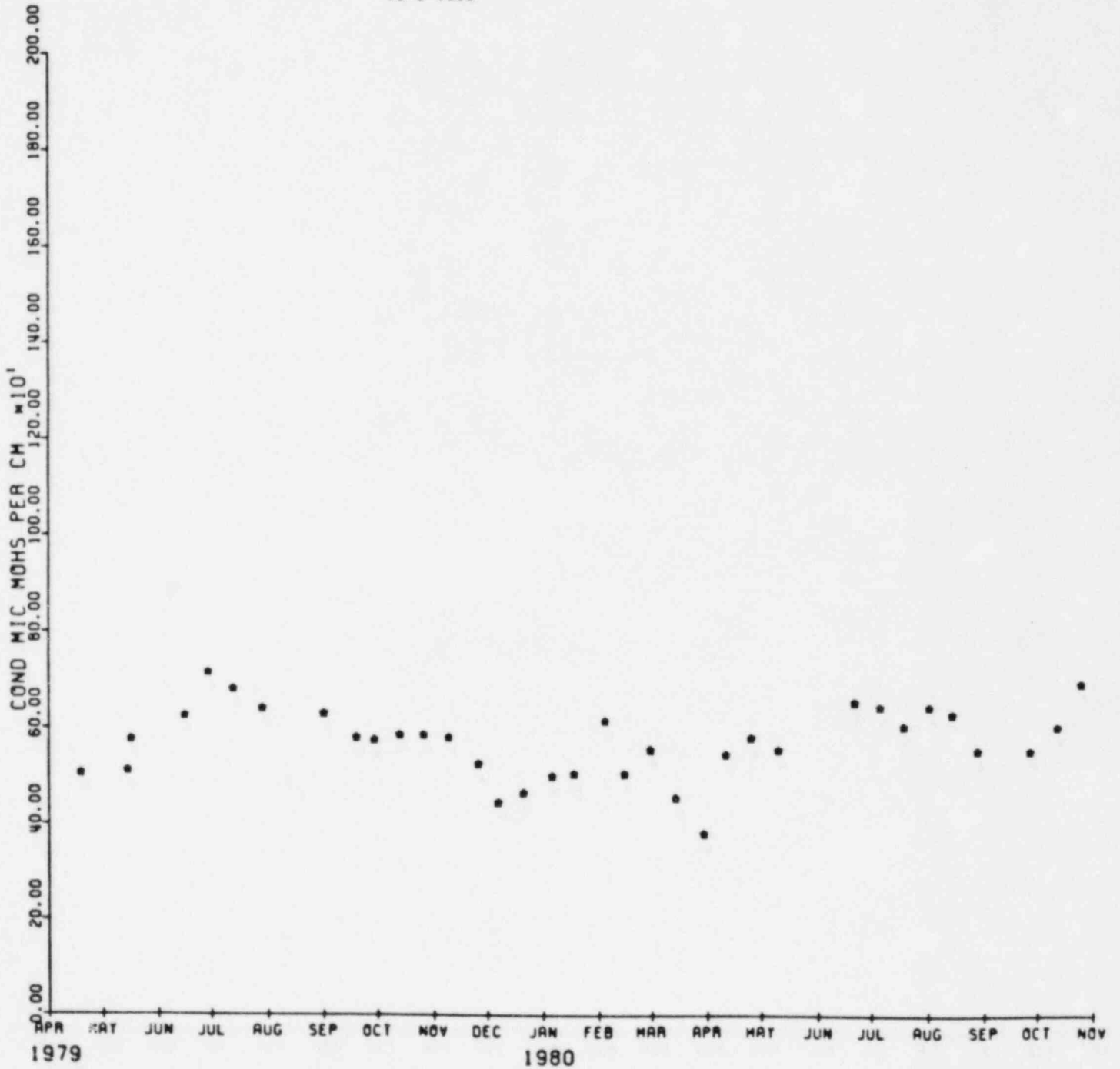


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP3 (203)

CONDUCTIVITY VS TIME
1979-1980

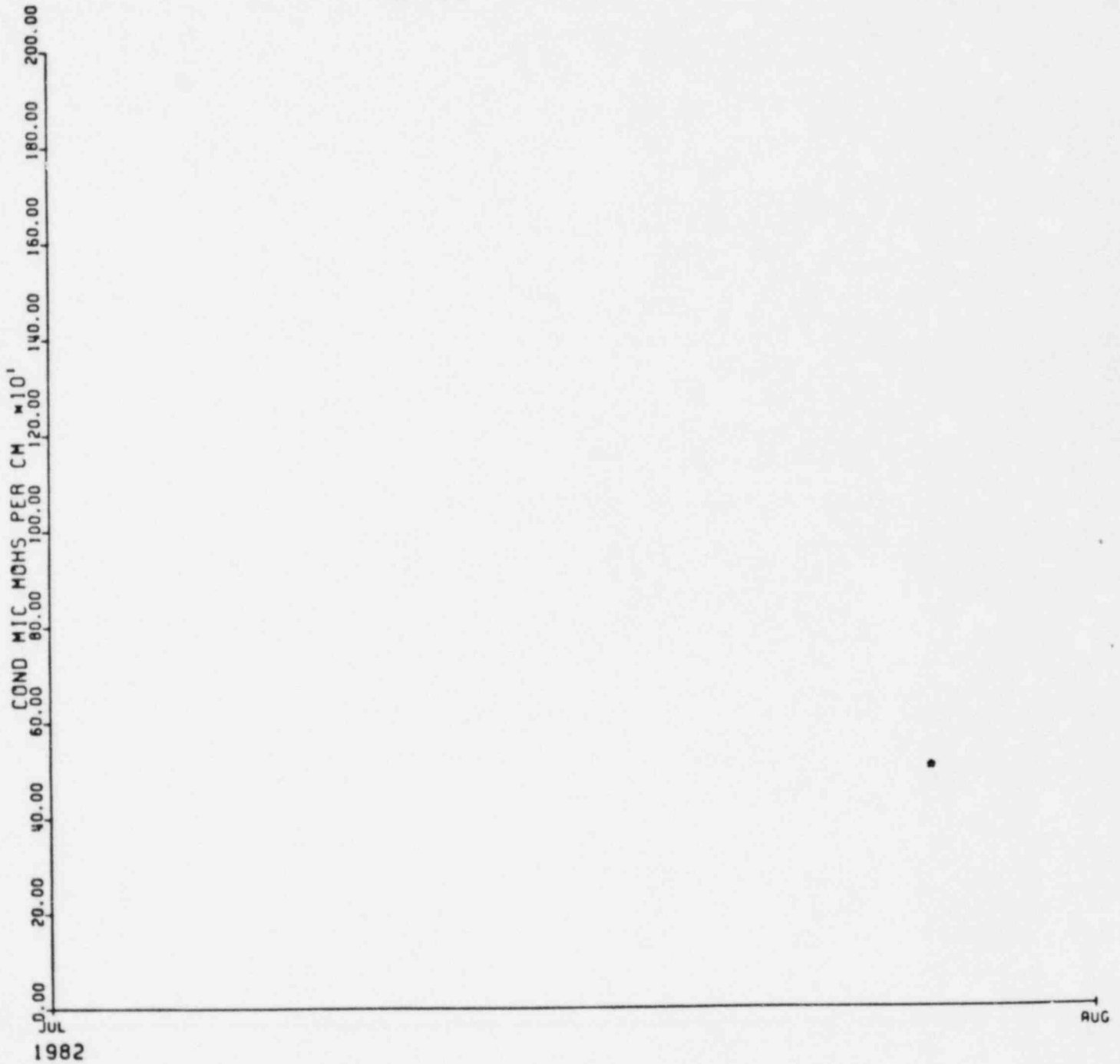


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP3 (203)

CONDUCTIVITY VS TIME
1981-1982

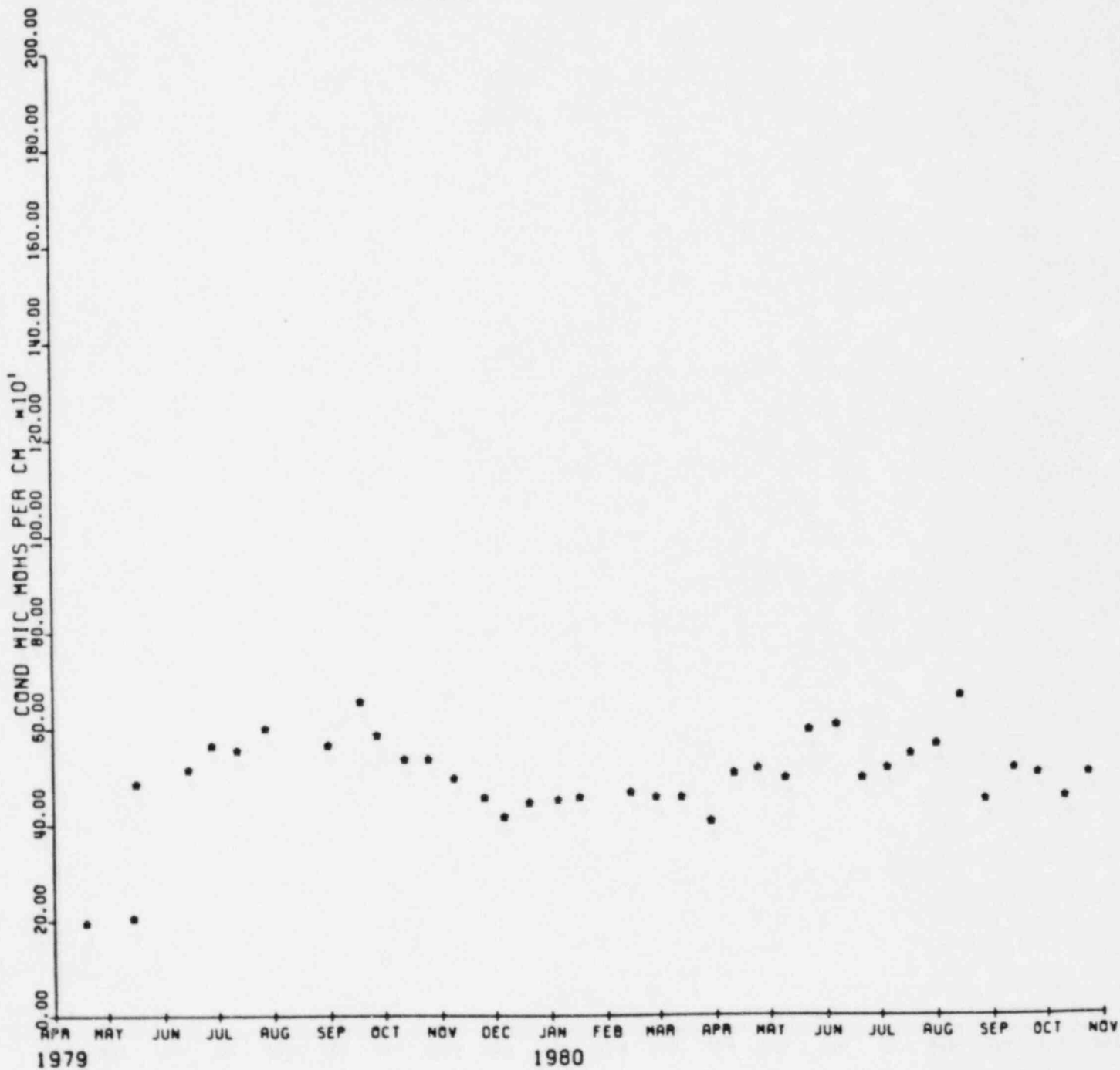


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL OP4 (204)

CONDUCTIVITY VS TIME
1973-1980

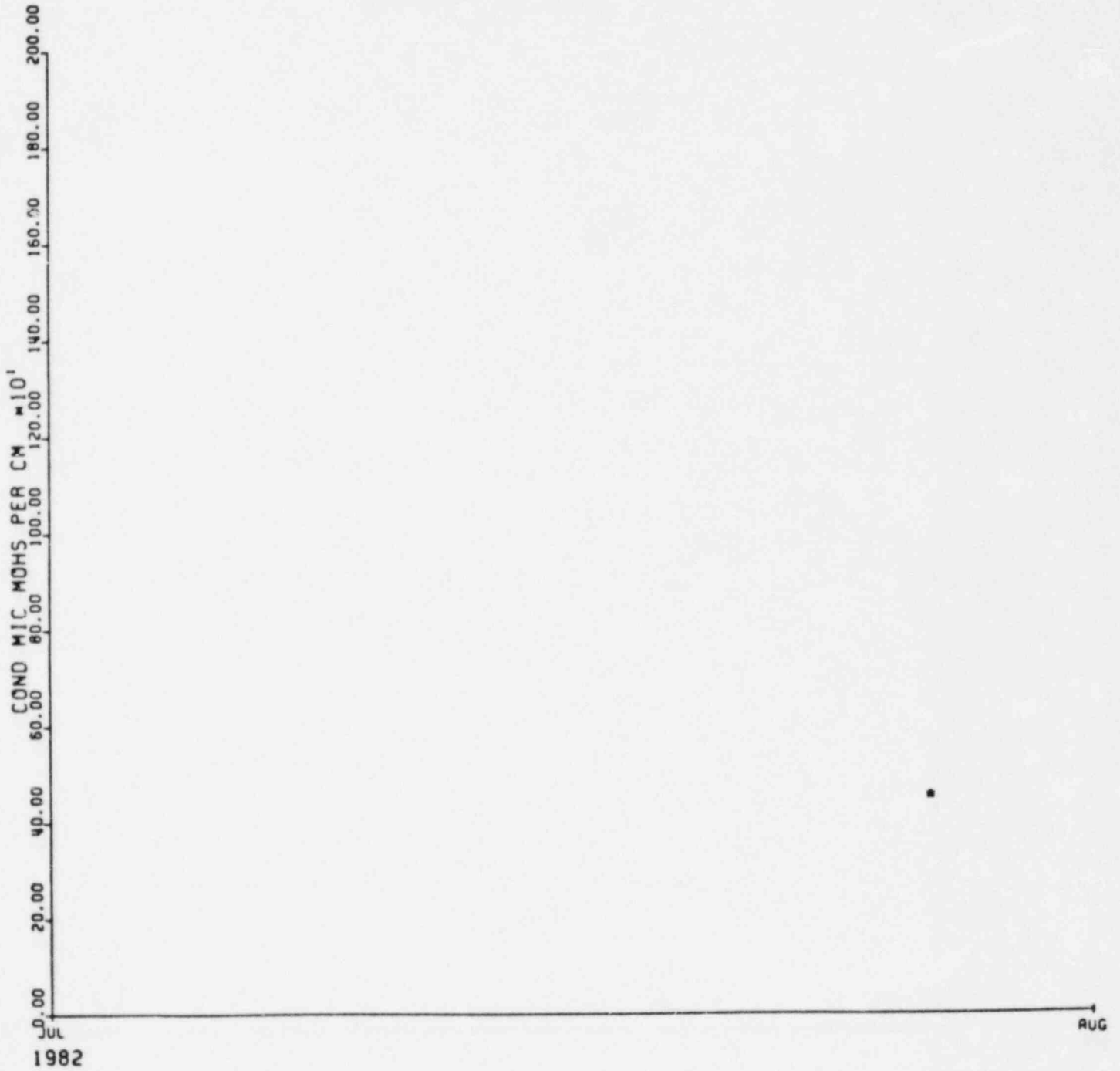


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL OP4 (204)

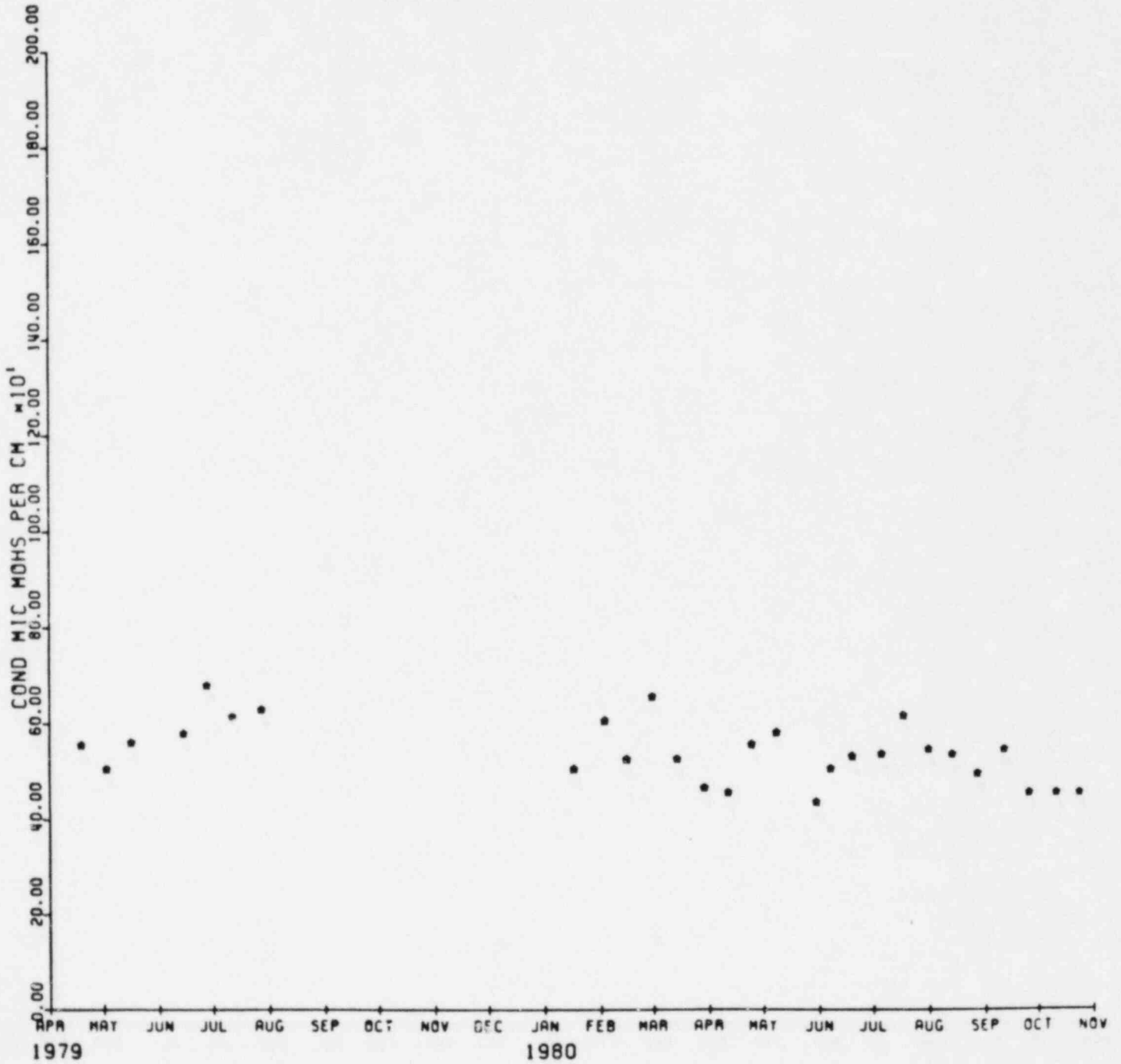
CONDUCTIVITY VS TIME
1981-1982



EXXON MINERALS COMPANY

HIGHLAND GRANT OPERATIONS

SOLUTION WELL OPS (205)
CONDUCTIVITY VS TIME
1979-1980



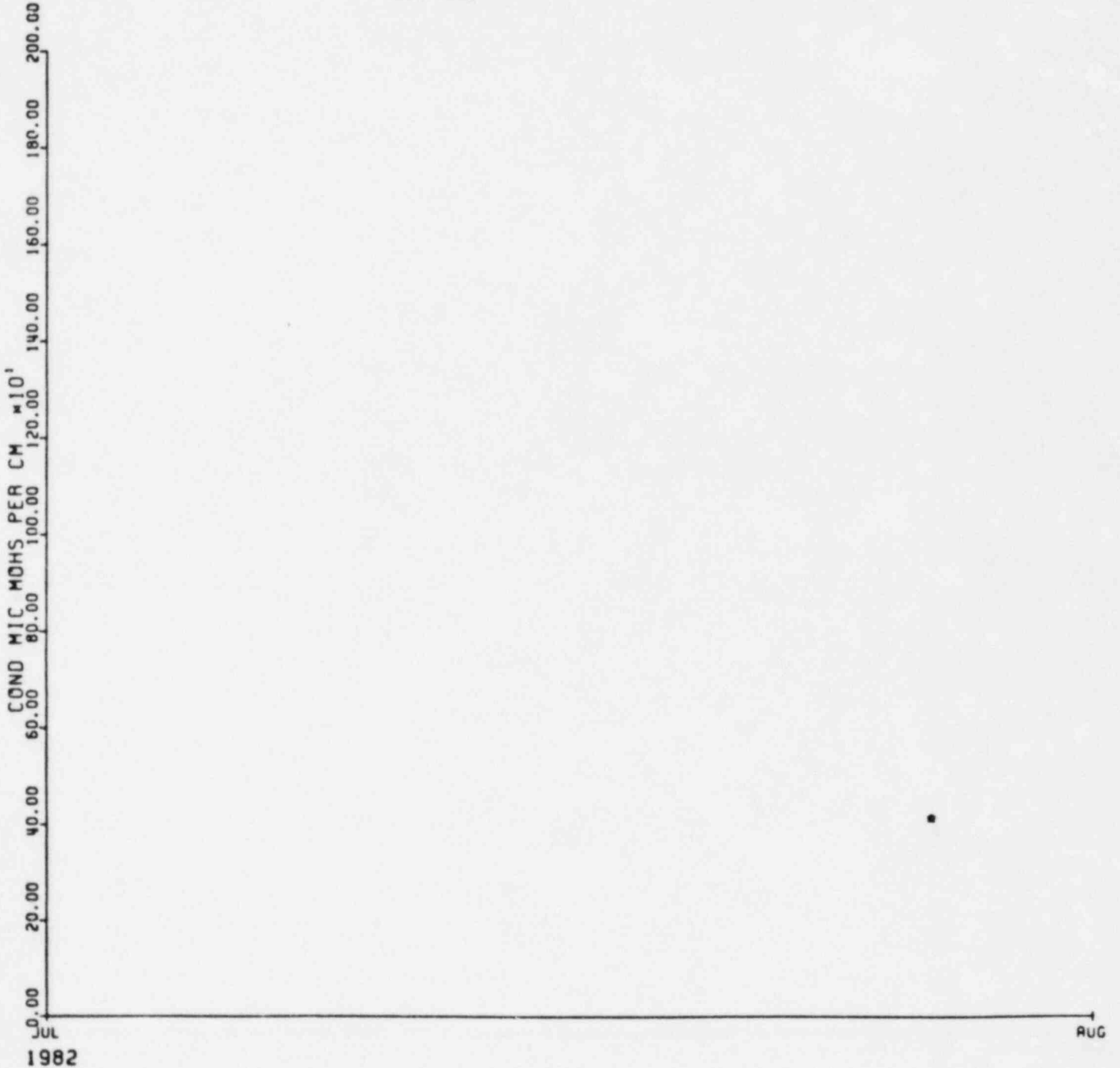
EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL OPS (205)

CONDUCTIVITY VS TIME

1981-1982

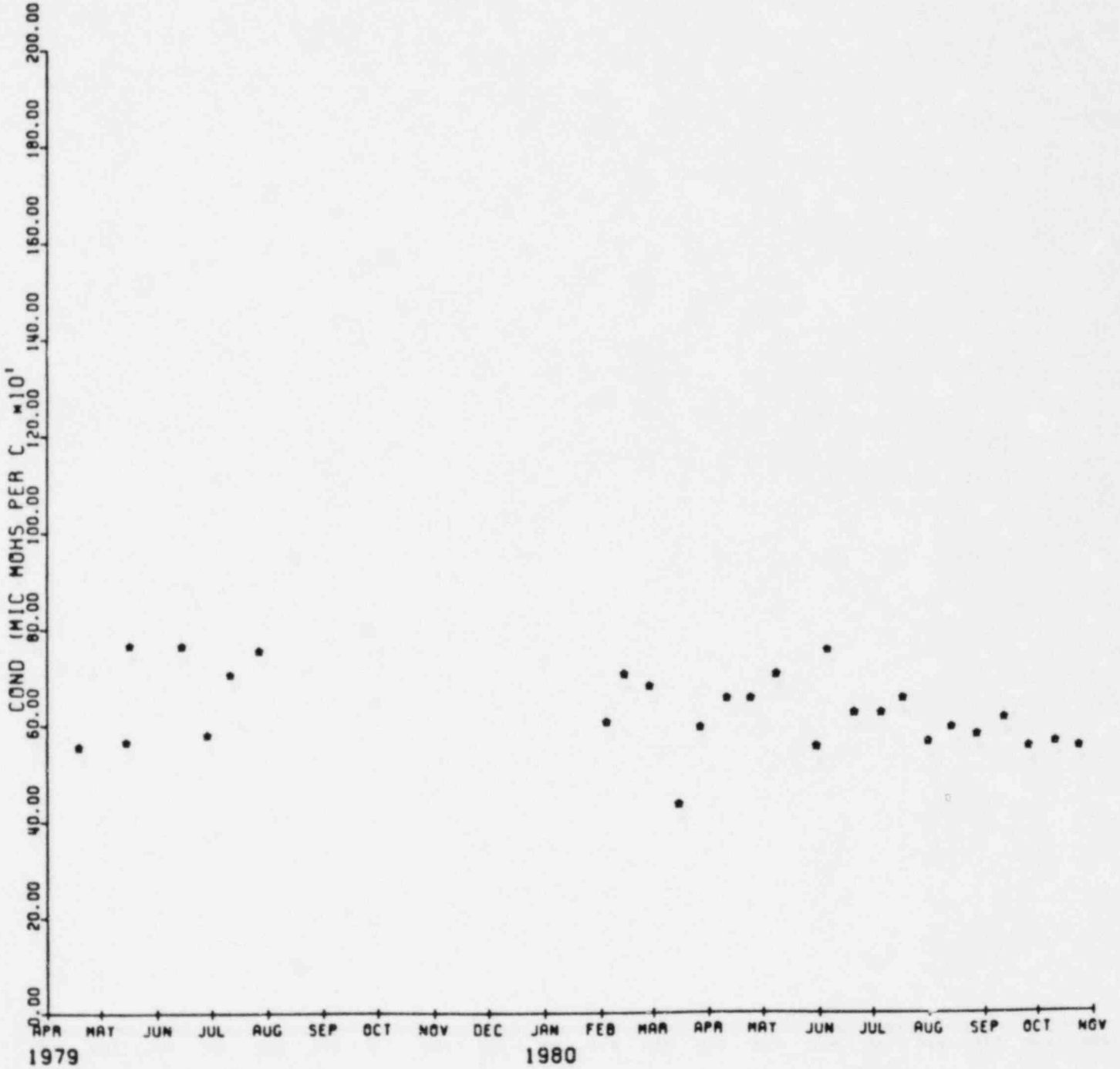


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP6 (206)

CONDUCTIVITY VS TIME
1979-1980

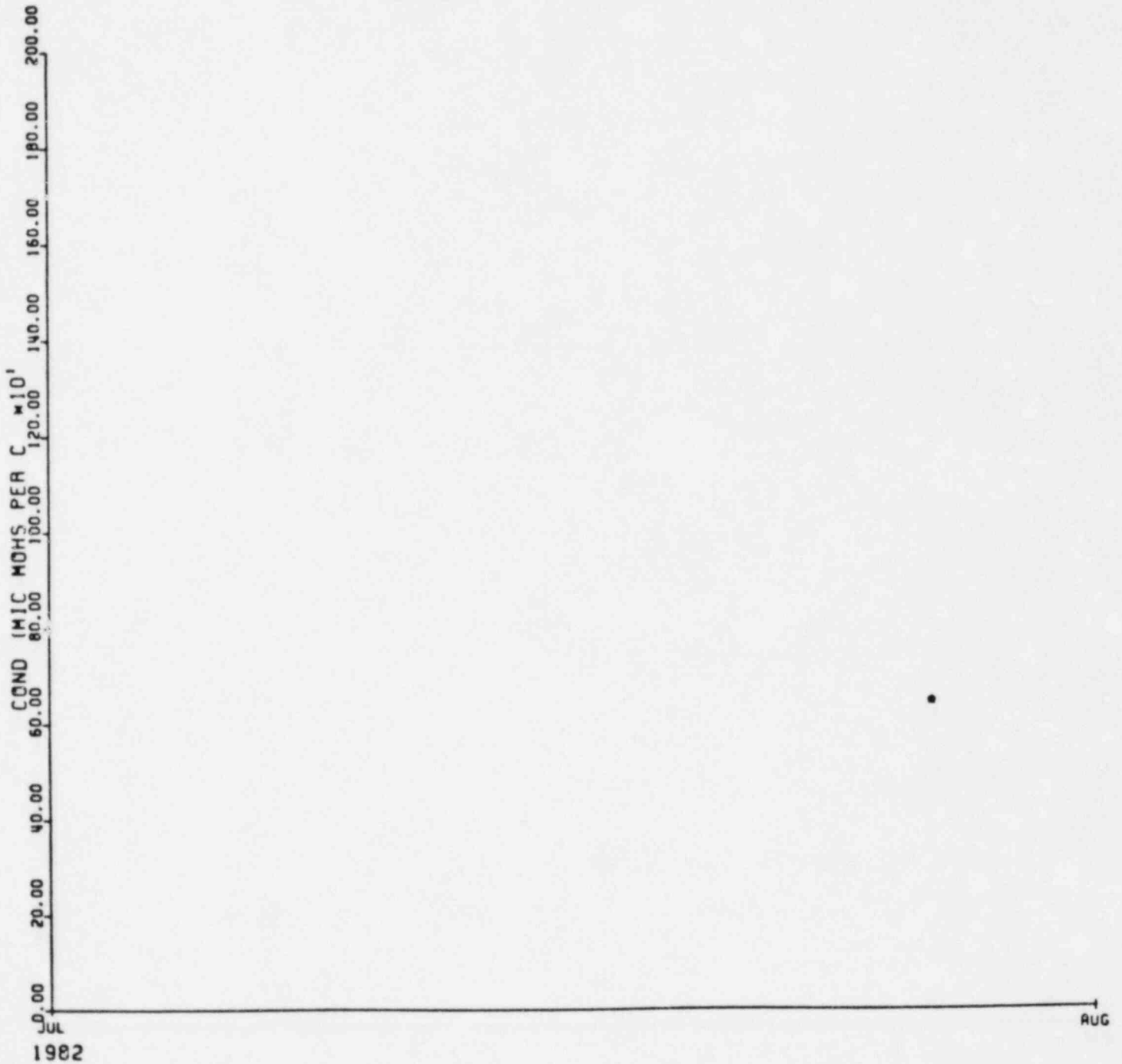


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP6 (206)

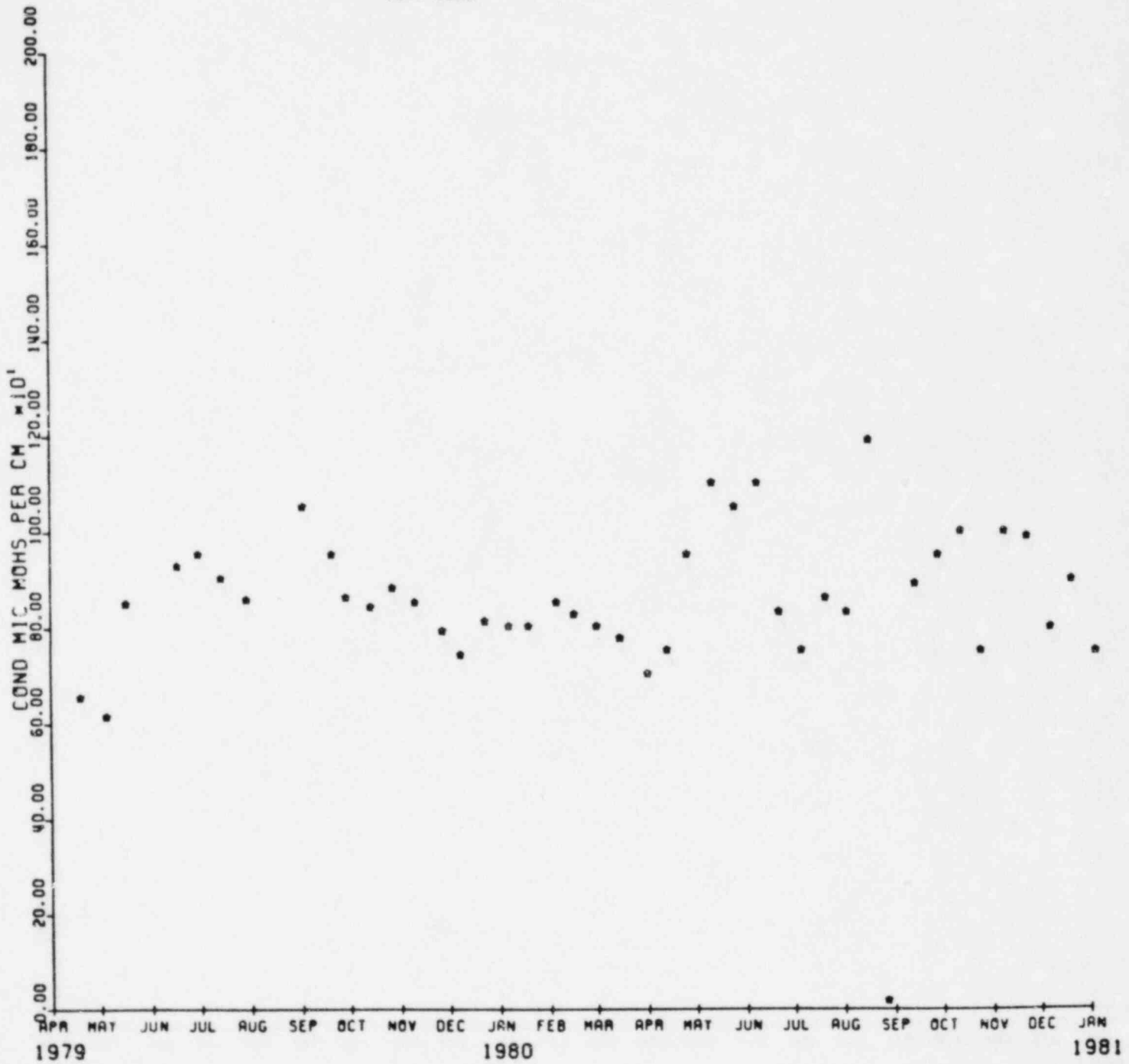
CONDUCTIVITY VS TIME
1981-1982



EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL 00 7 (209)
CONDUCTIVITY VS TIME
1979-1980

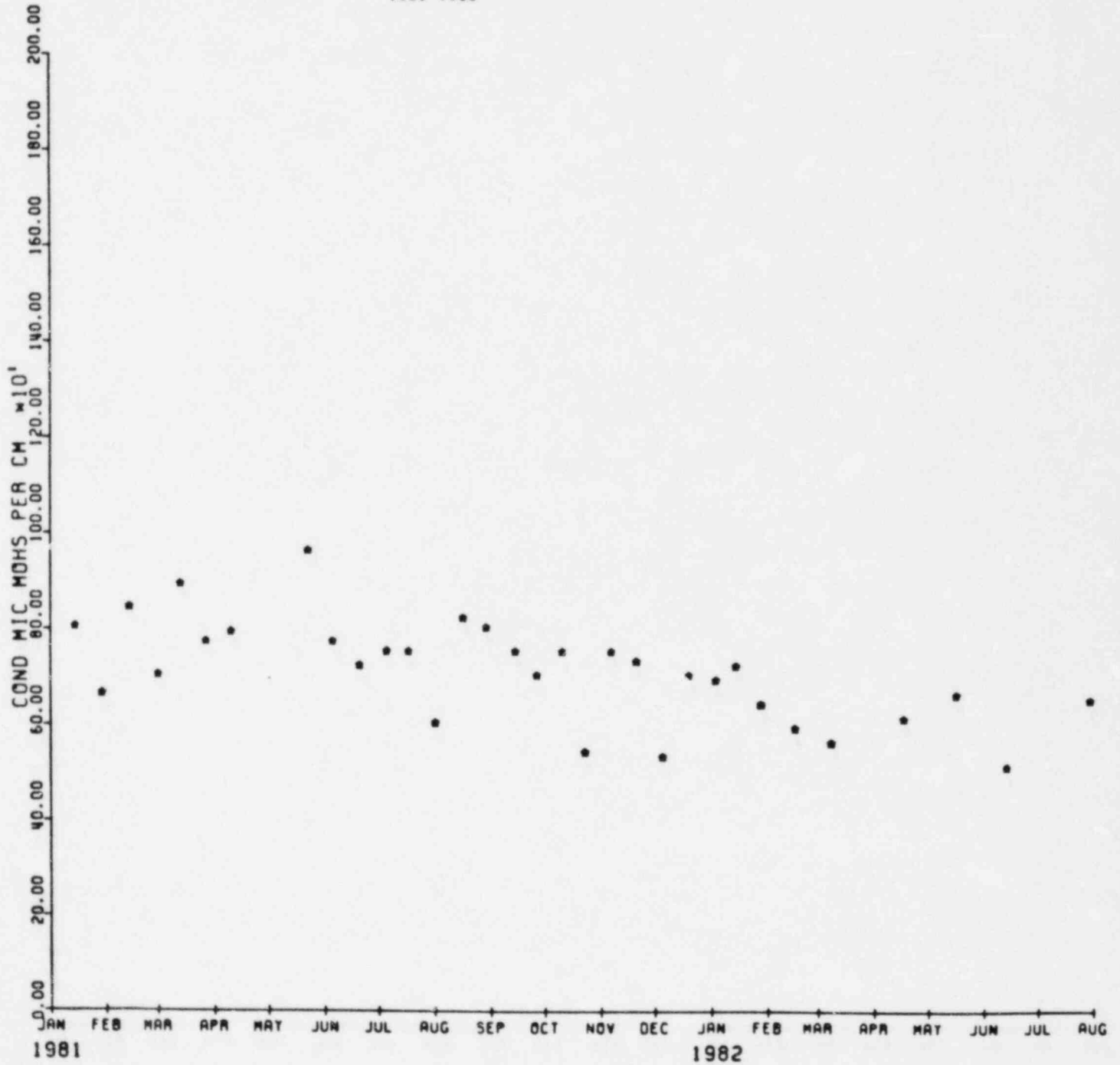


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL 00 7 (209)

CONDUCTIVITY VS TIME
1981-1982

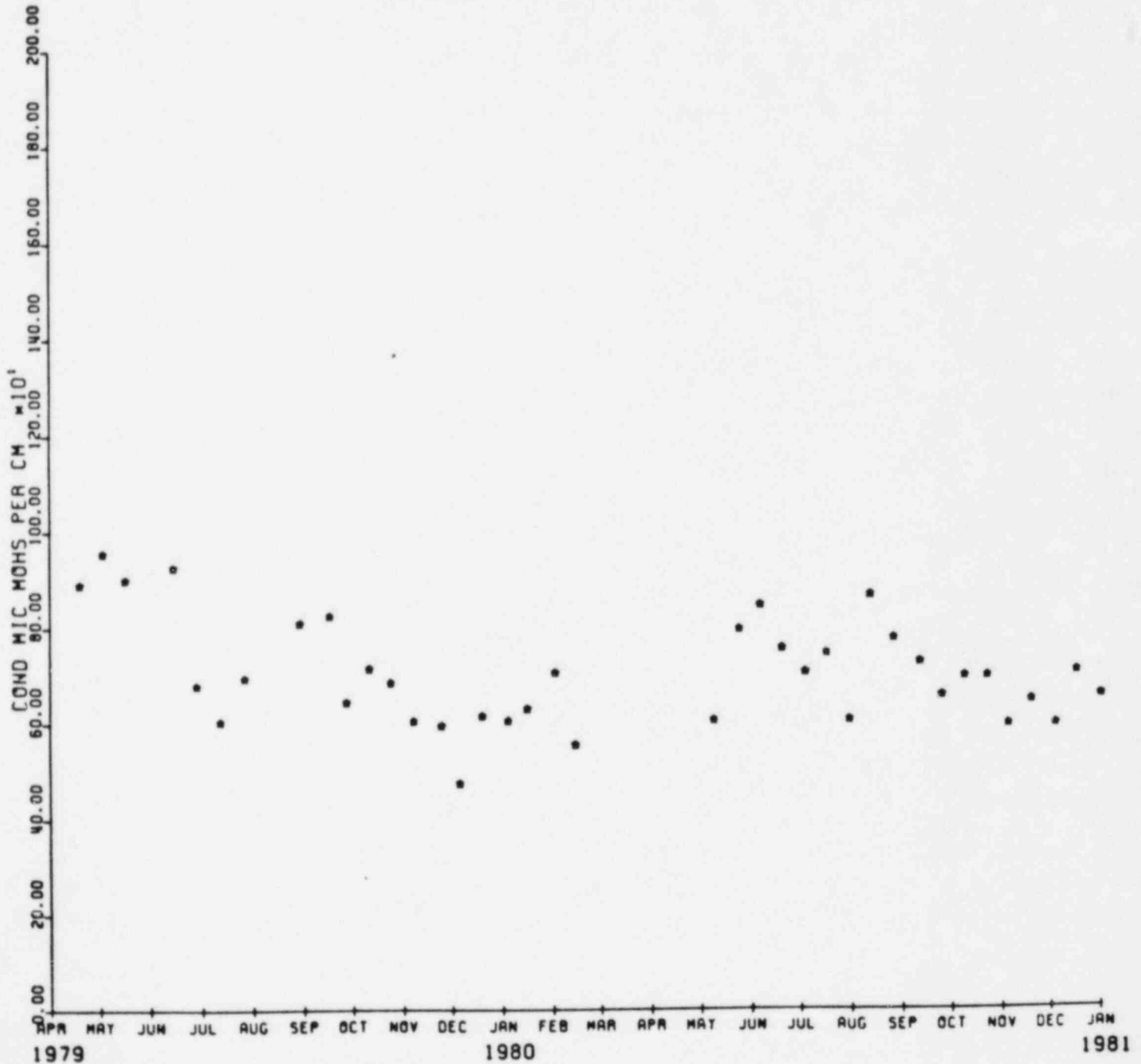


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 8 (210)

CONDUCTIVITY VS TIME
1979-1980

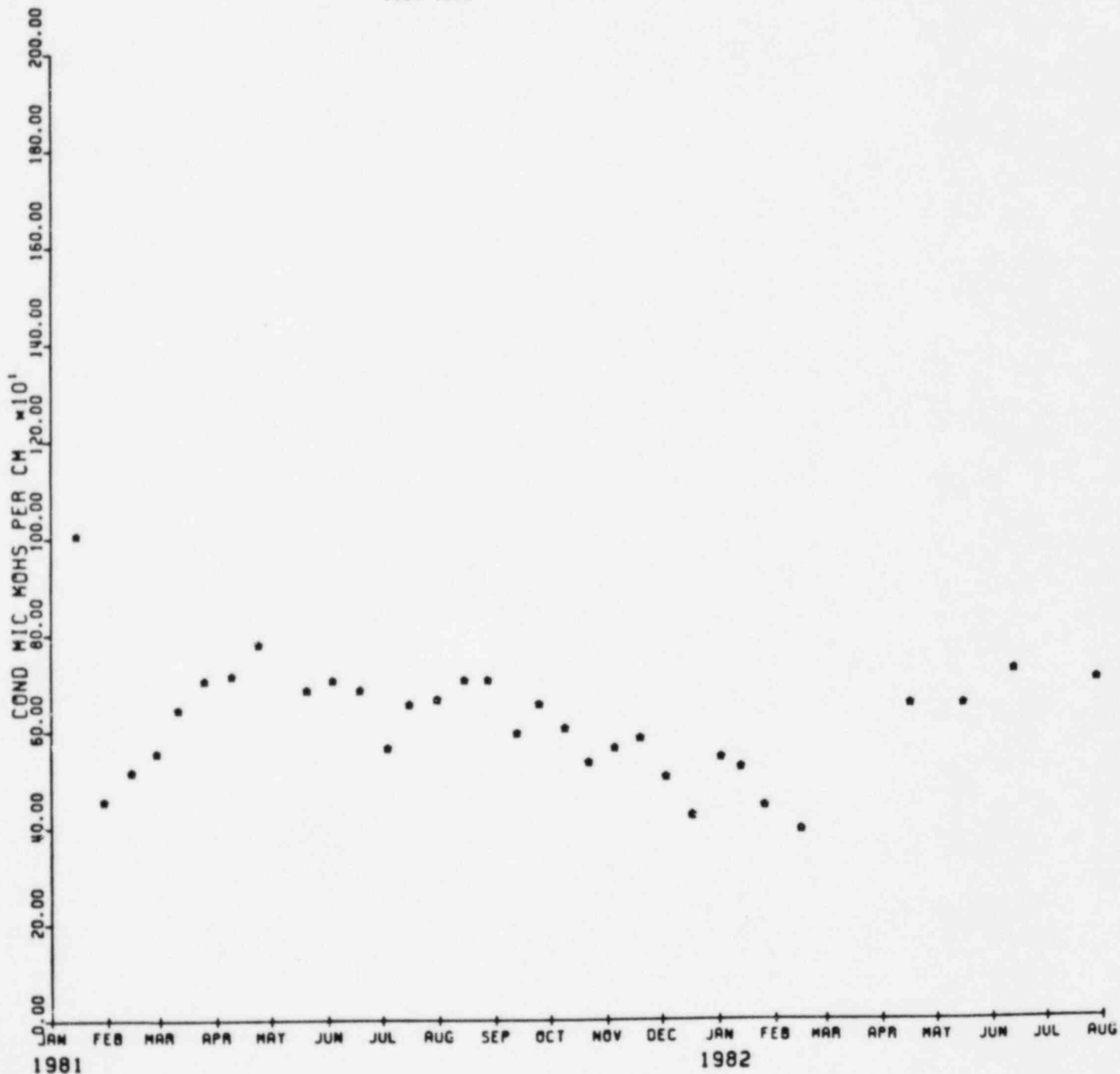


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 8 (210)

CONDUCTIVITY VS TIME
1981-1982

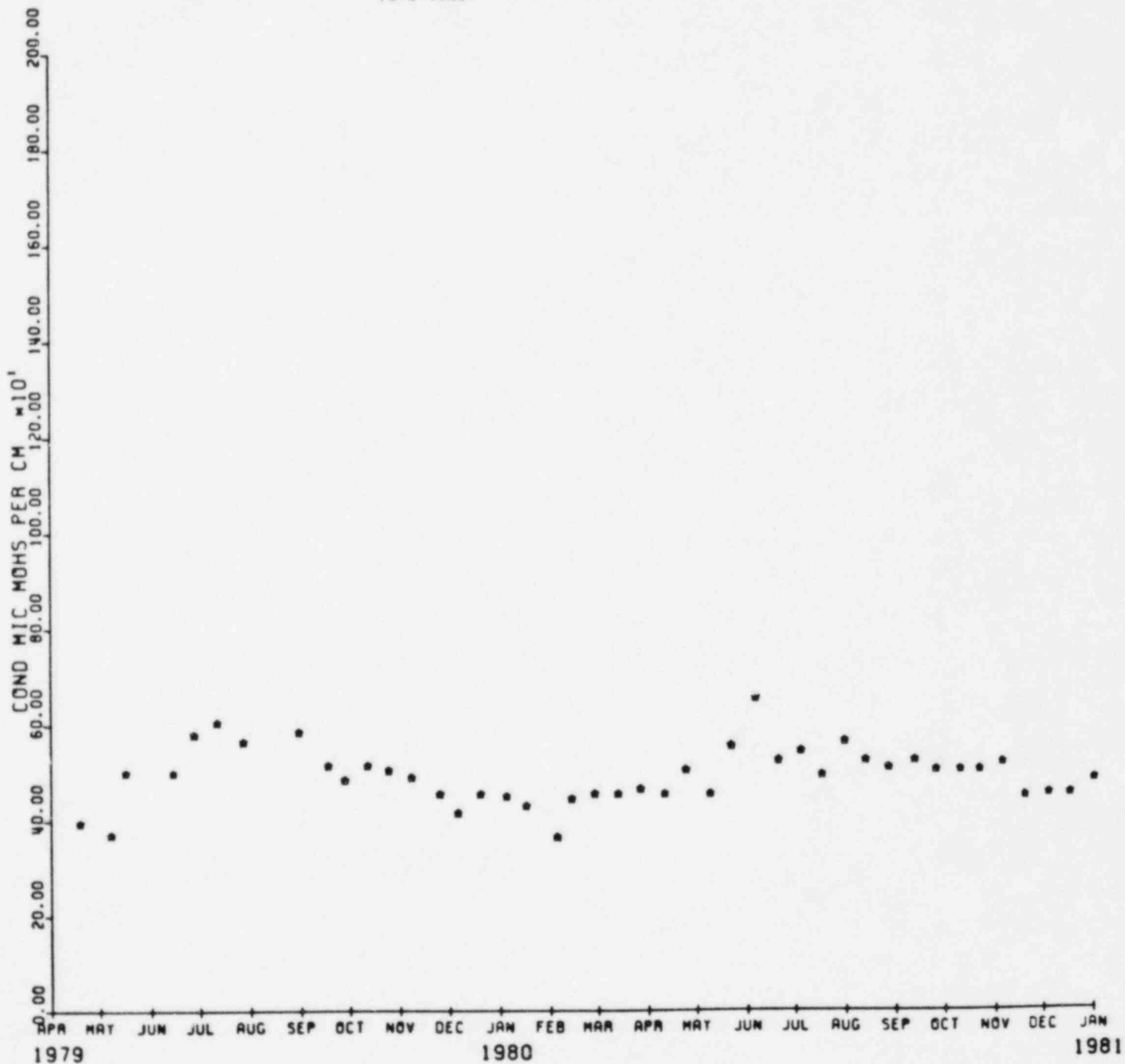


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 9 (211)

CONDUCTIVITY VS TIME
1979-1980

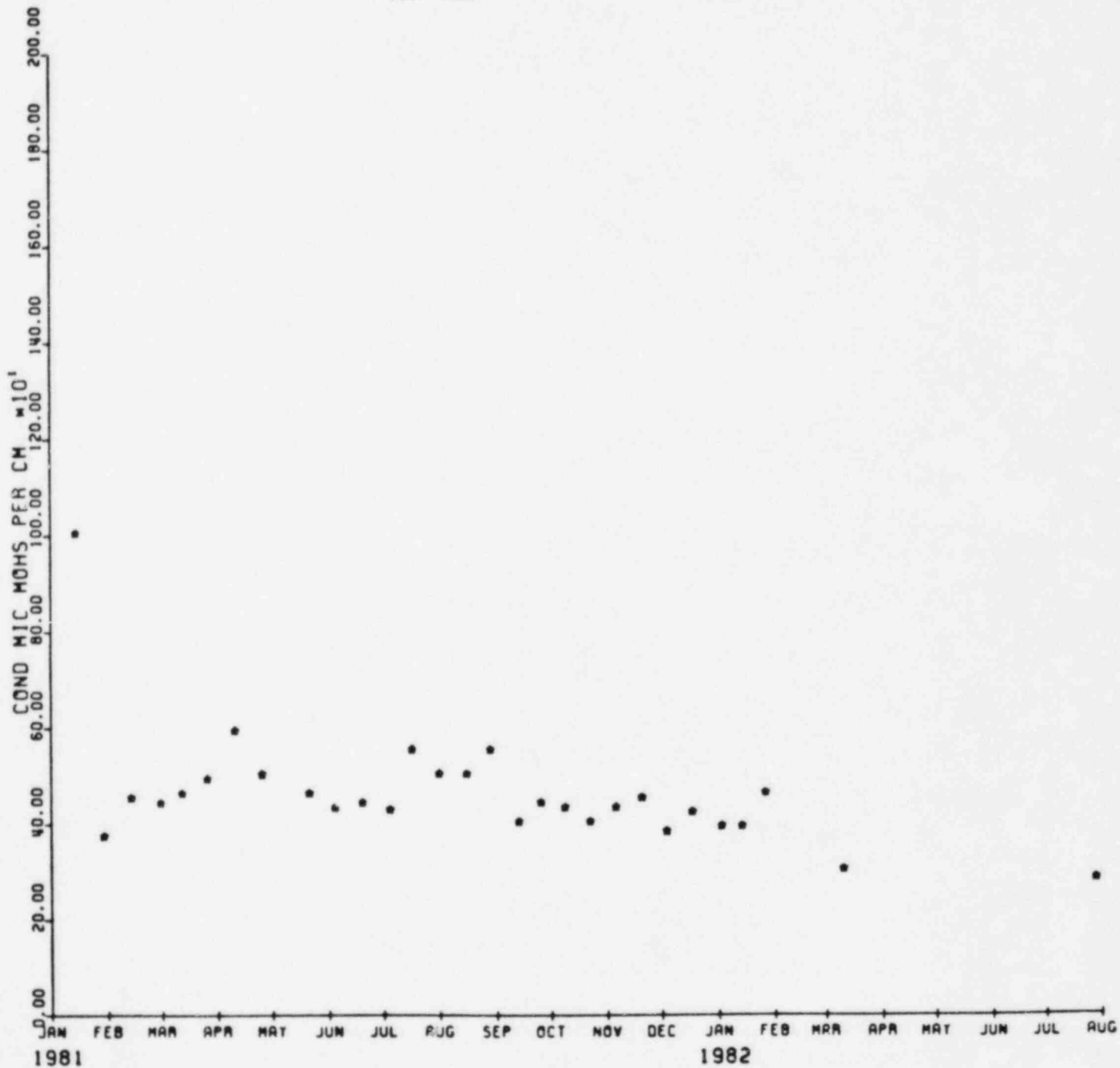


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 9 (211)

CONDUCTIVITY VS TIME
1981-1982

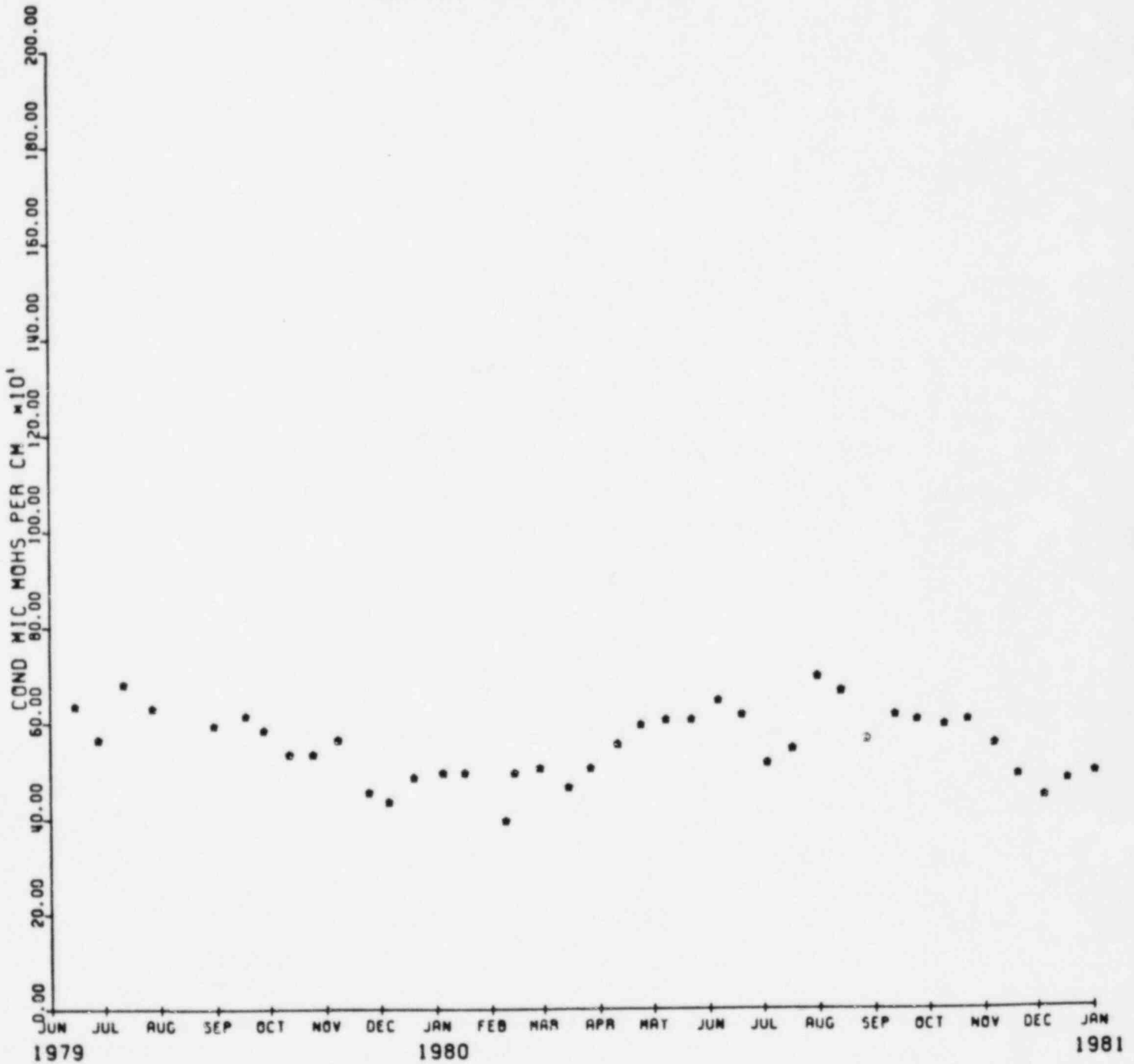


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 10 (212)

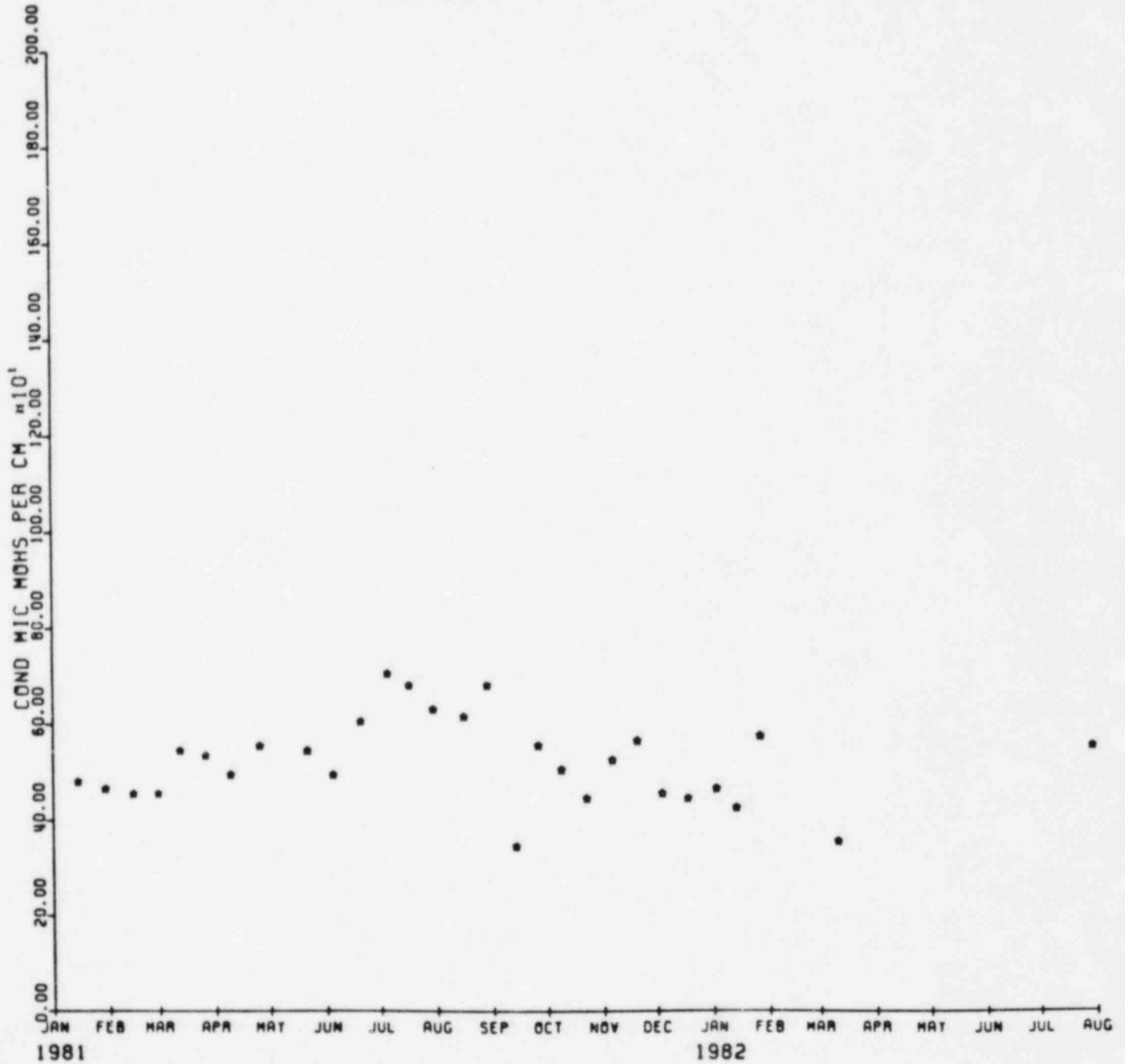
CONDUCTIVITY VS TIME
1979-1980



EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 10 (212)
CONDUCTIVITY VS TIME
1981-1982

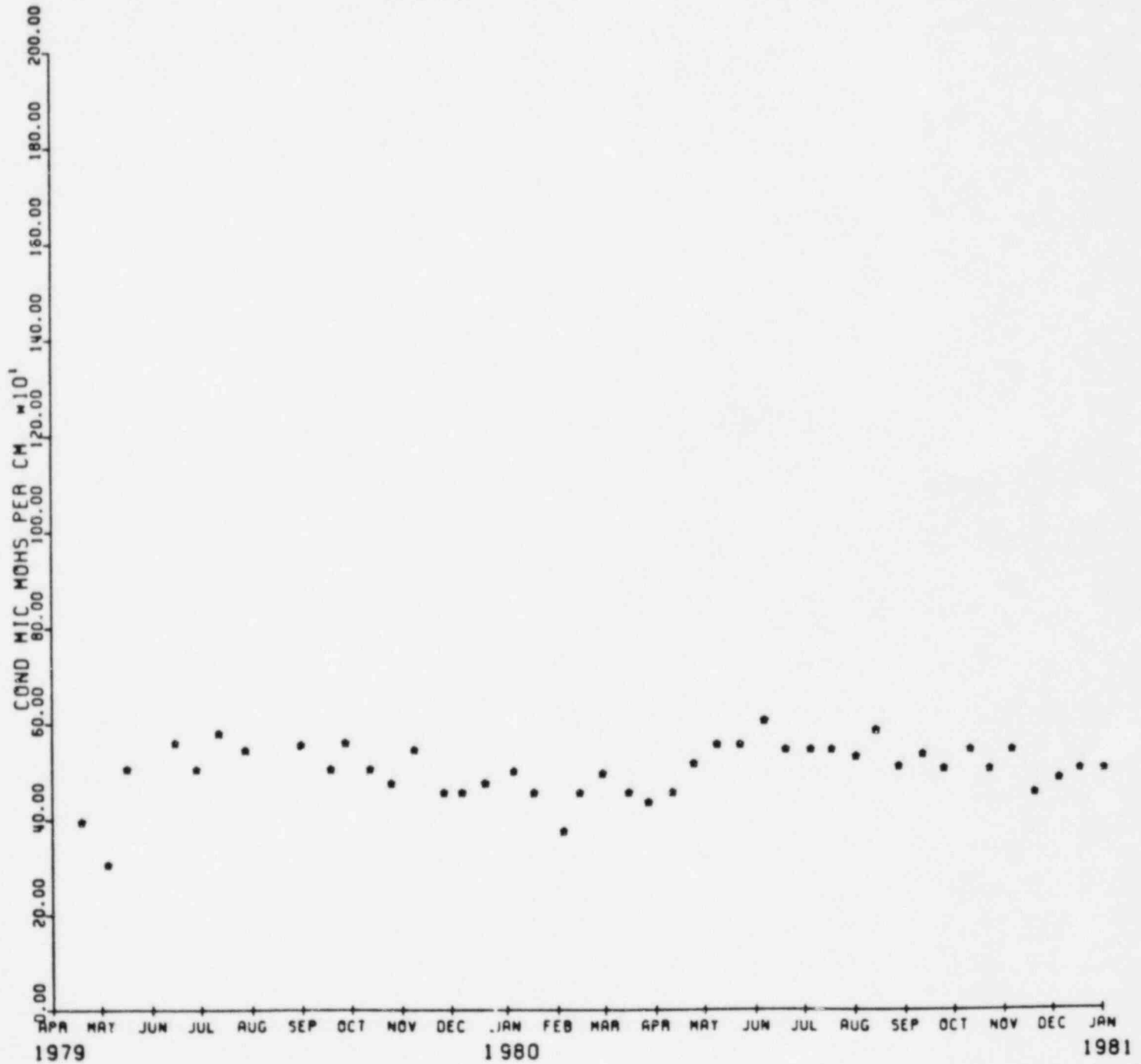


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 0011 (213)

CONDUCTIVITY VS TIME
1979-1980

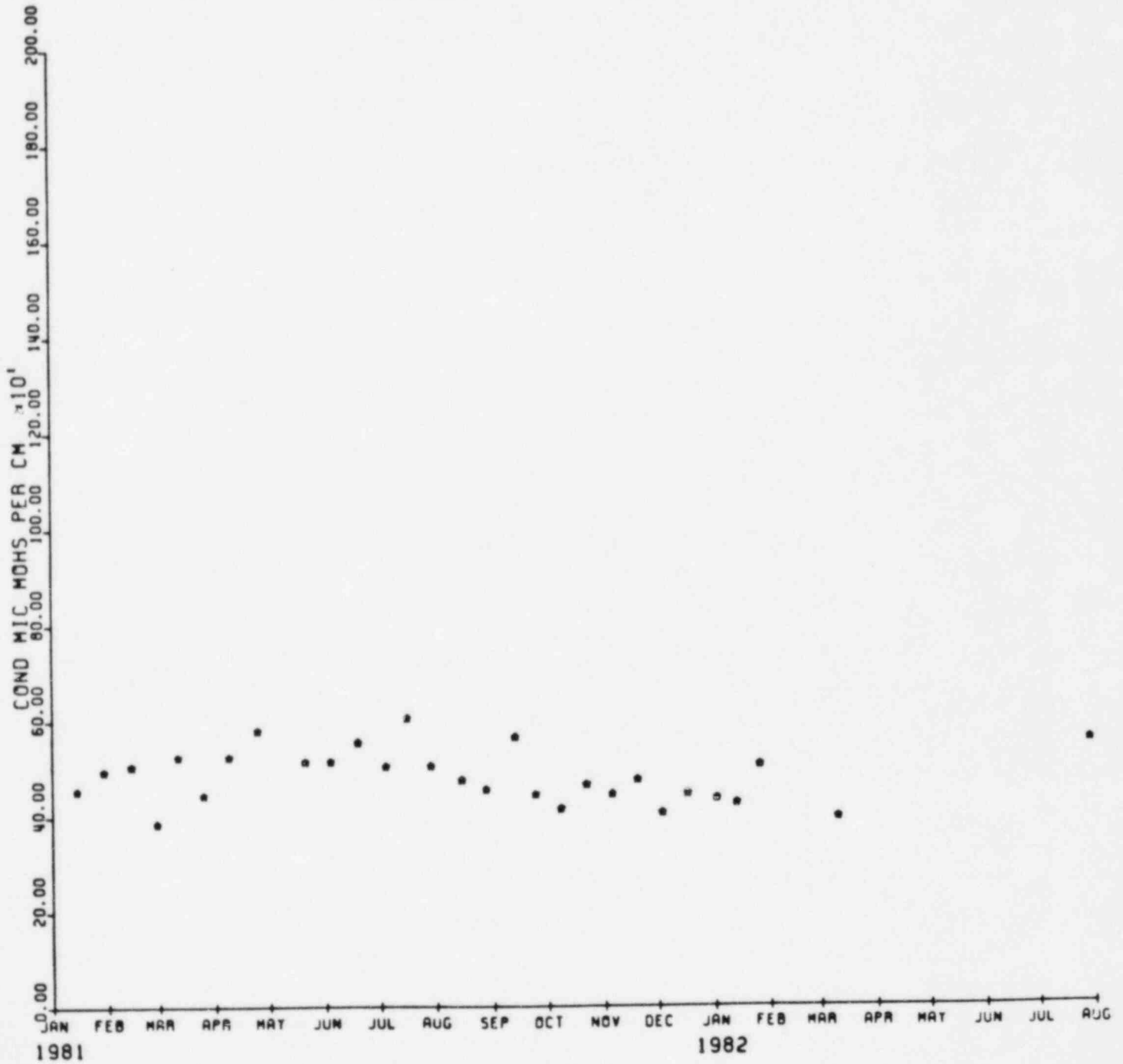


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 0011 (213)

CONDUCTIVITY VS TIME
1981-1982

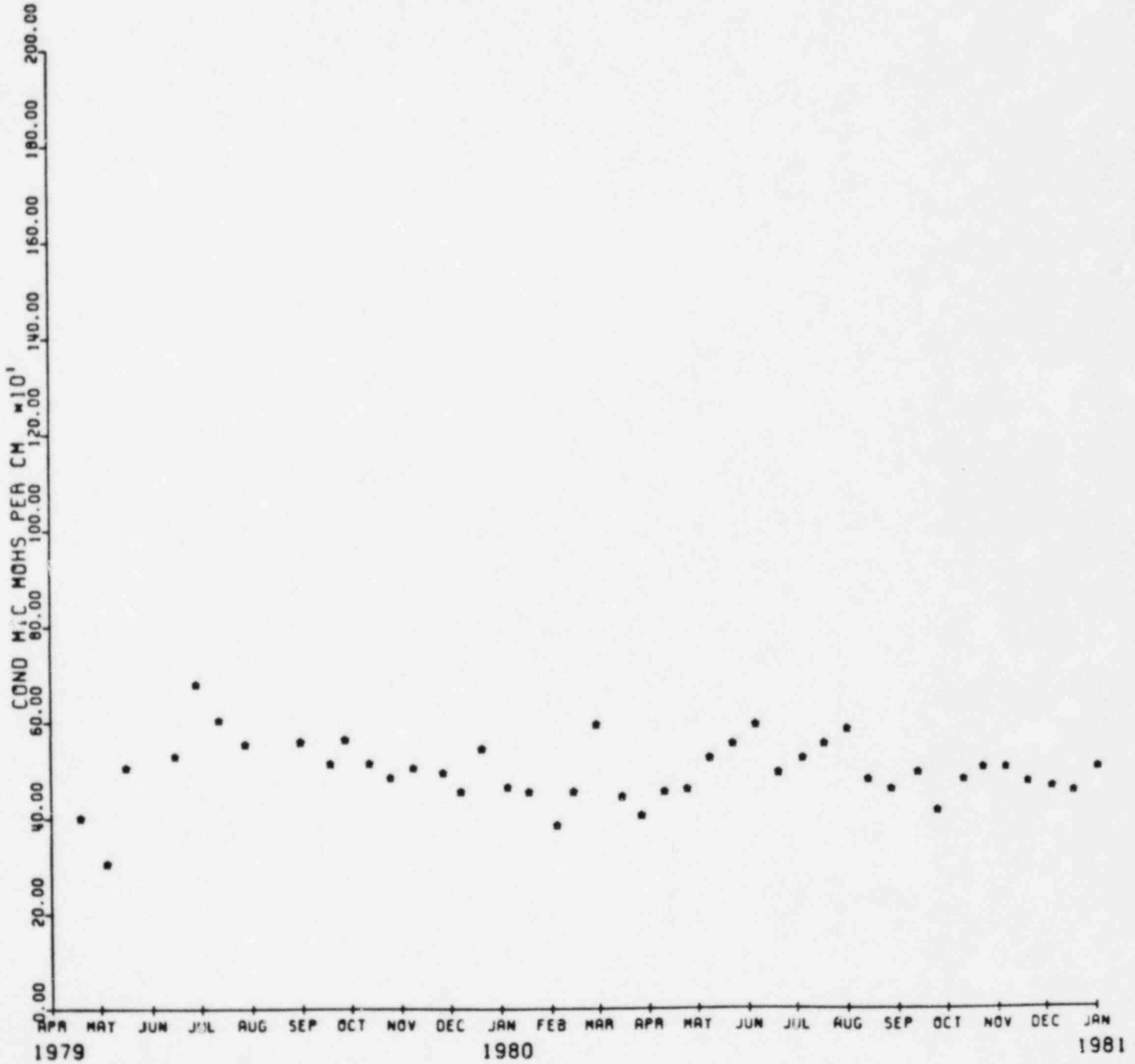


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 0012 (214)

CONDUCTIVITY VS TIME
1979-1980



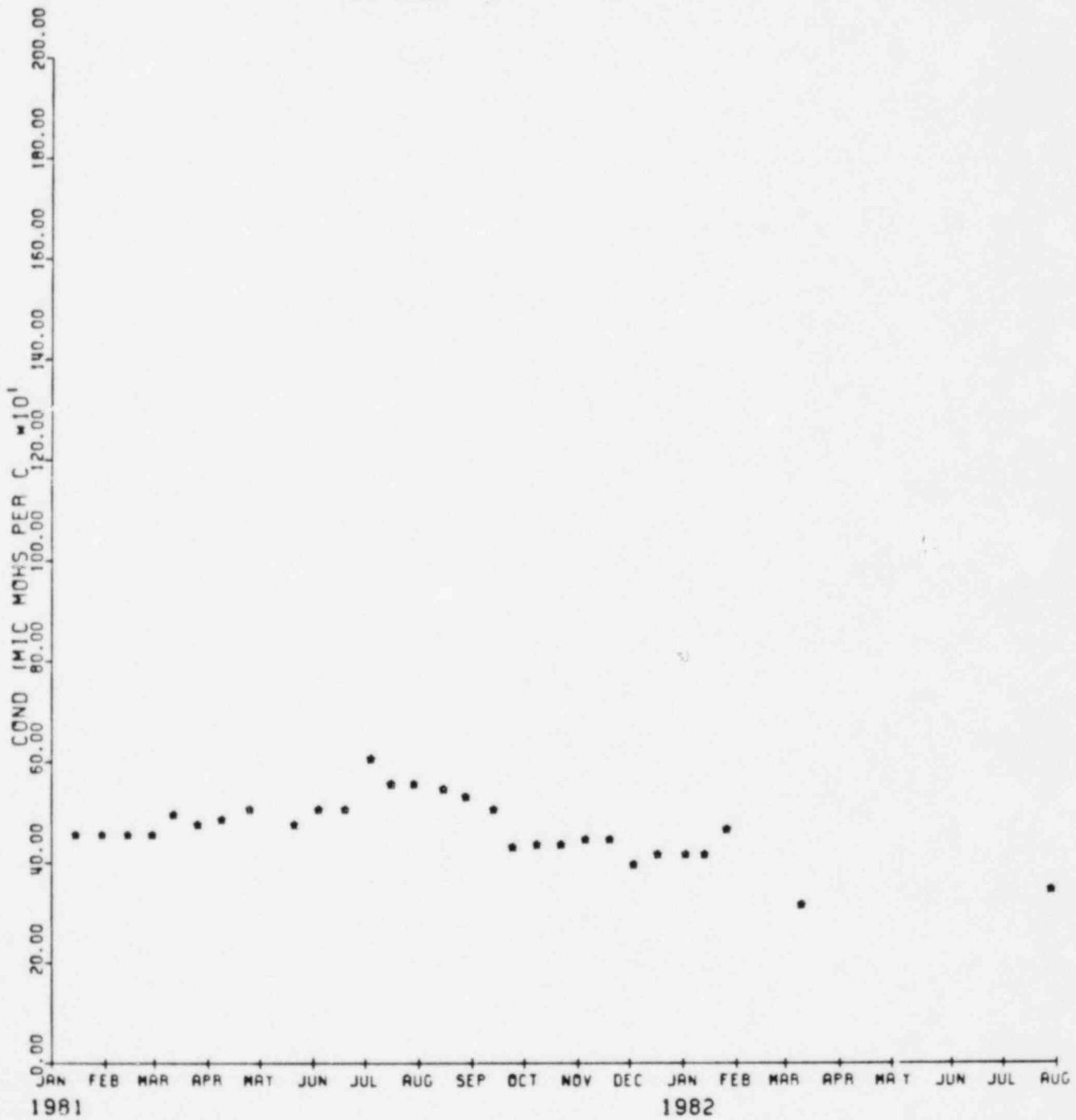
EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 0012 (214)

CONDUCTIVITY VS TIME

1981, 1982

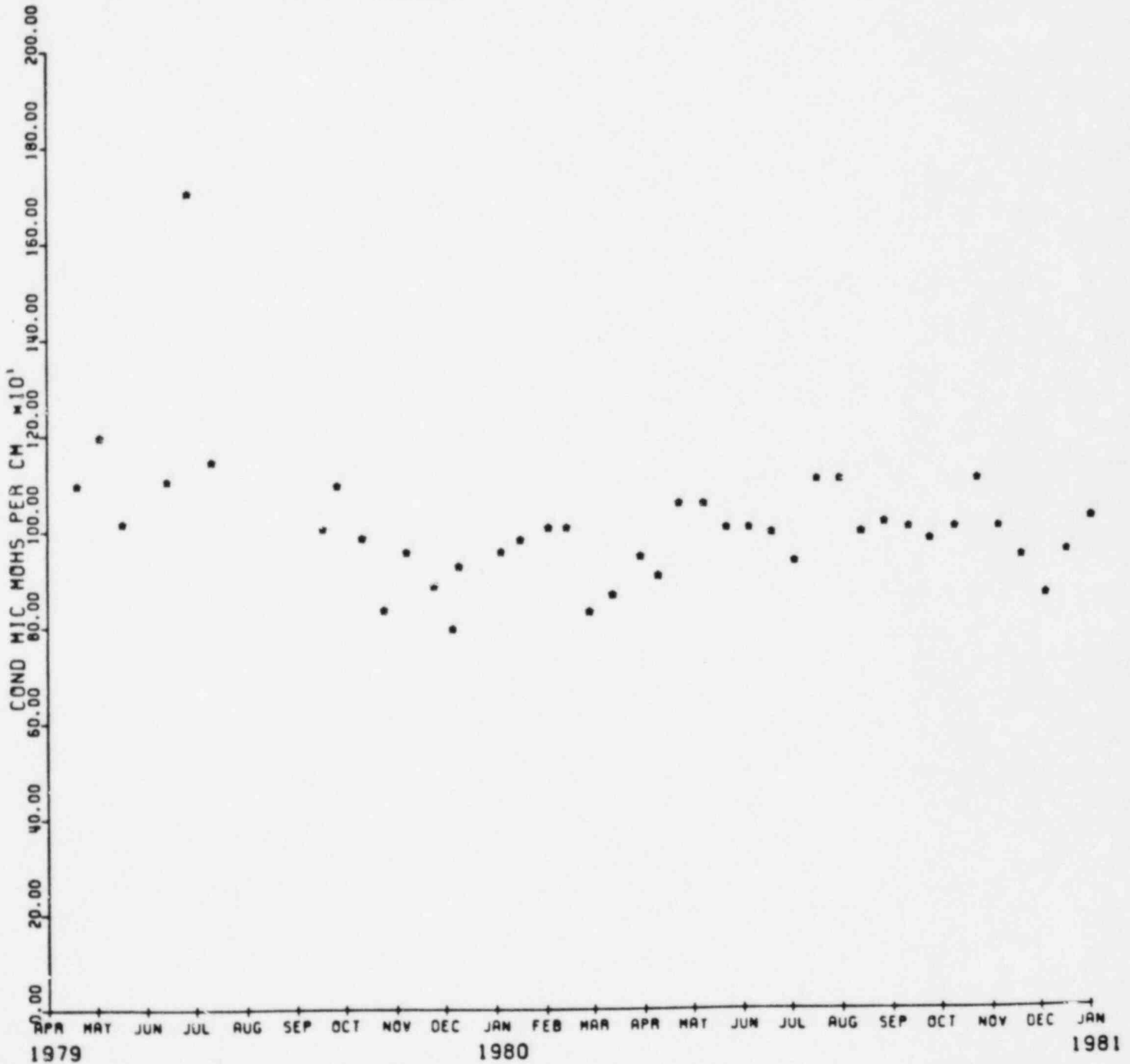


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP13 (207)

CONDUCTIVITY VS TIME
1979-1980

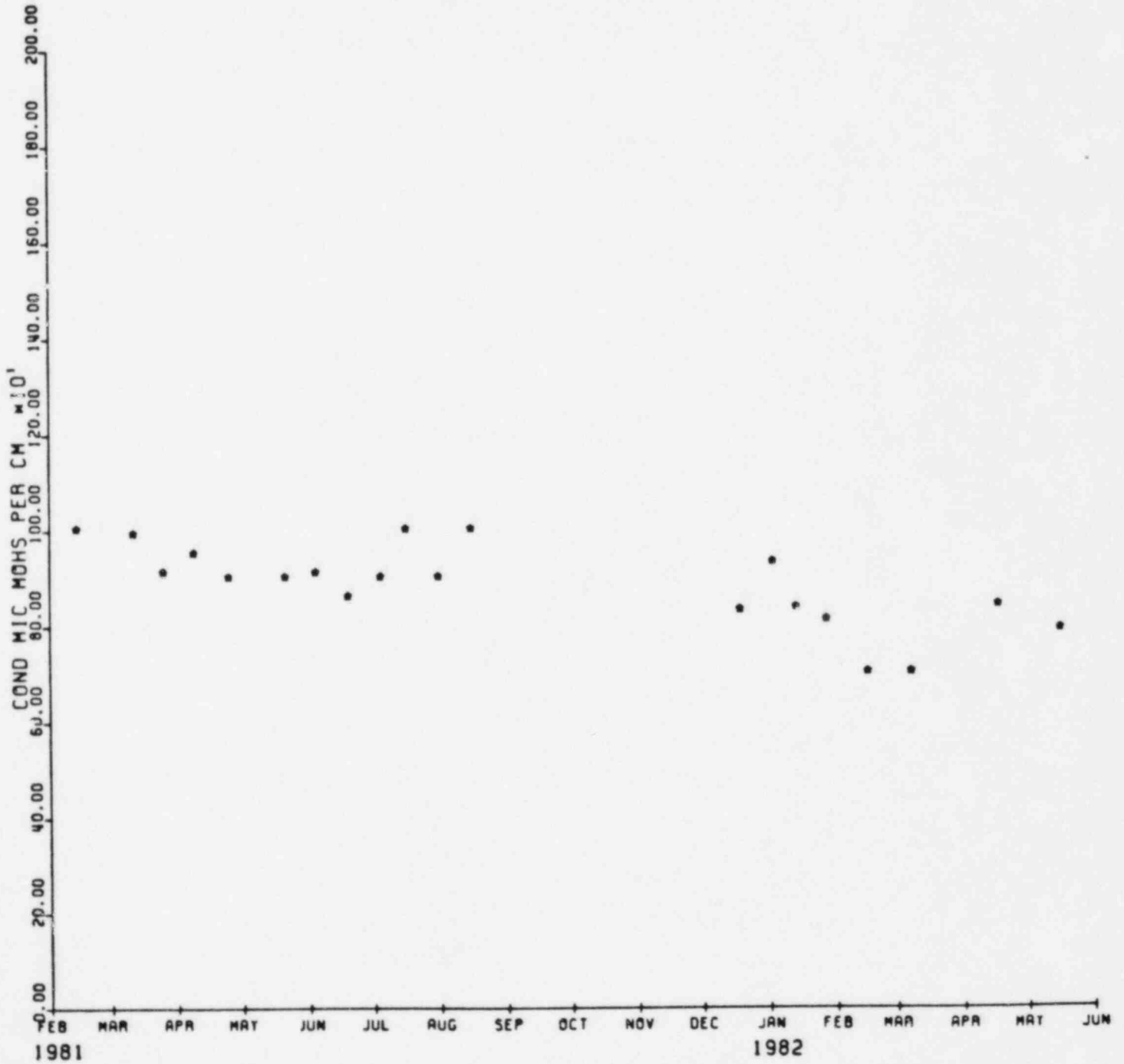


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP13 (207)

CONDUCTIVITY VS TIME
1981-1982

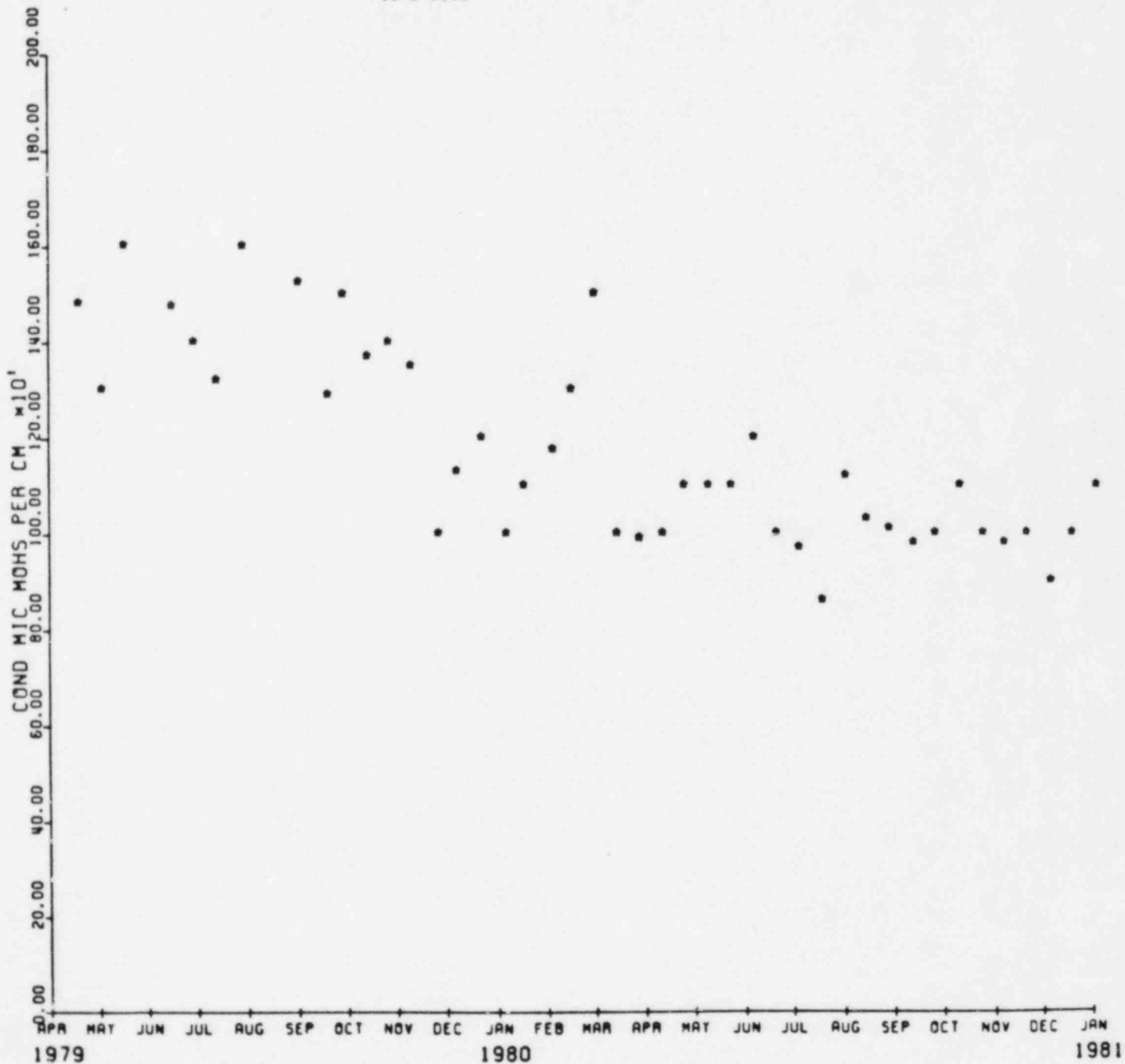


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP14 (208)

CONDUCTIVITY VS TIME
1979-1980



• 2300

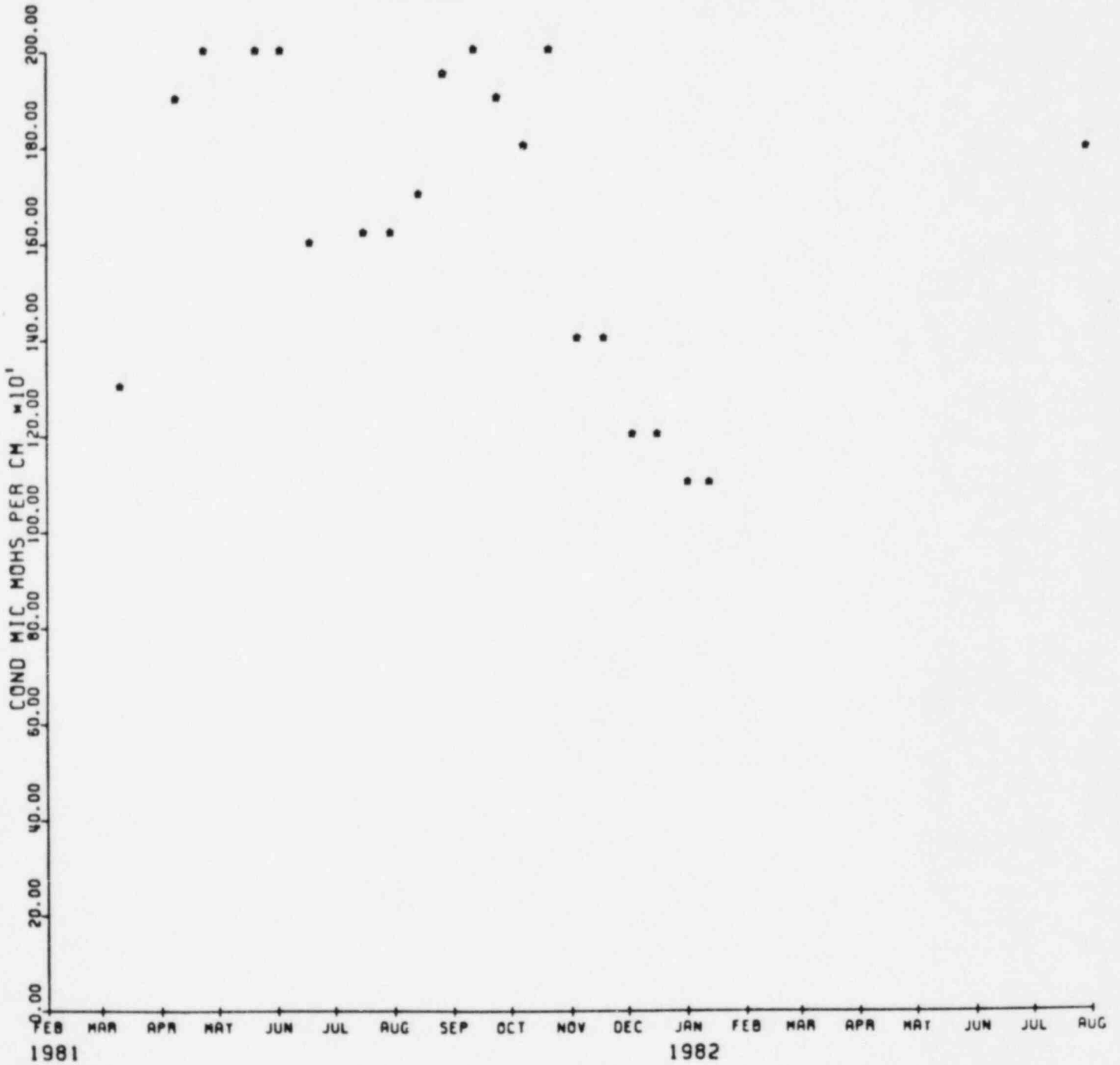
• 2500

EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP14 (208)

CONDUCTIVITY VS TIME
1981-1982

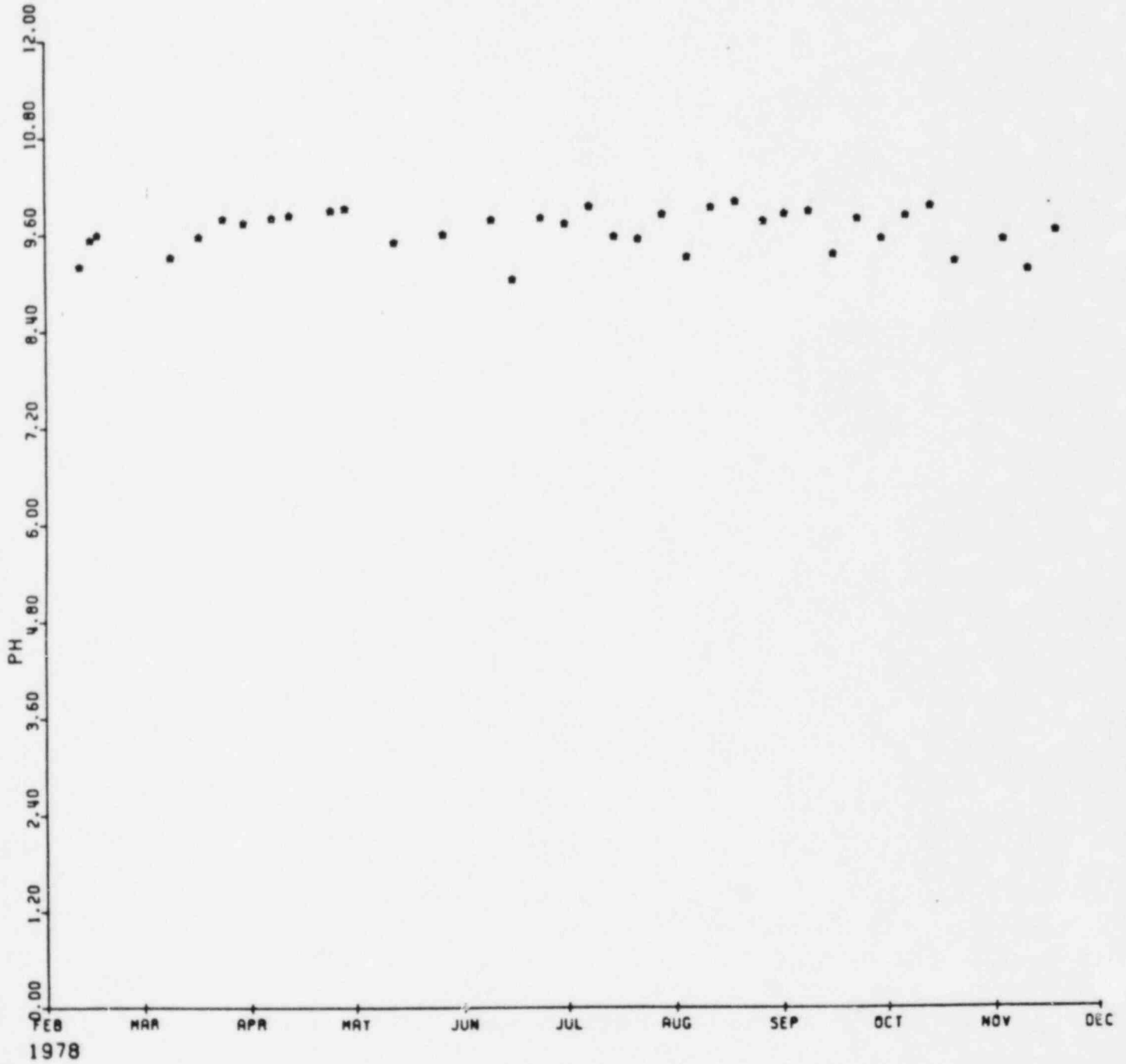


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP INJ (200)

PH VS TIME
1977-1978



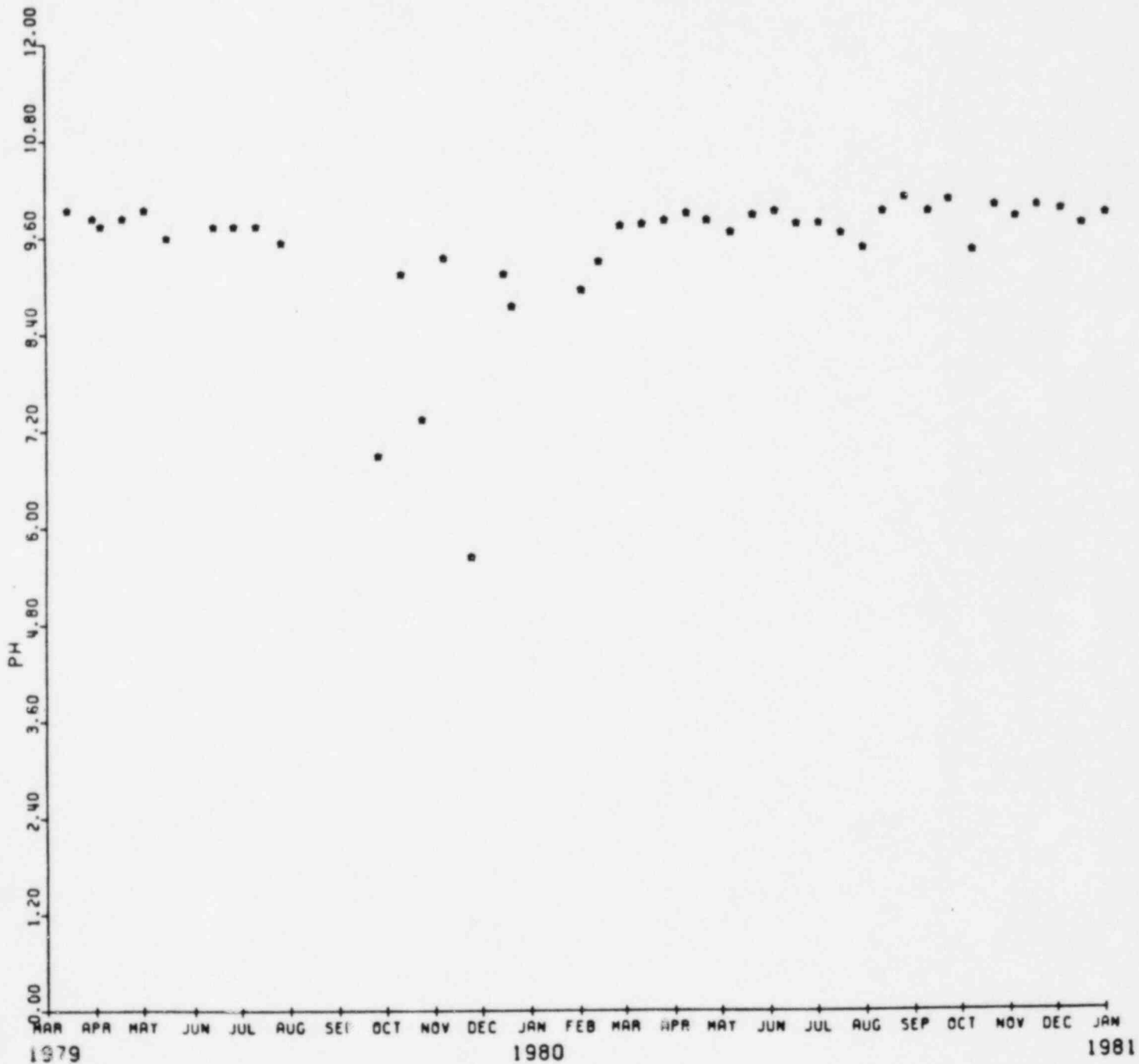
EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP INJ (200)

PH VS TIME

1979-1980



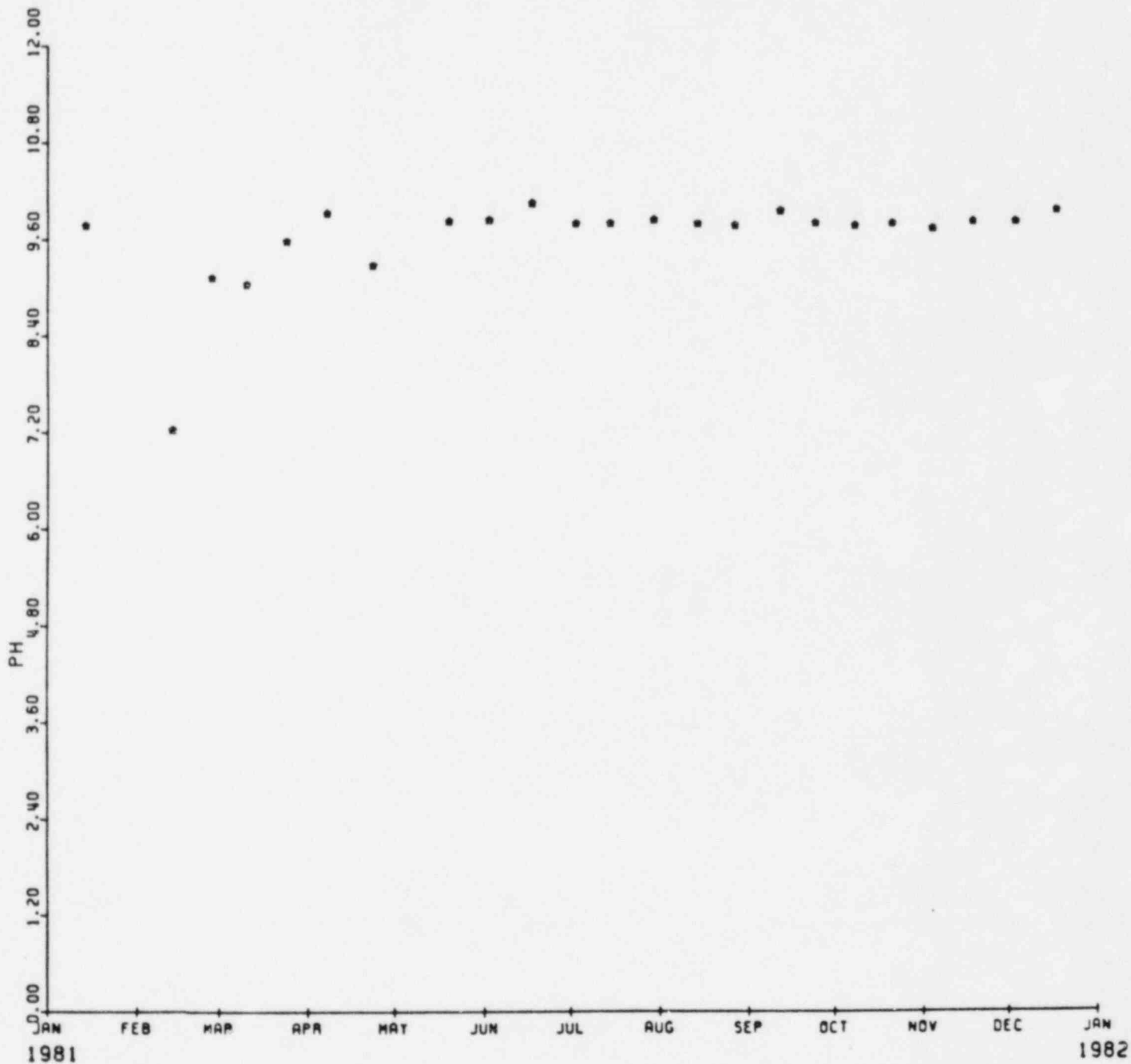
EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP INJ (200)

PH VS TIME

1981-1982



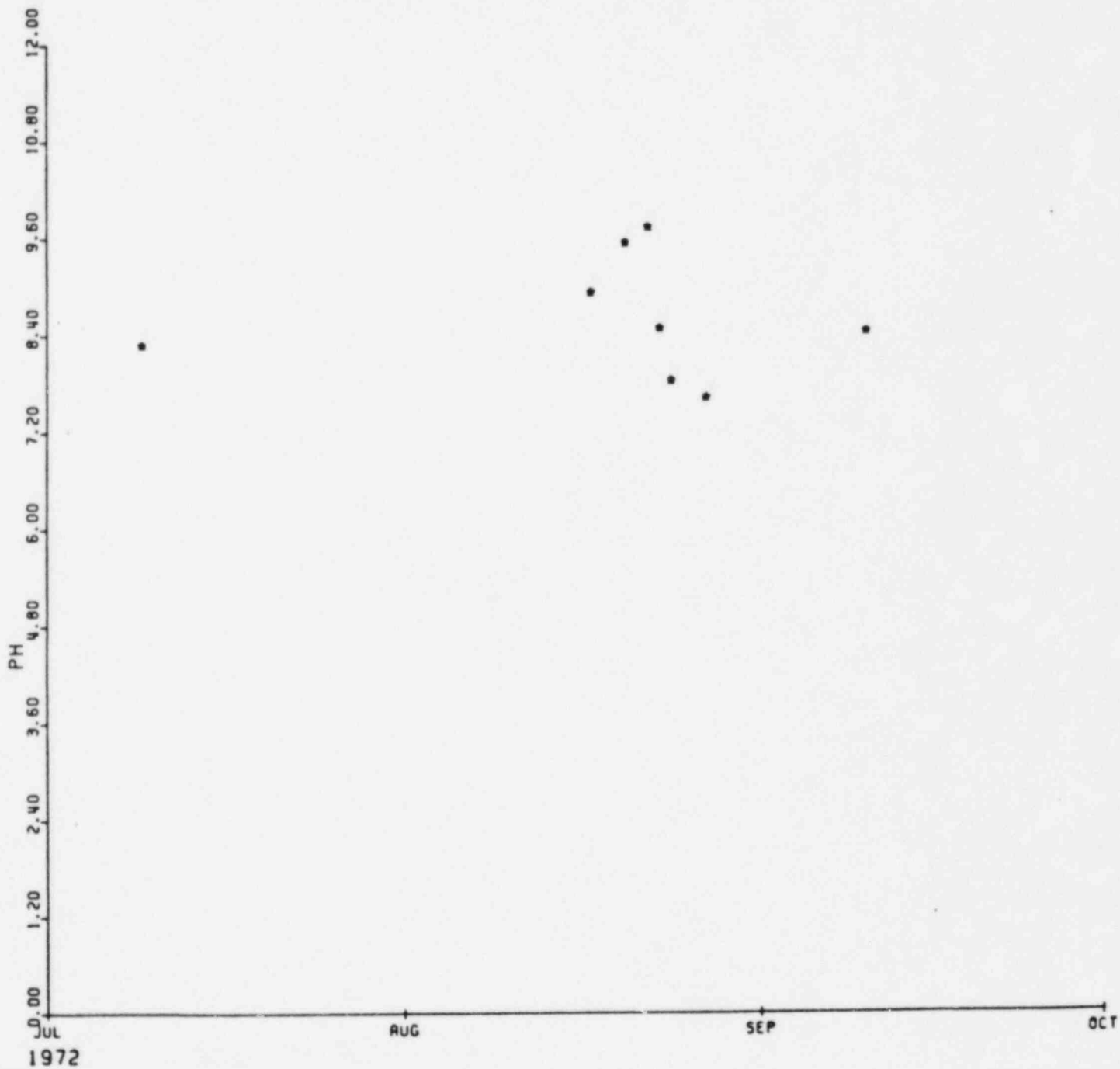
EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP1 (201)

PH VS TIME

1971-1972

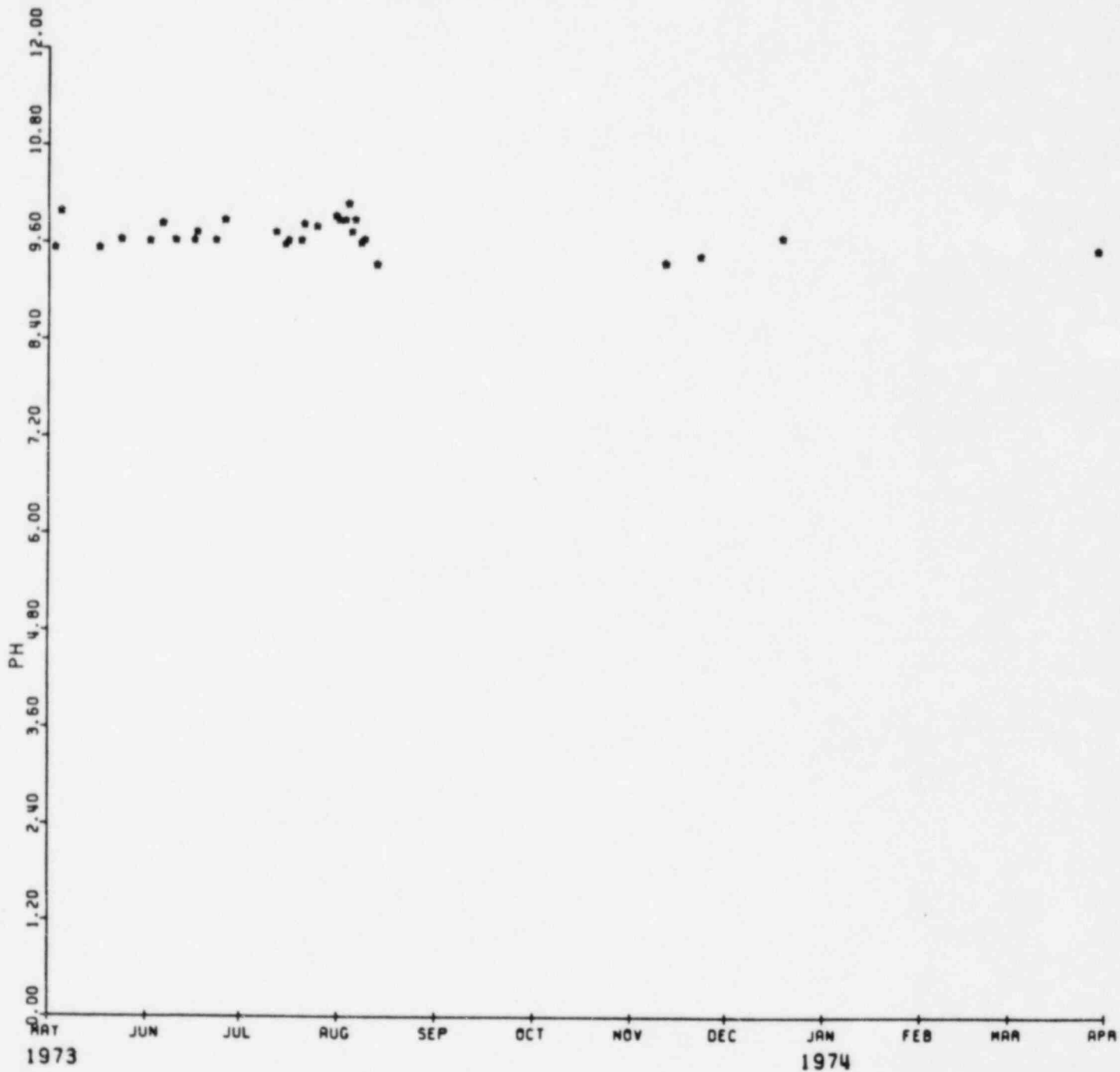


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP1 (201)

PH VS TIME
1973-1974

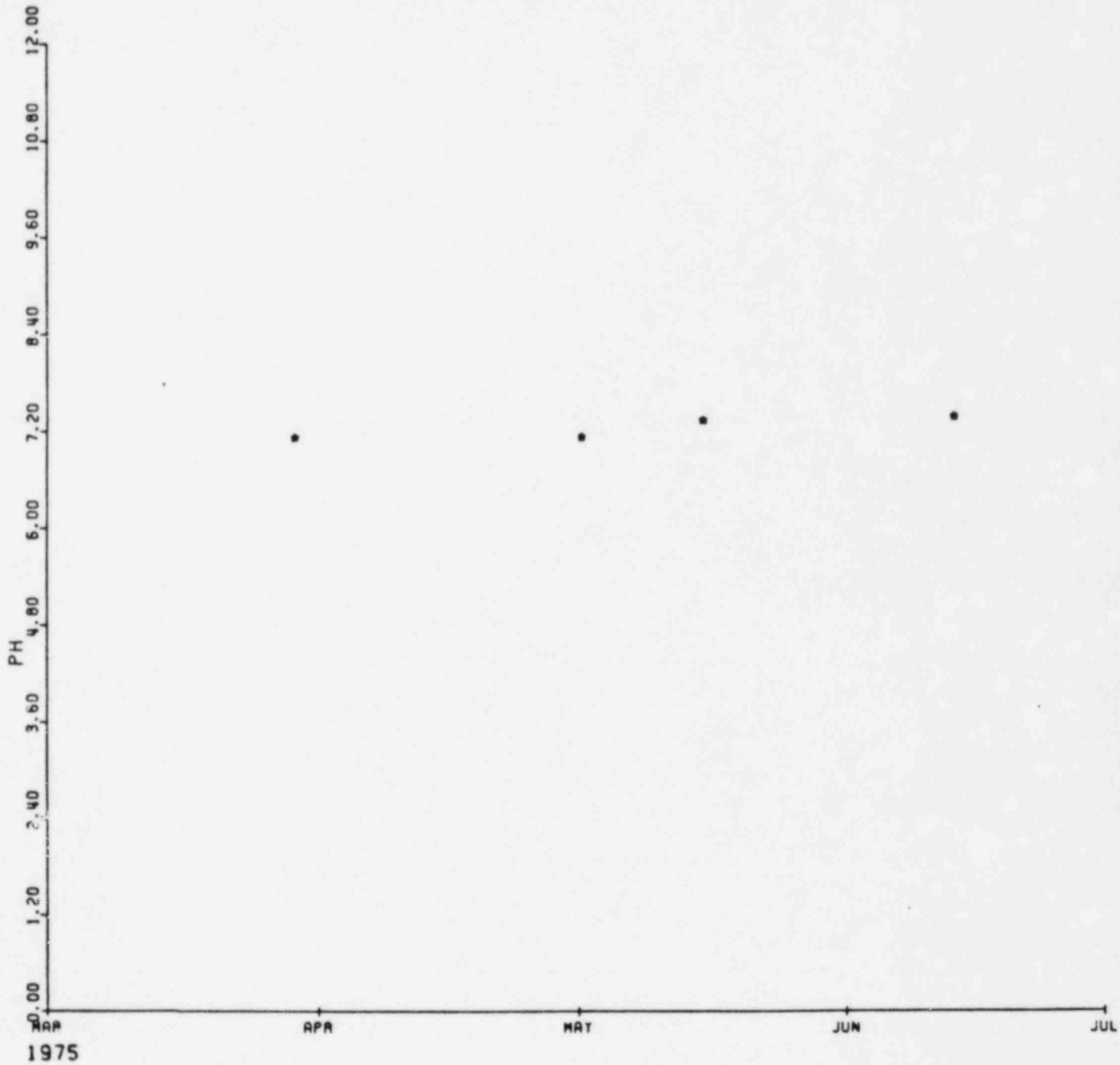


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP1 (201)

PH VS TIME
1975-1976

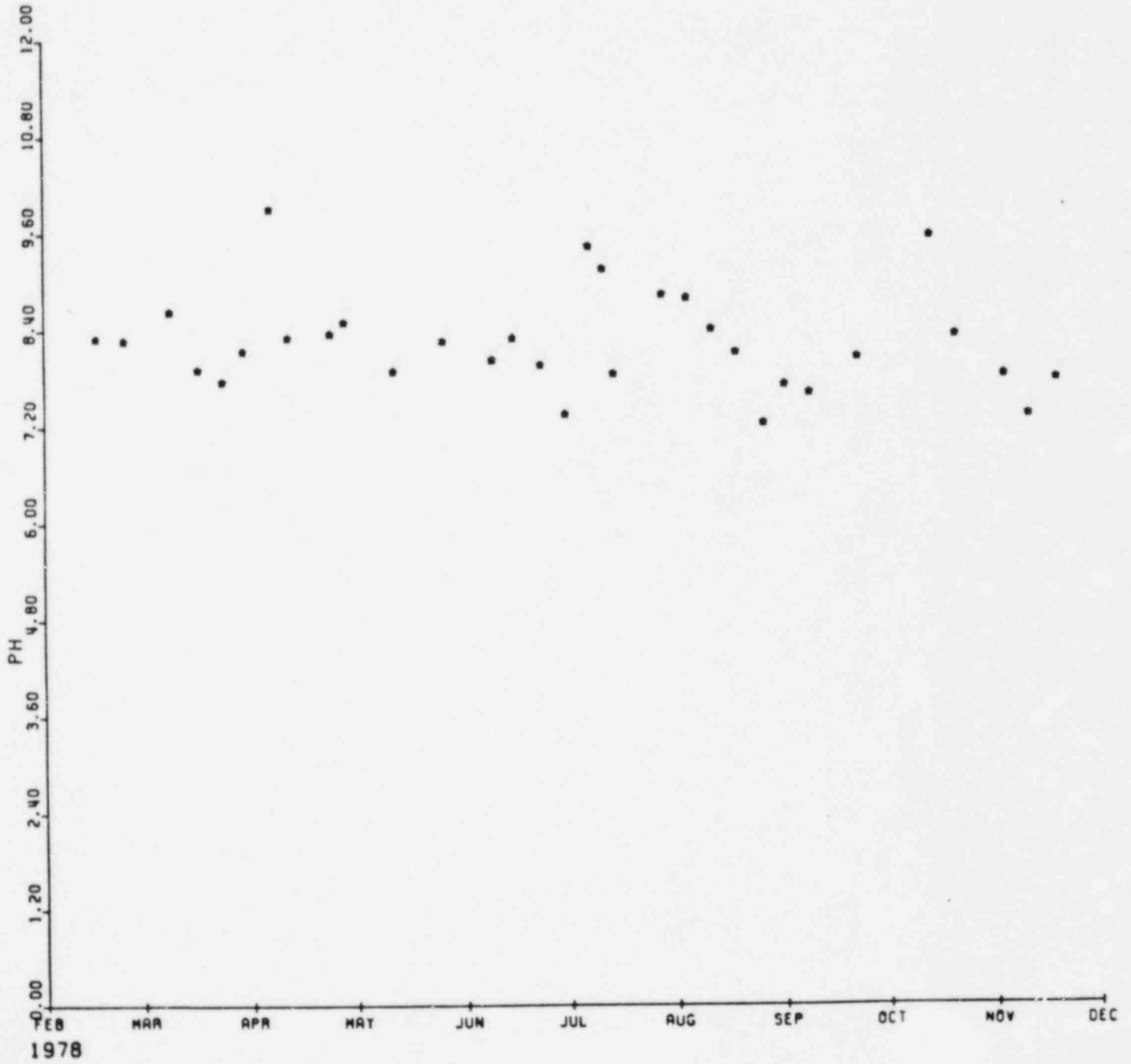


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP1 (201)

PH VS TIME
1977-1978

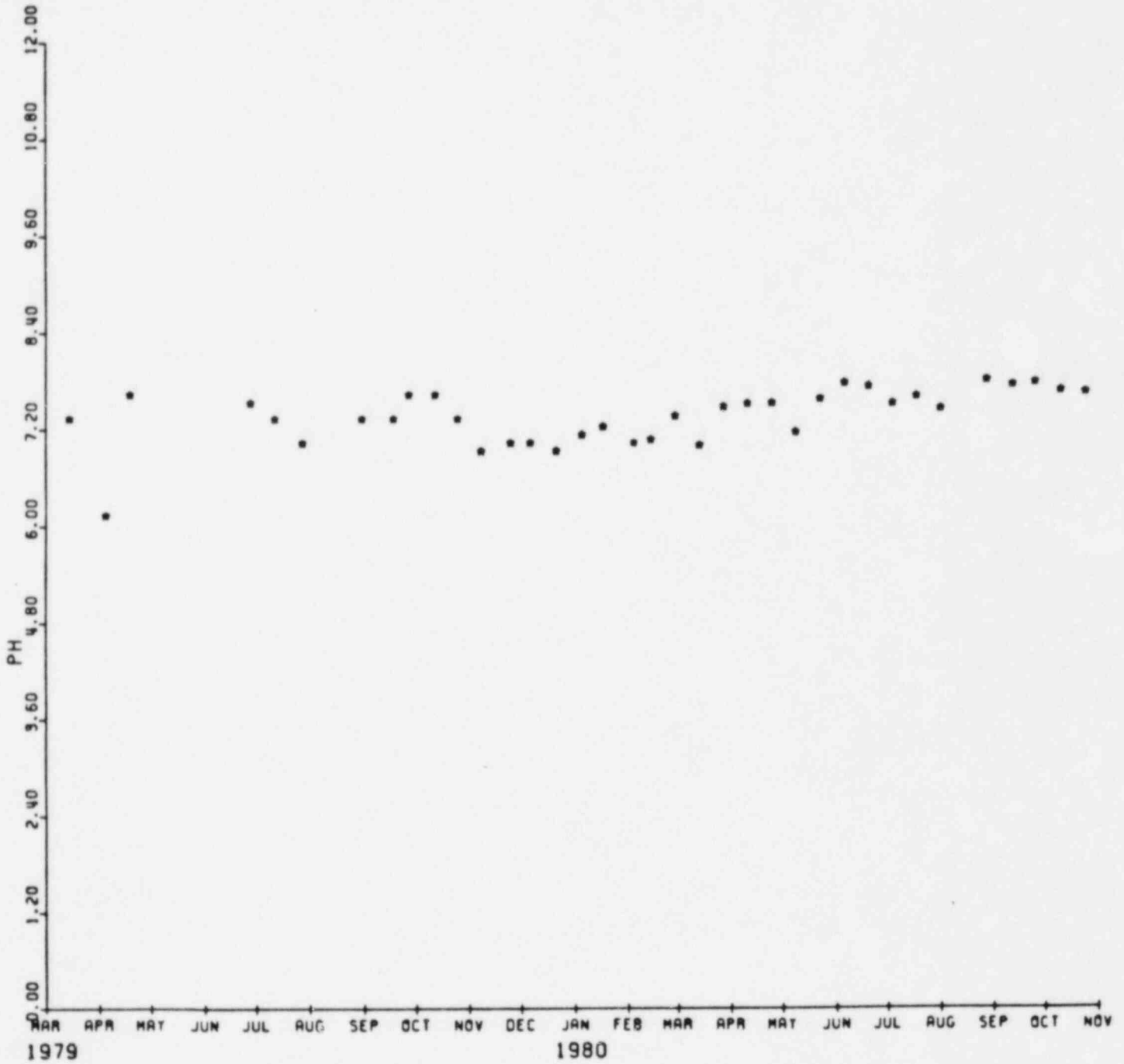


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OPI (201)

PH VS TIME
1979-1980

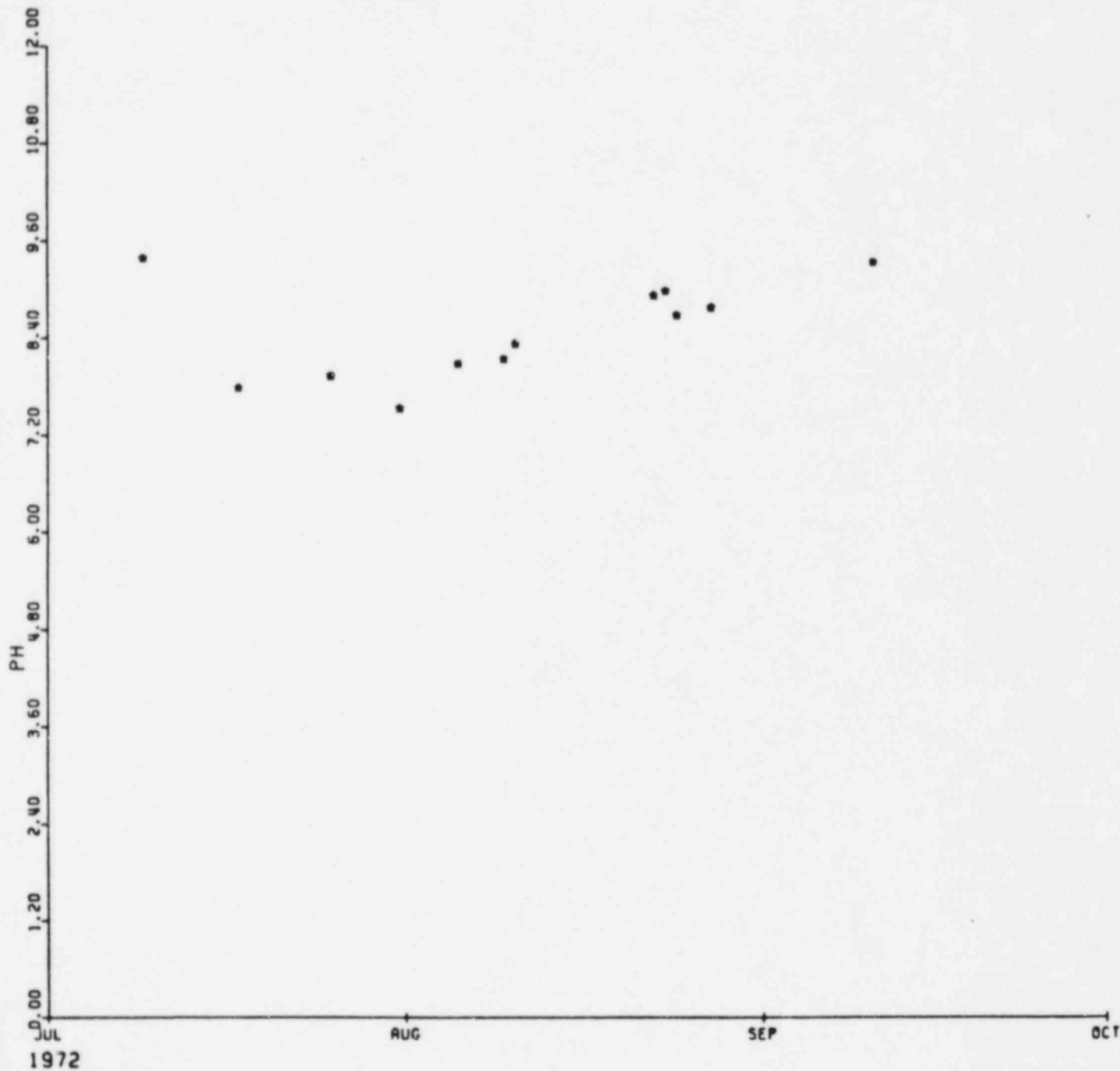


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP2 (202)

PH VS TIME
1971-1972

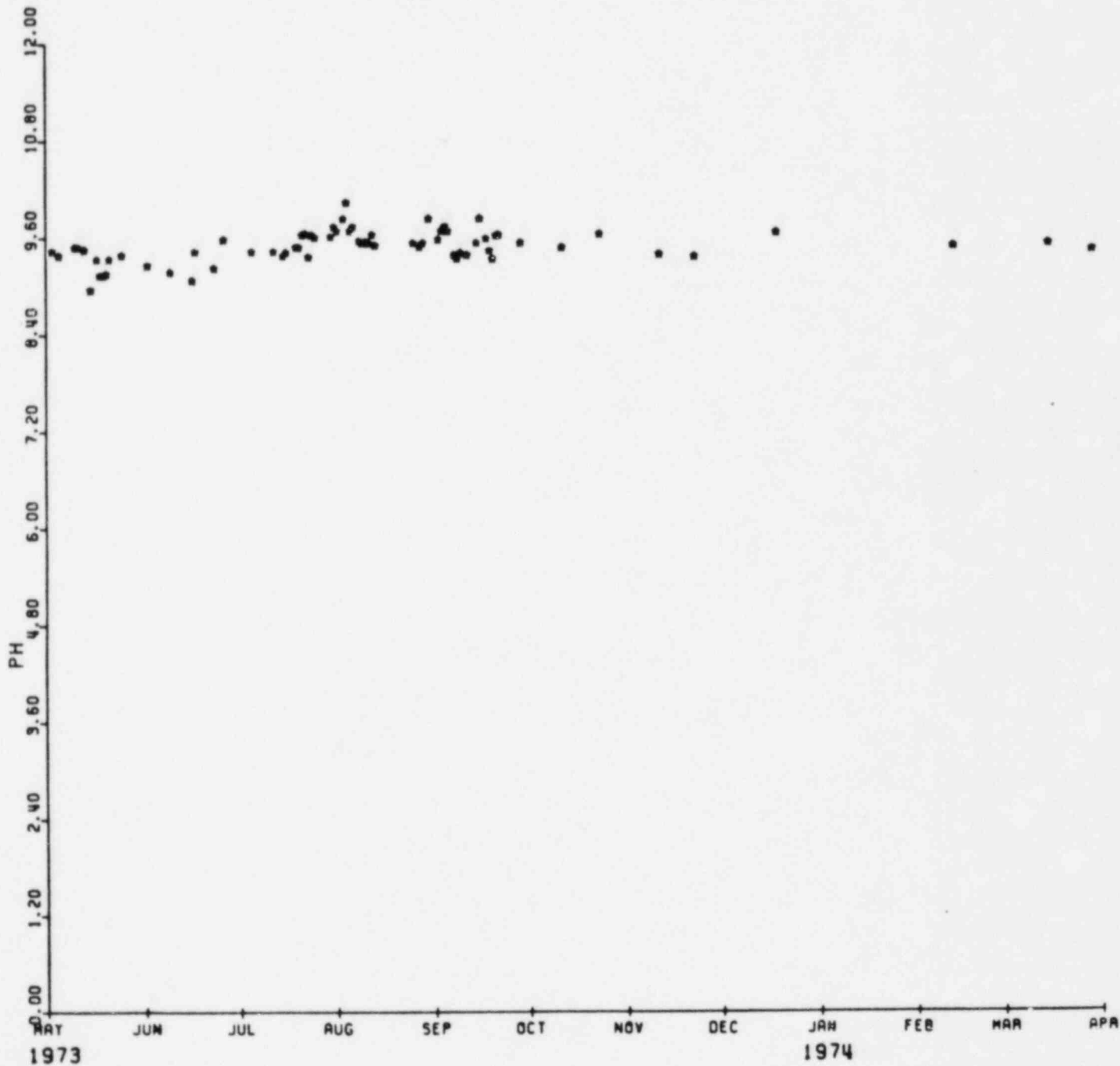


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP2 (202)

PH VS TIME
1973-1974

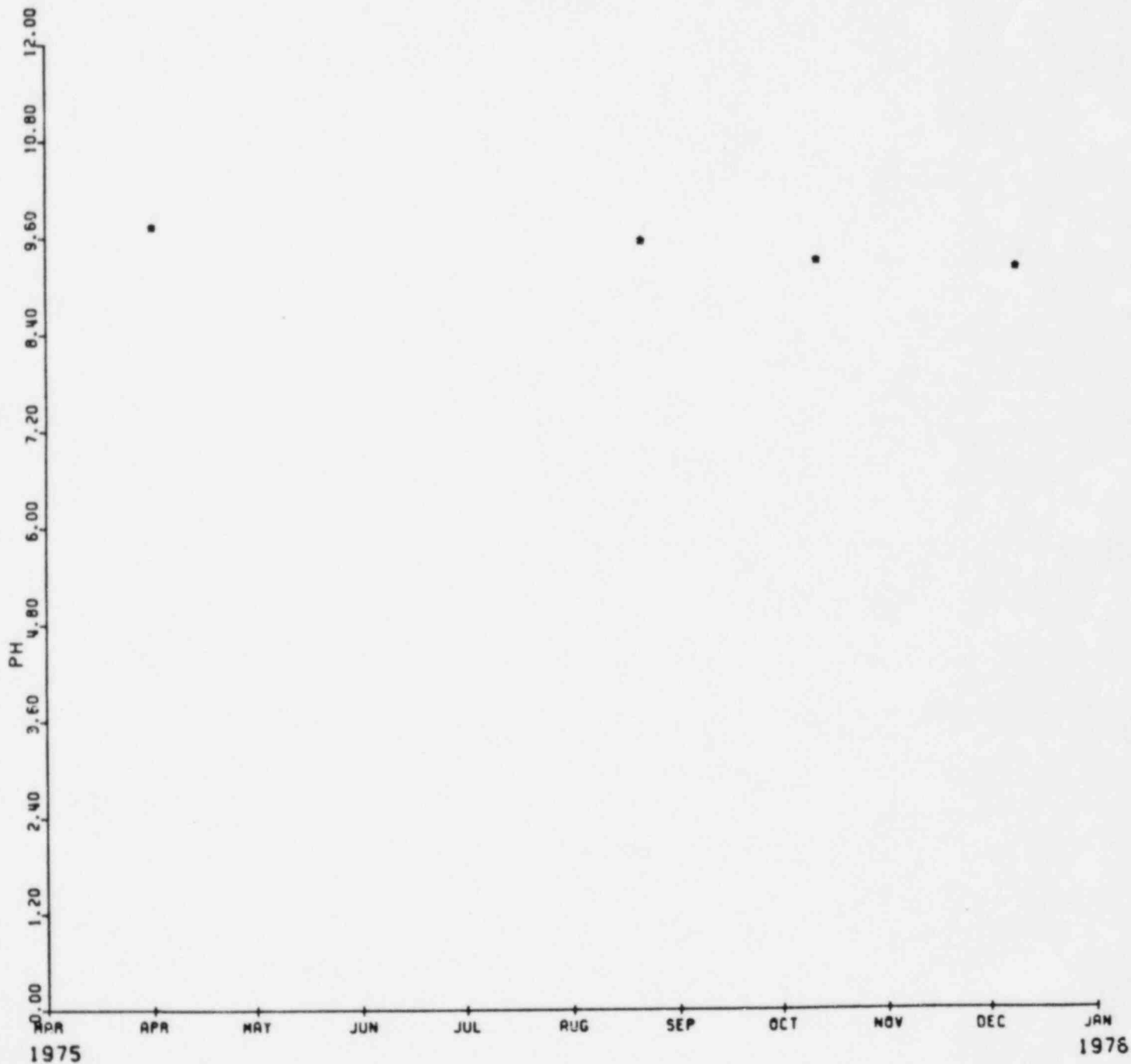


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP2 (202)

PH VS TIME
1975-1976

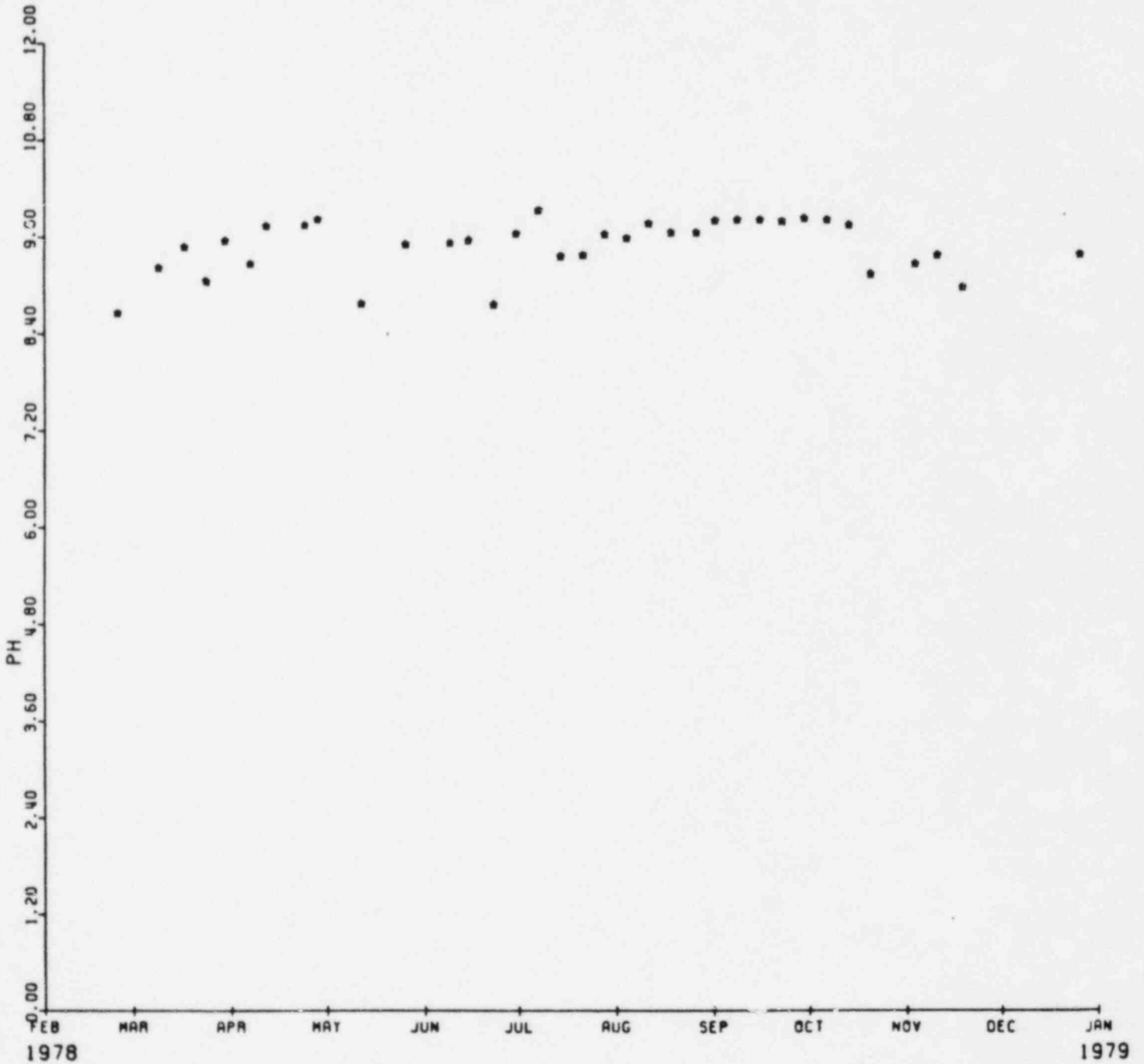


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP2 (202)

PH VS TIME
1977-1978

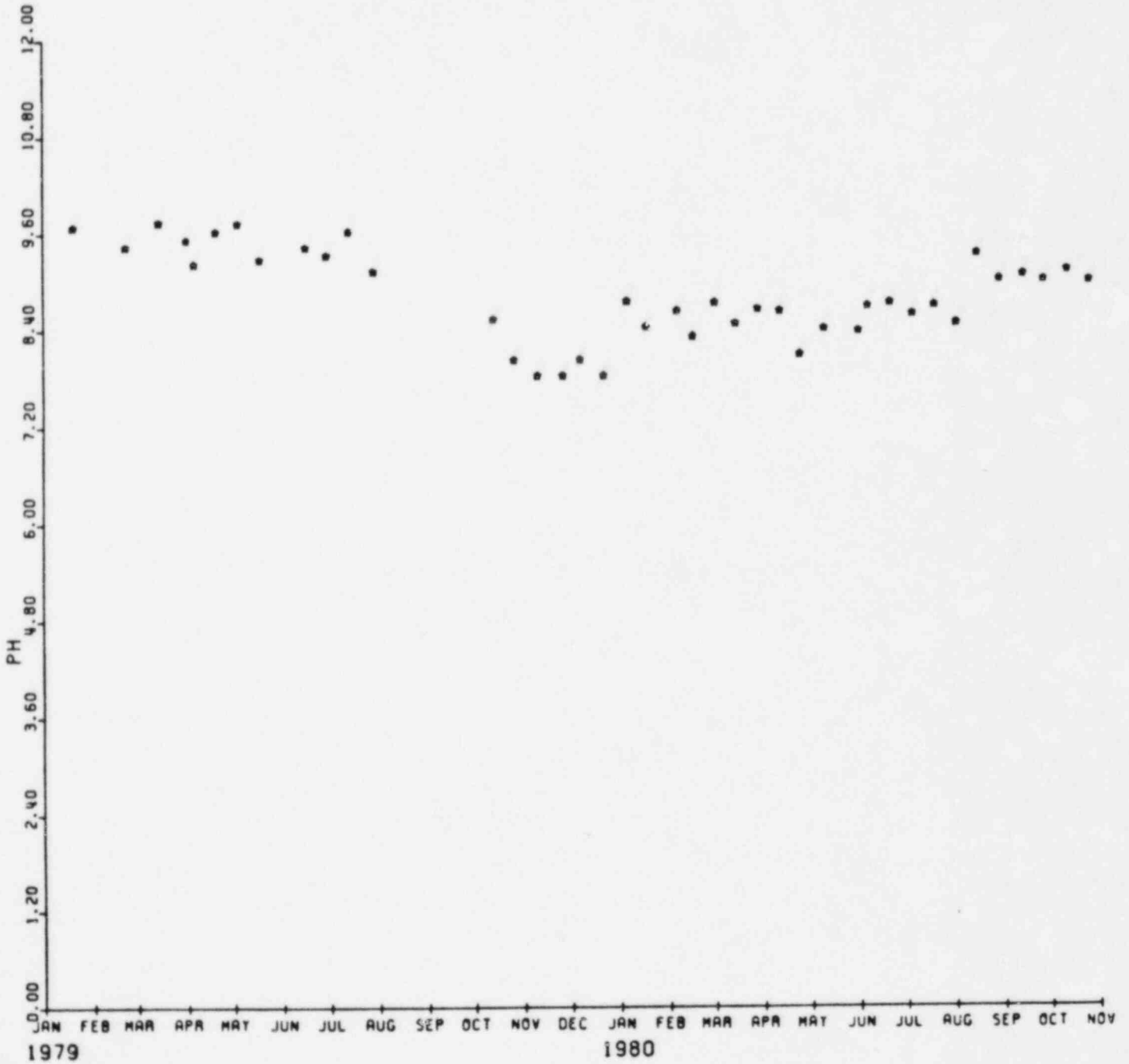


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP2 (202)

PH VS TIME
1979-1980

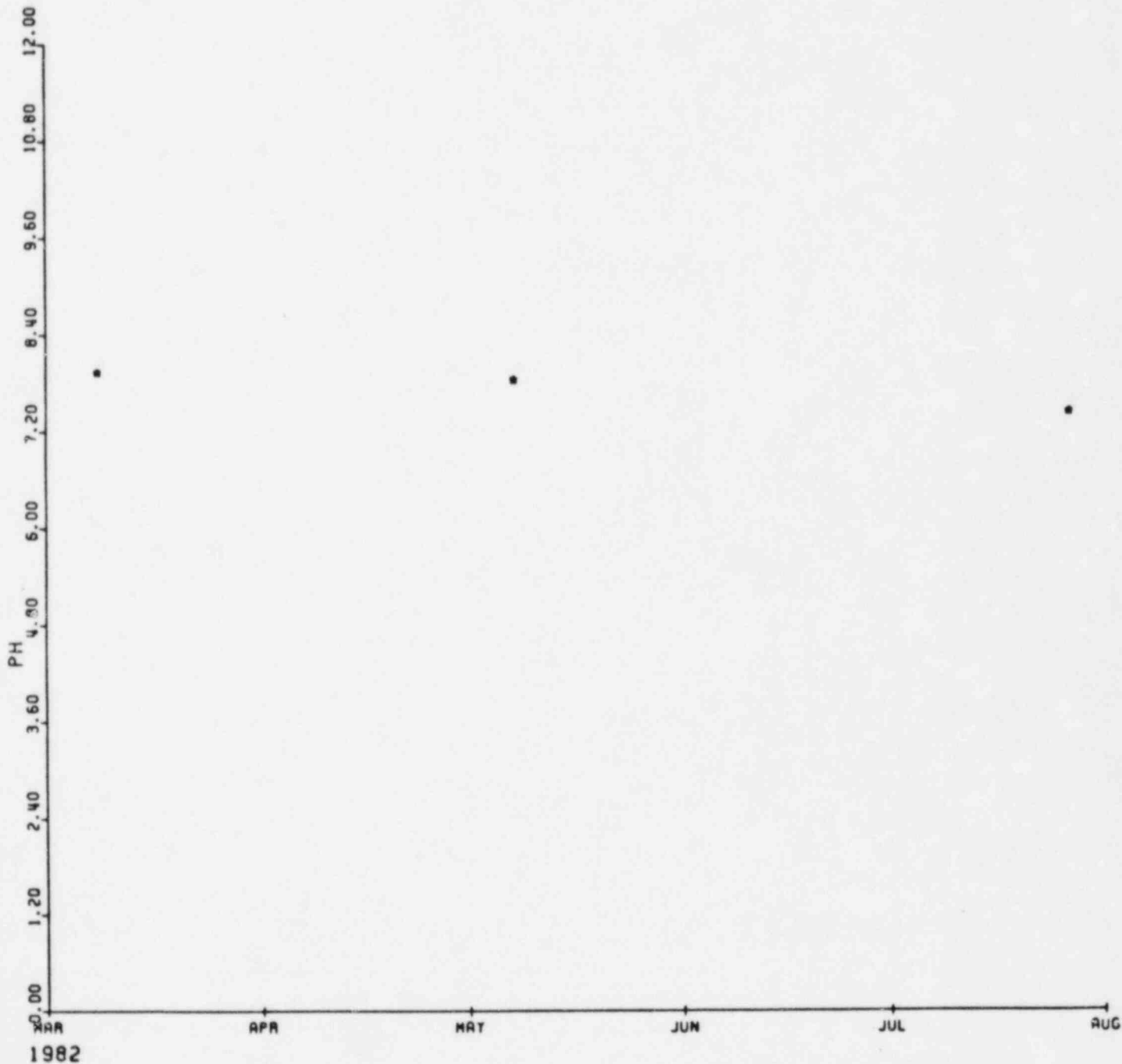


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP2 (202)

PH VS TIME
1981-1982

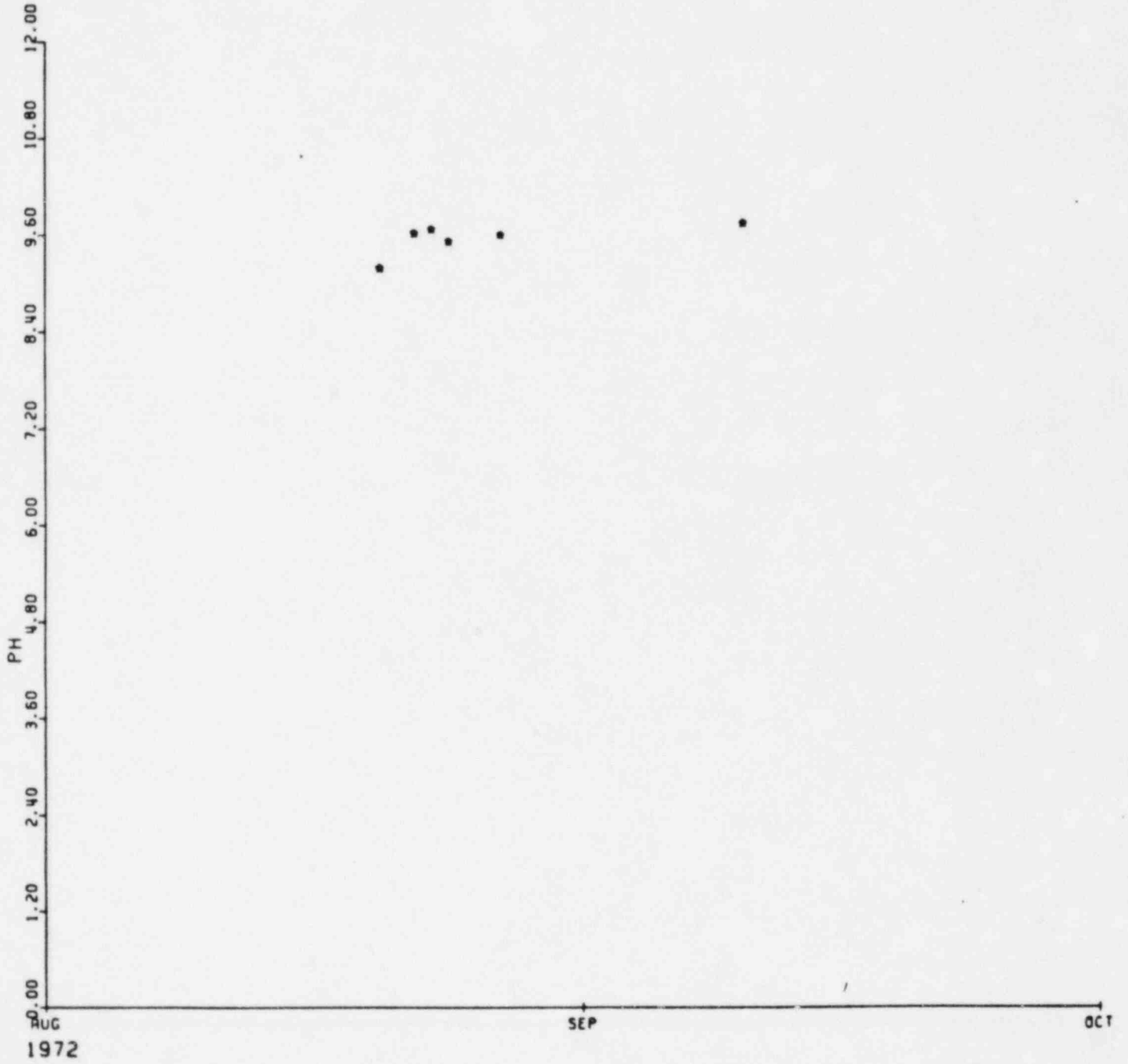


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP3 (203)

PH VS TIME
1971-1972

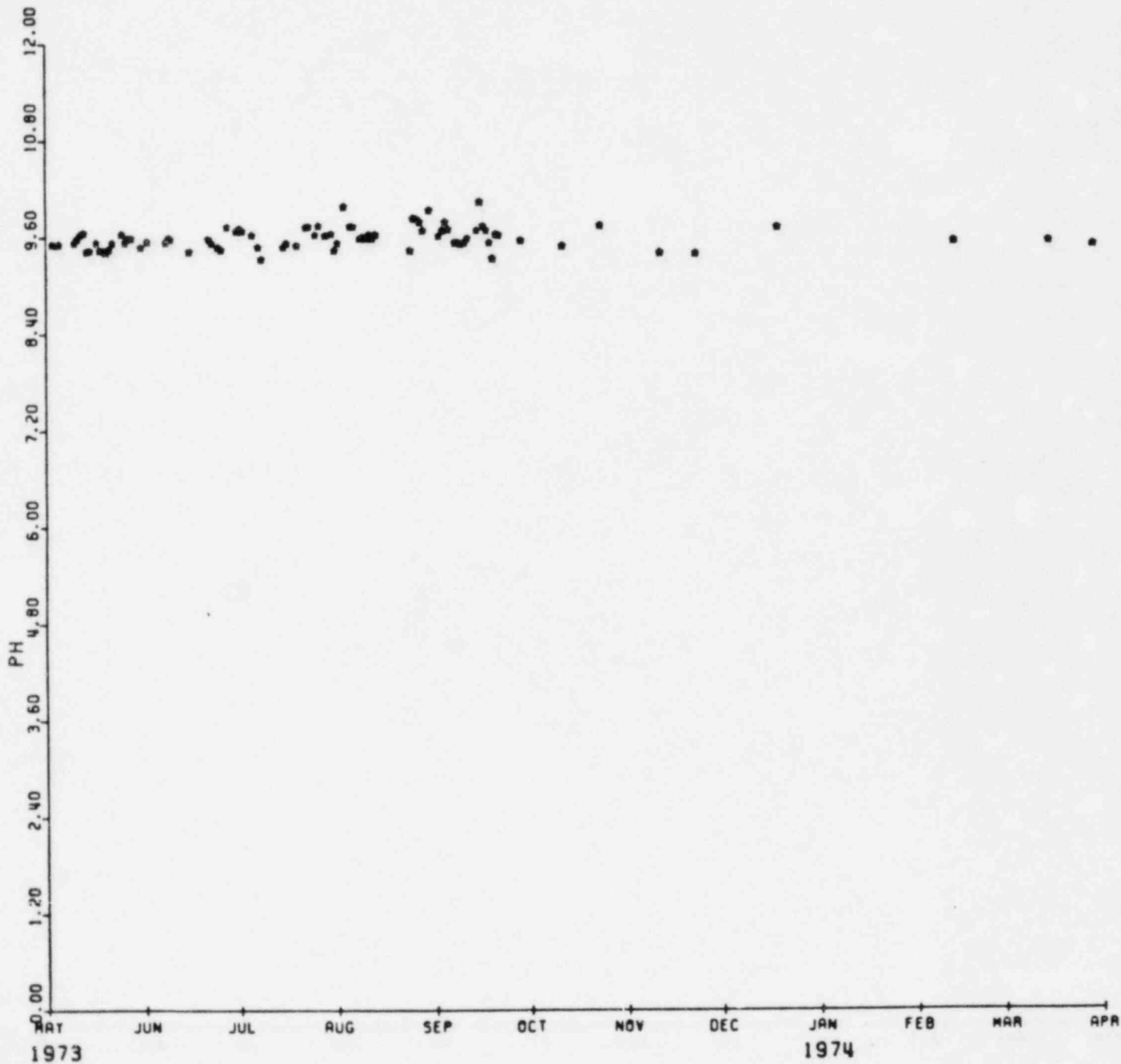


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP3 (203)

PH VS TIME
1973-1974

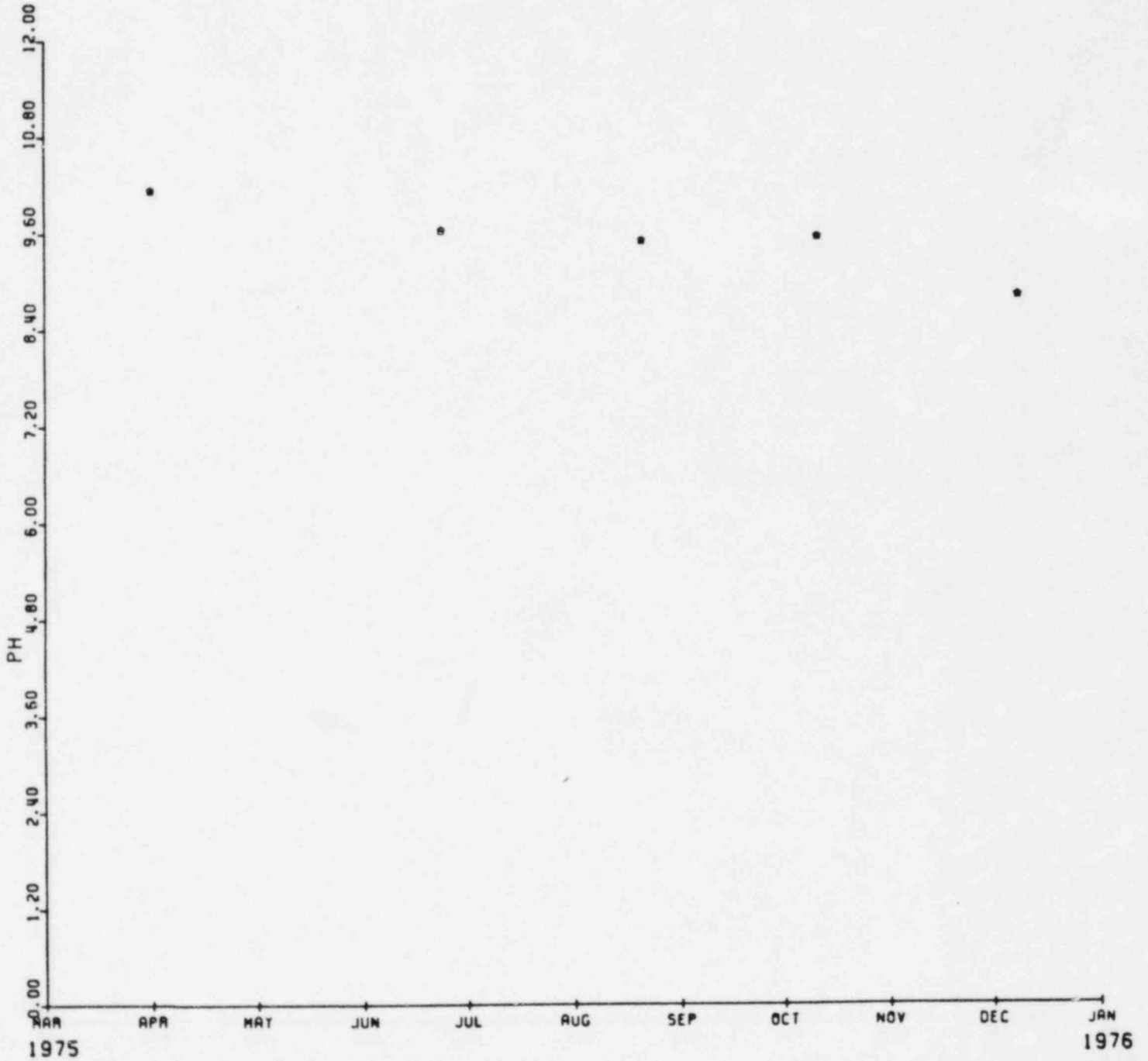


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP3 (203)

PH VS TIME
1975-1976

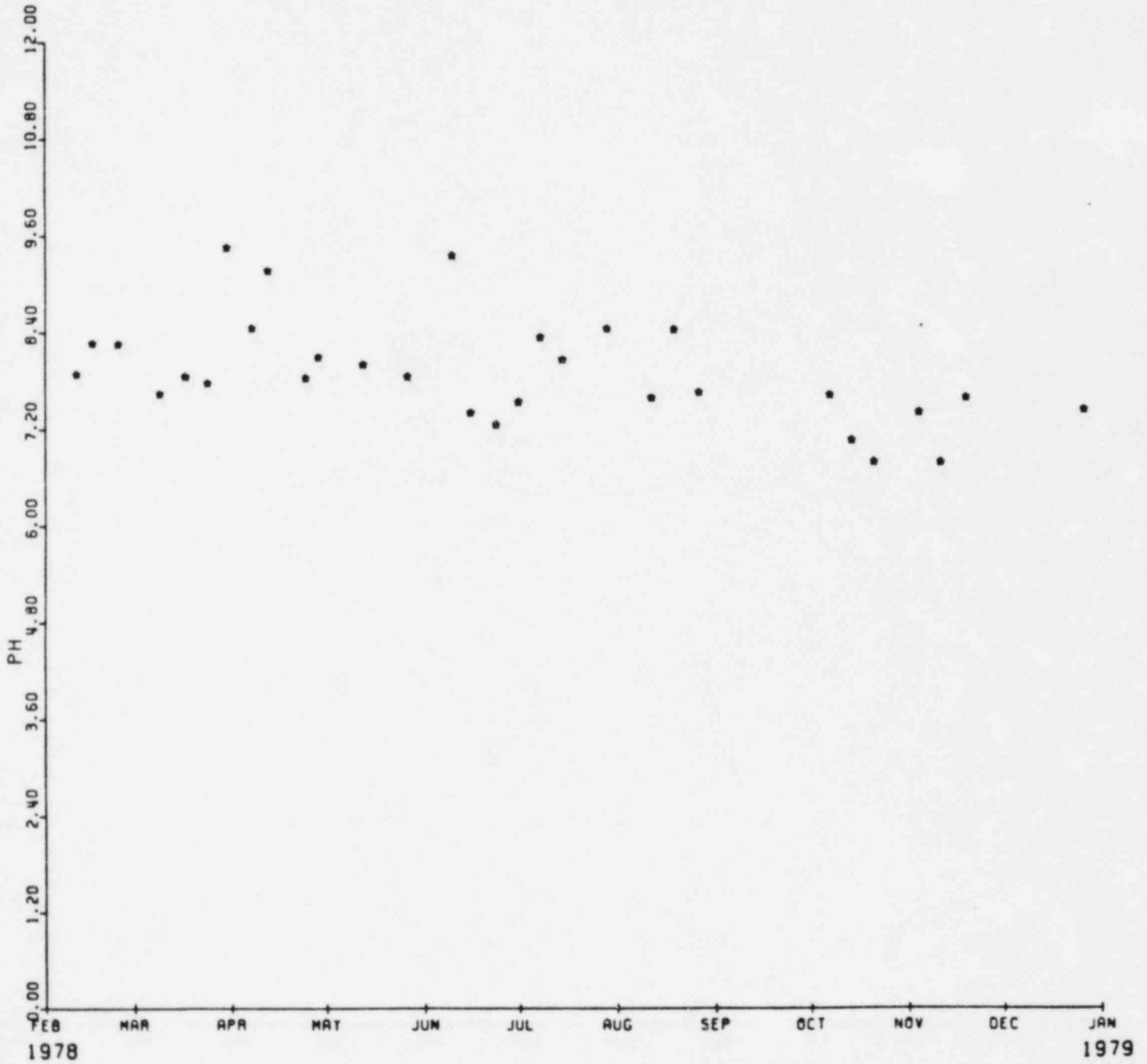


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP3 (203)

PH VS TIME
1977-1978

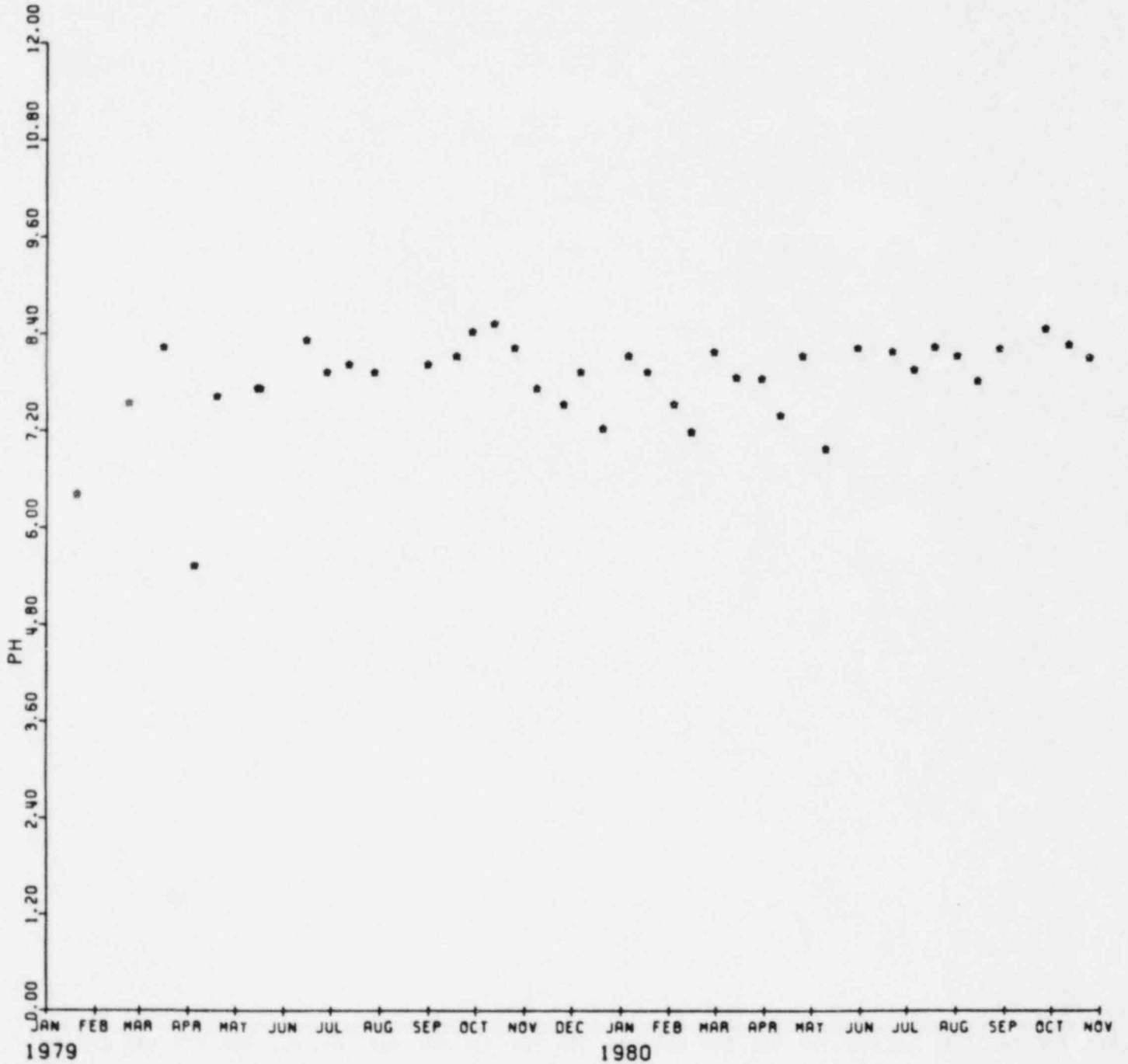


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP3 (203)

PH VS TIME
1979-1980

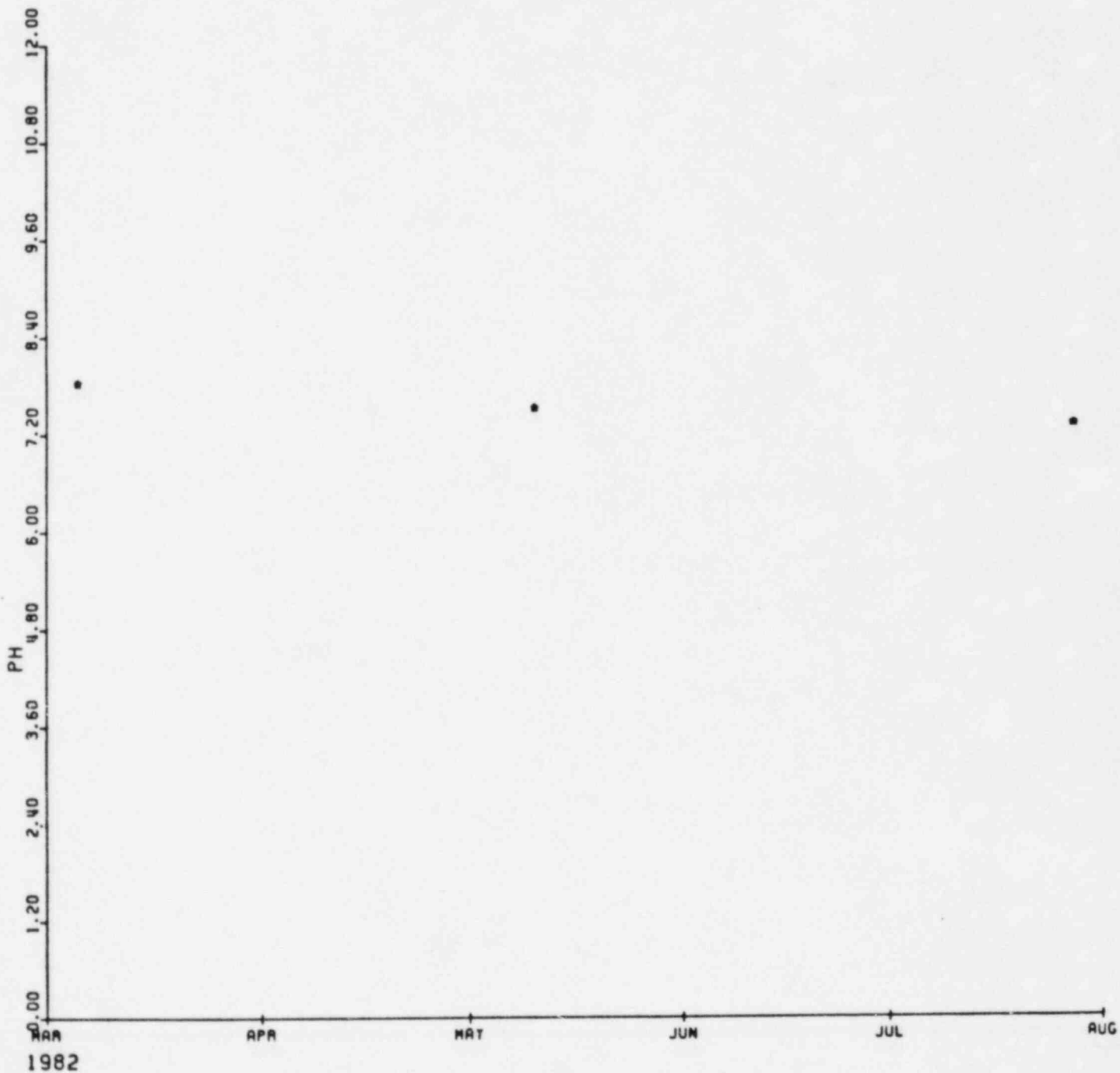


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP3 (203)

PH VS TIME
1981-1982

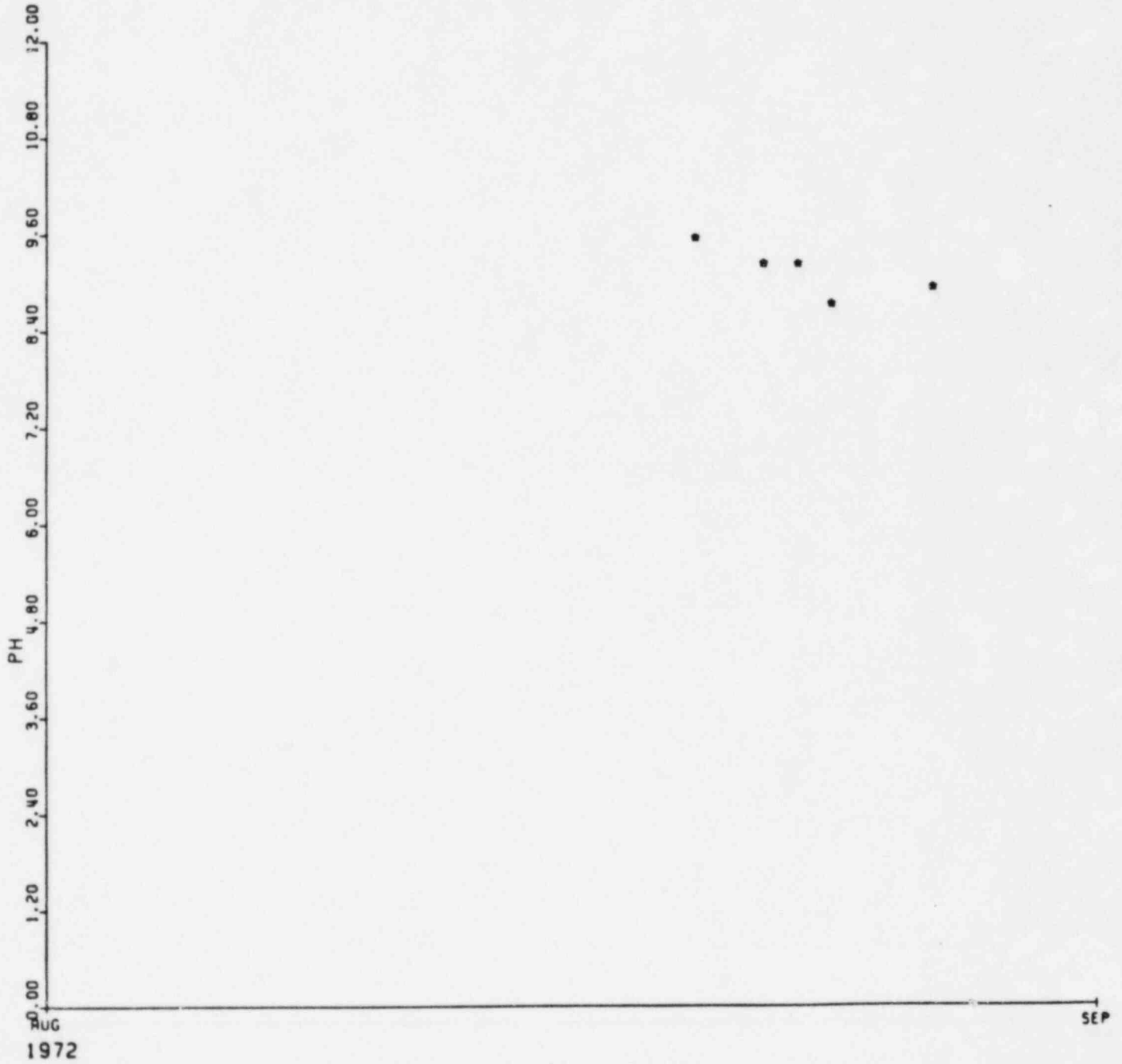


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL OP4 (204)

PH VS TIME
1971-1972

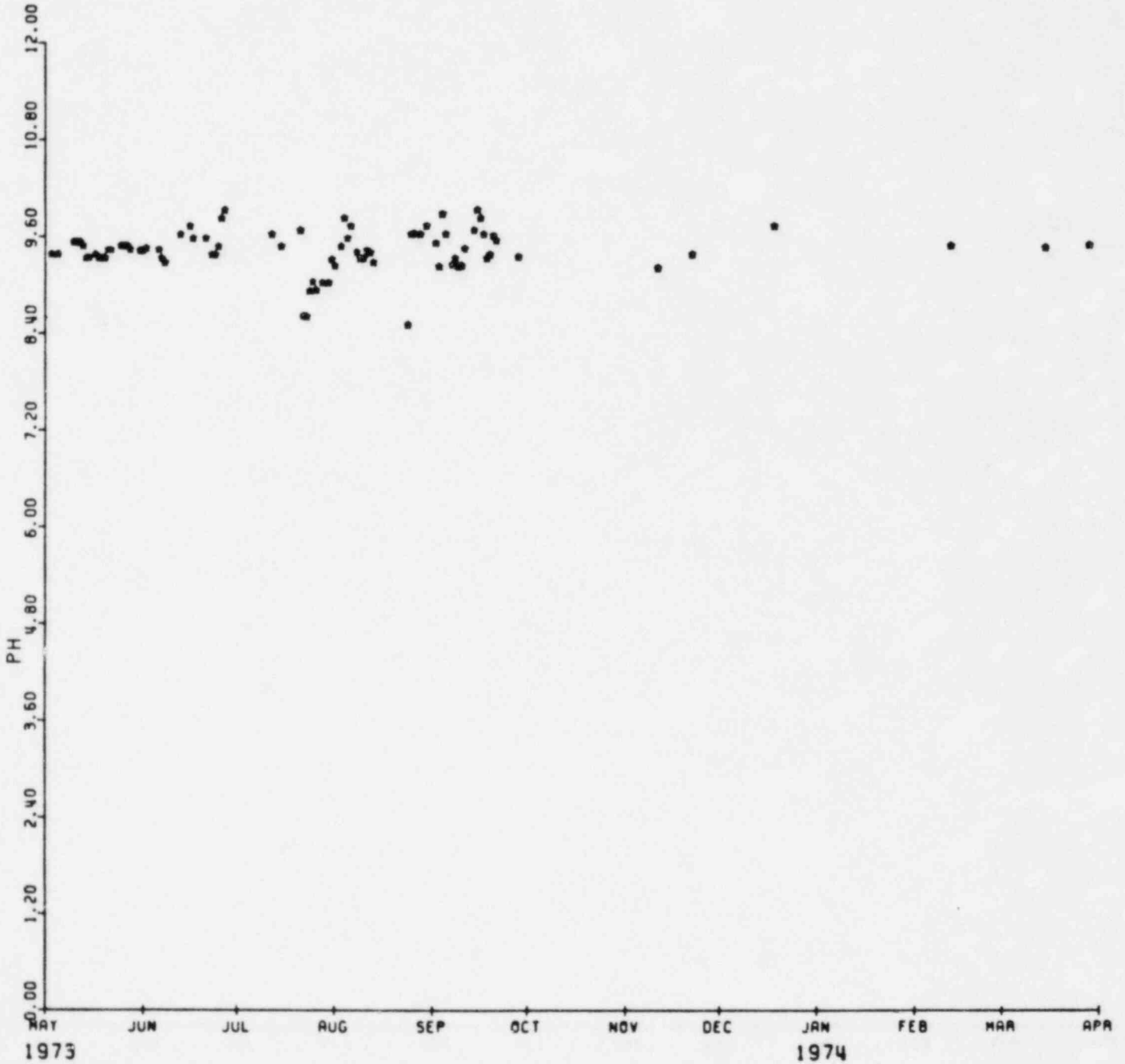


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL OP4 (204)

PH VS TIME
1973-1974

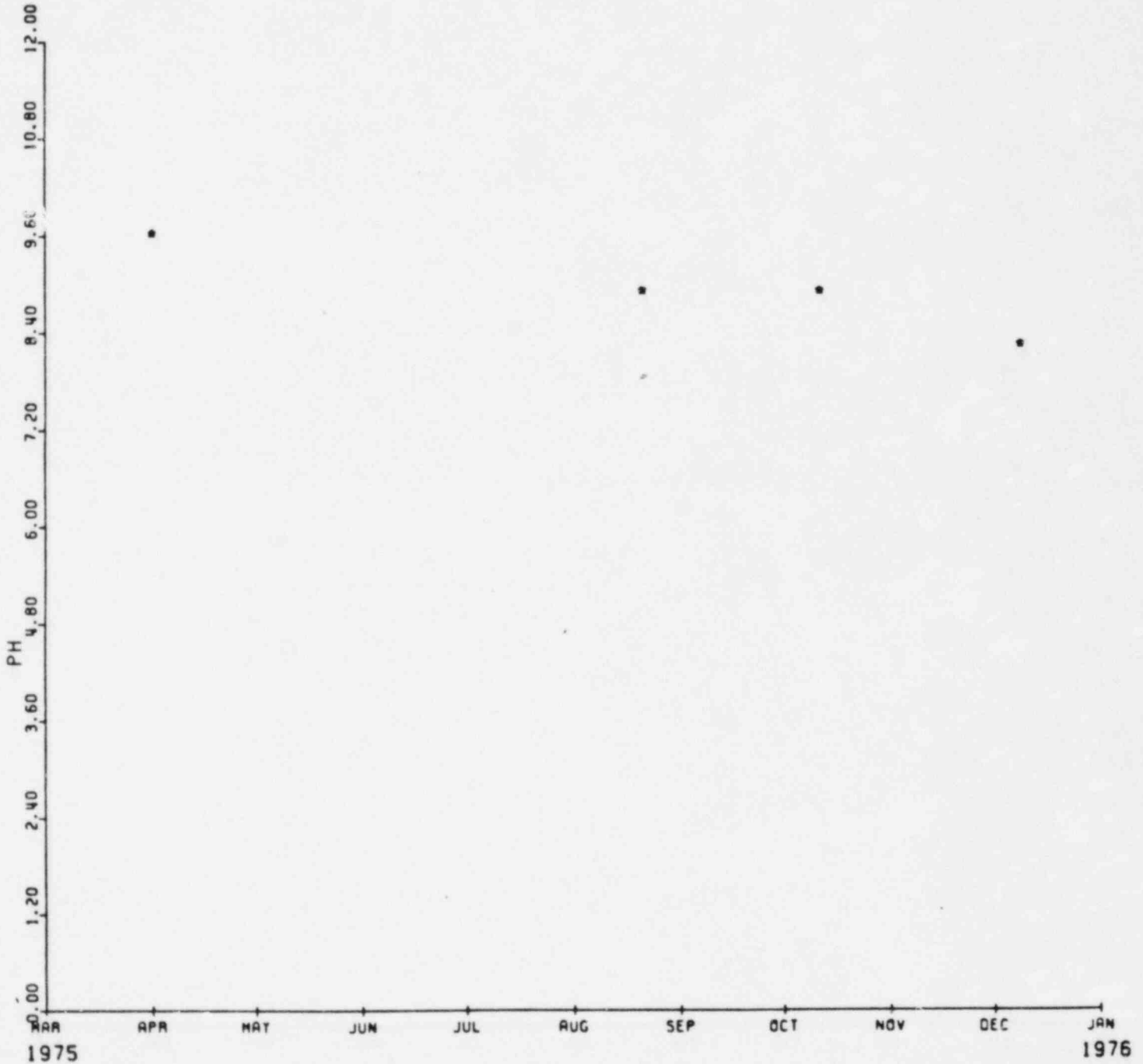


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL OP4 (204)

PH VS TIME
1975-1976

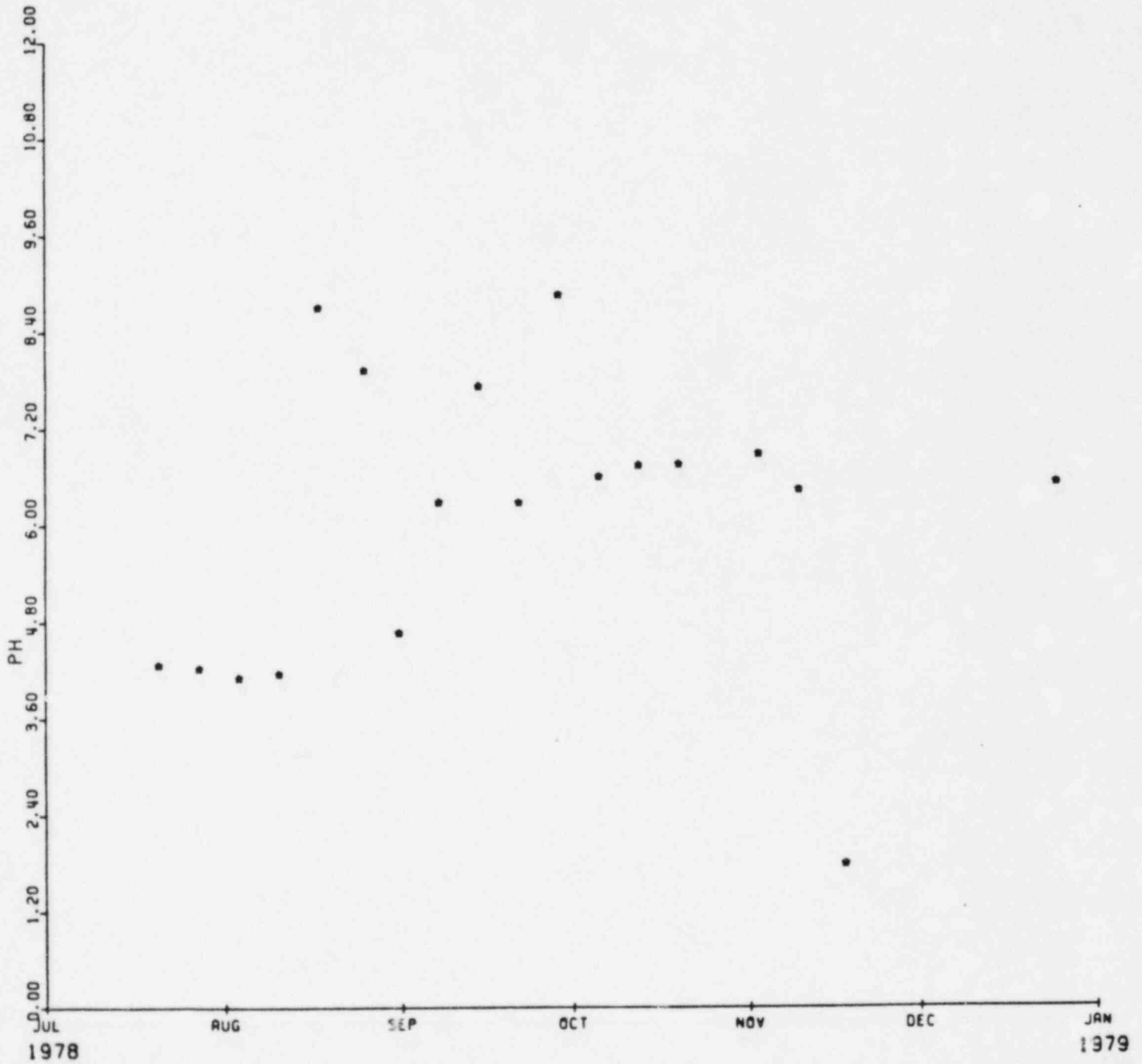


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL OP4 (204)

PH VS TIME
1977-1978

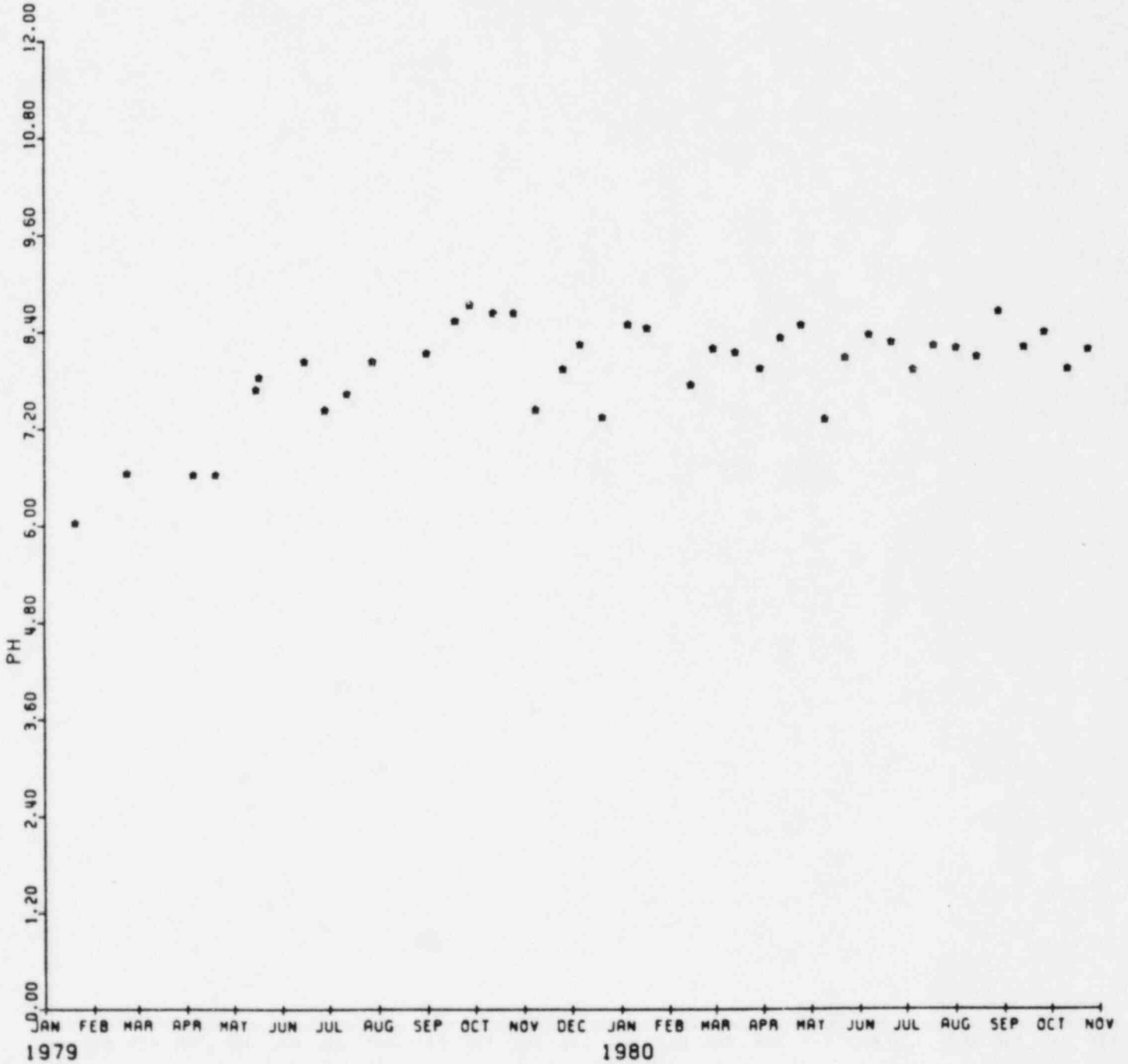


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL OP4 (204)

PH VS TIME
1979-1980

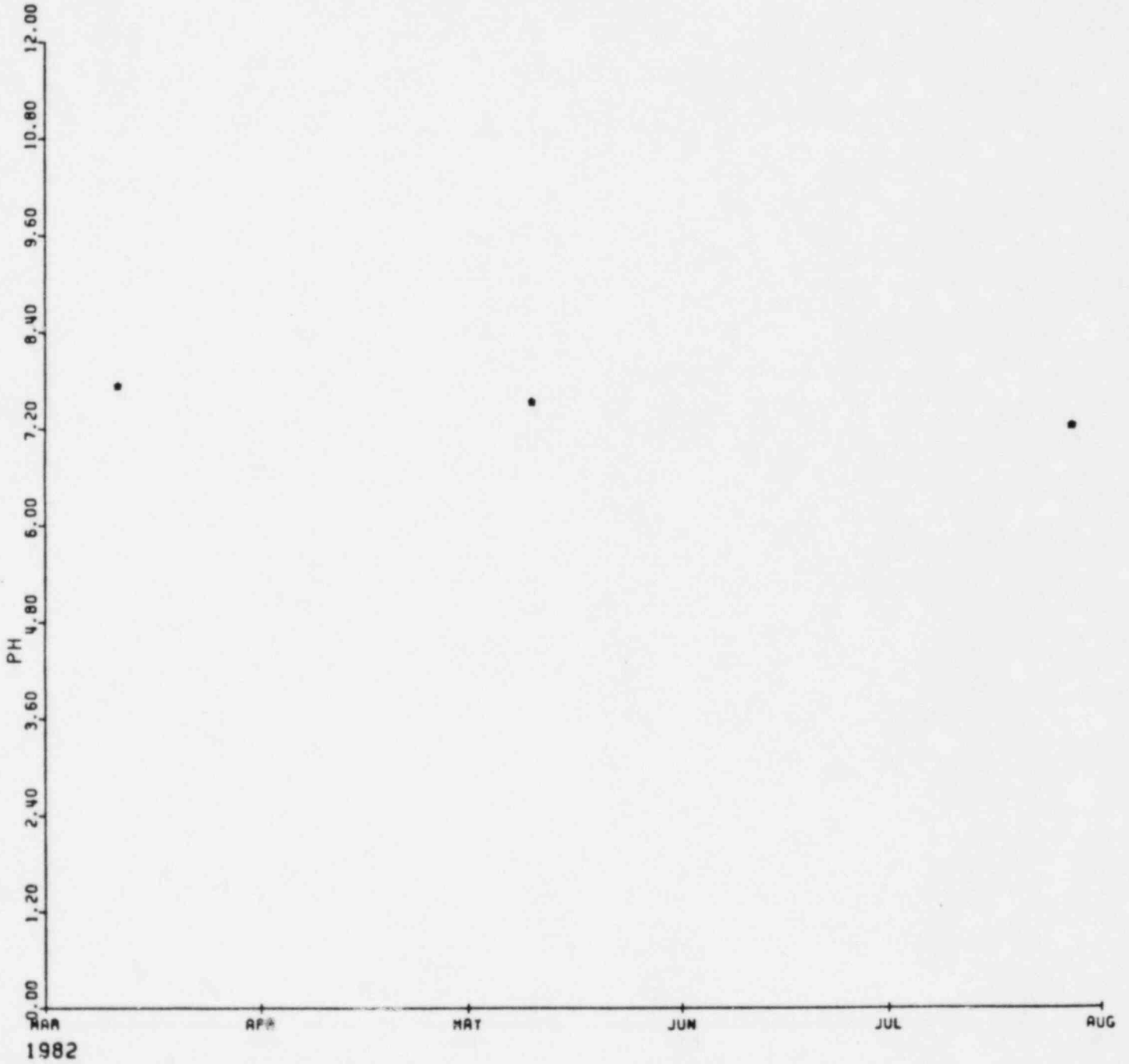


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL OP4 (204)

PH VS TIME
1981-1992

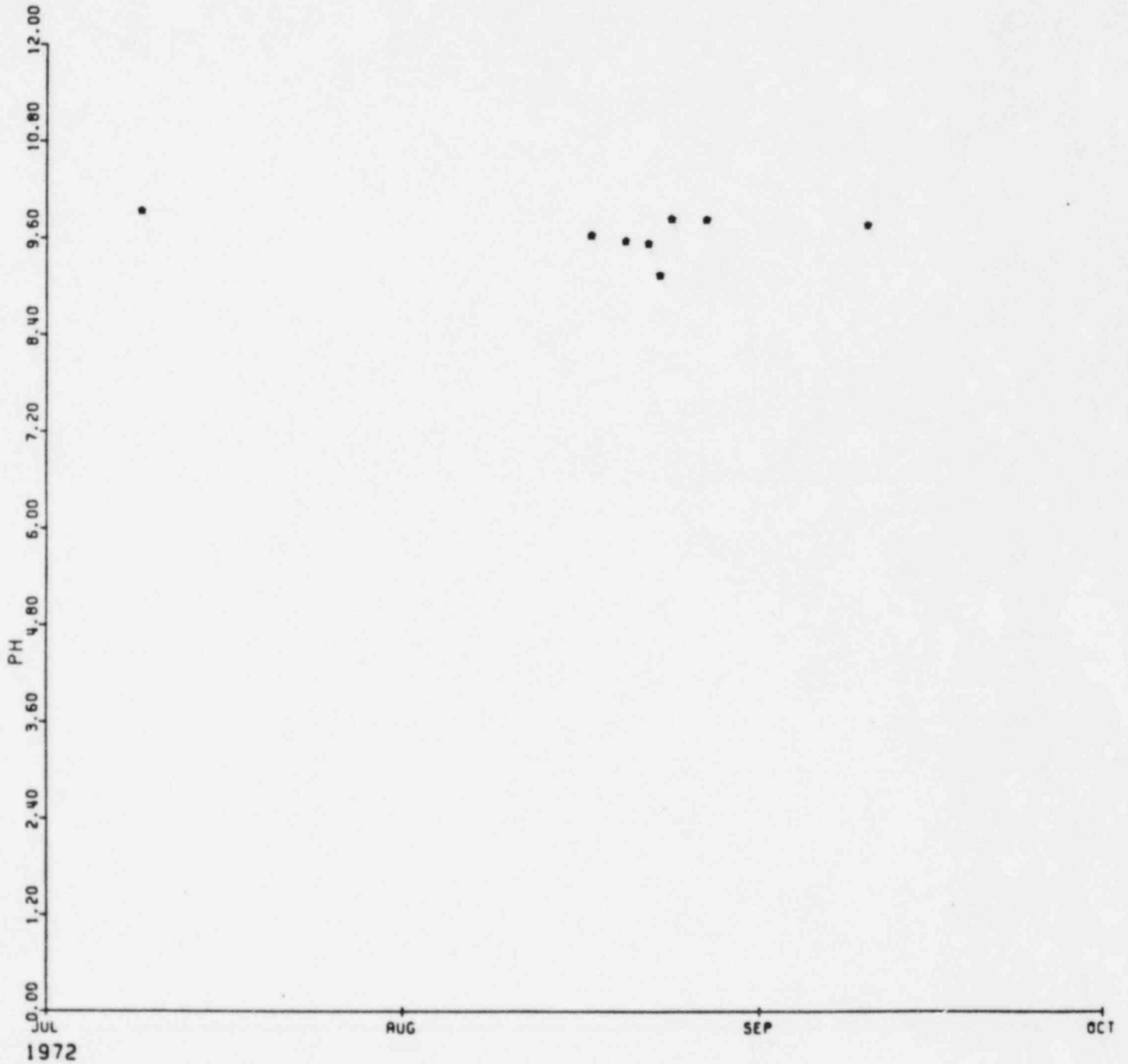


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL OPS (205)

PH VS TIME
1971-1972

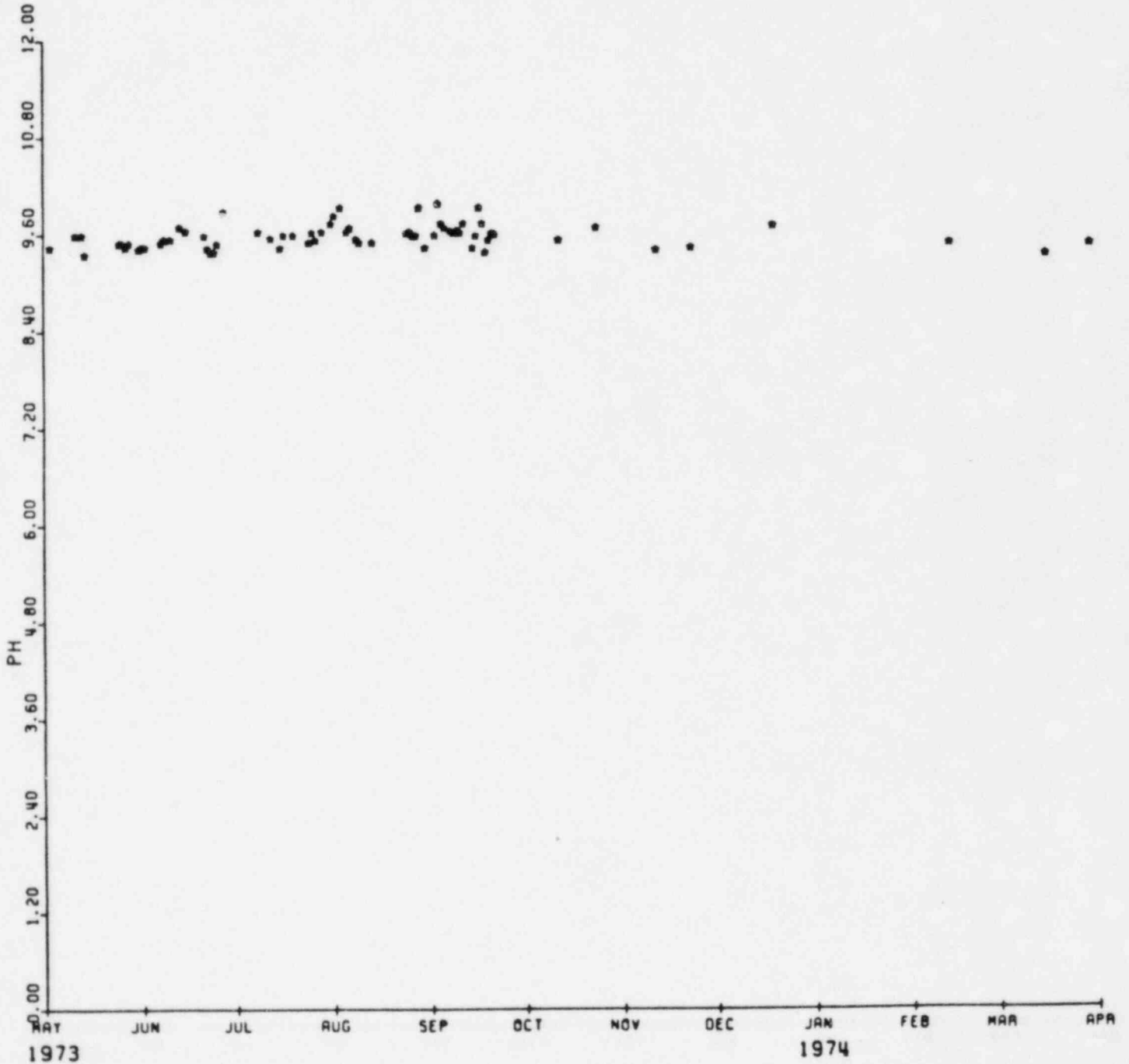


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL OPS (205)

PH VS TIME
1973-1974

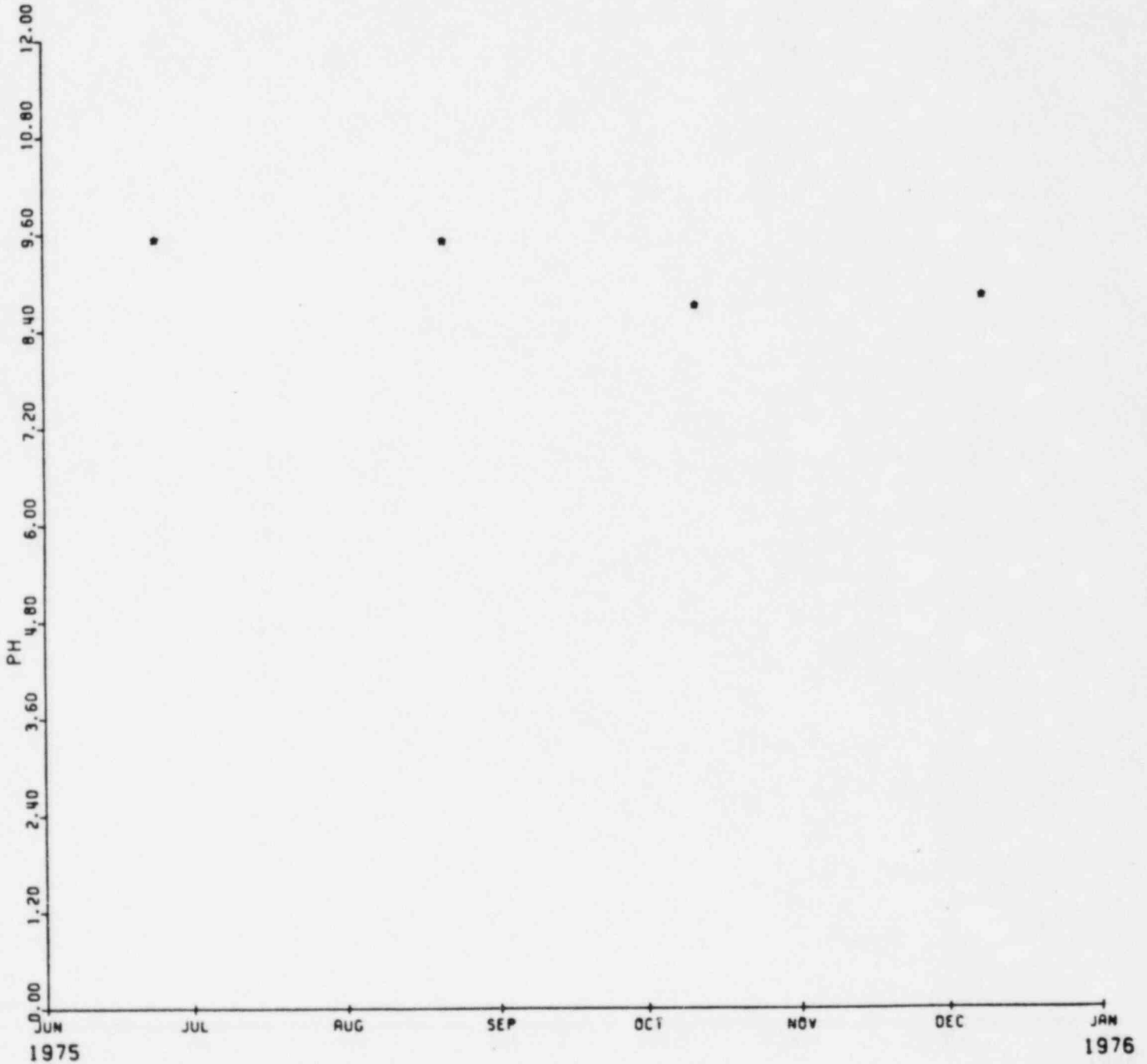


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL OP5 (205)

PH VS TIME
1975-1976

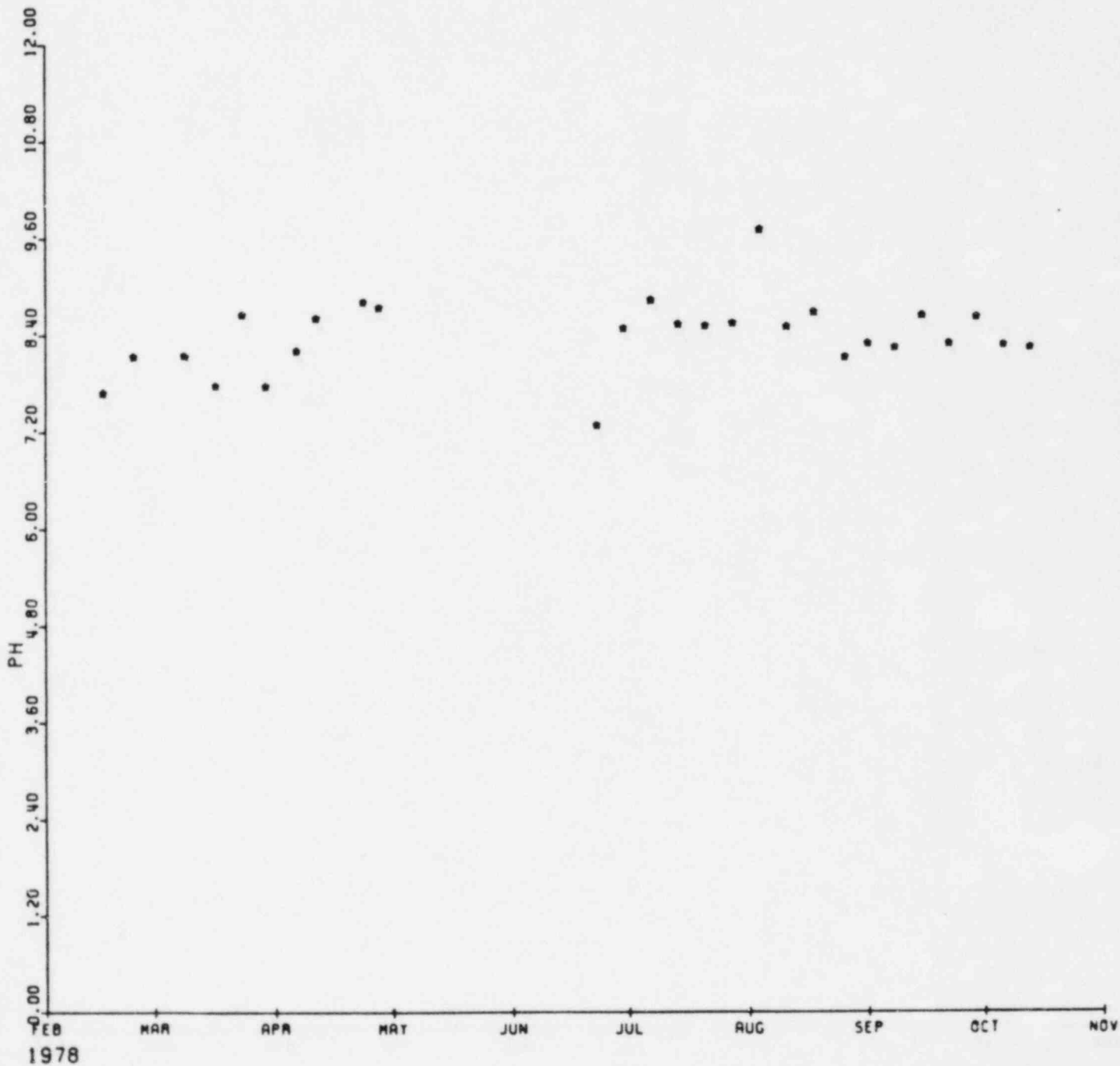


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL OP5 (205)

PH VS TIME
1977-1978

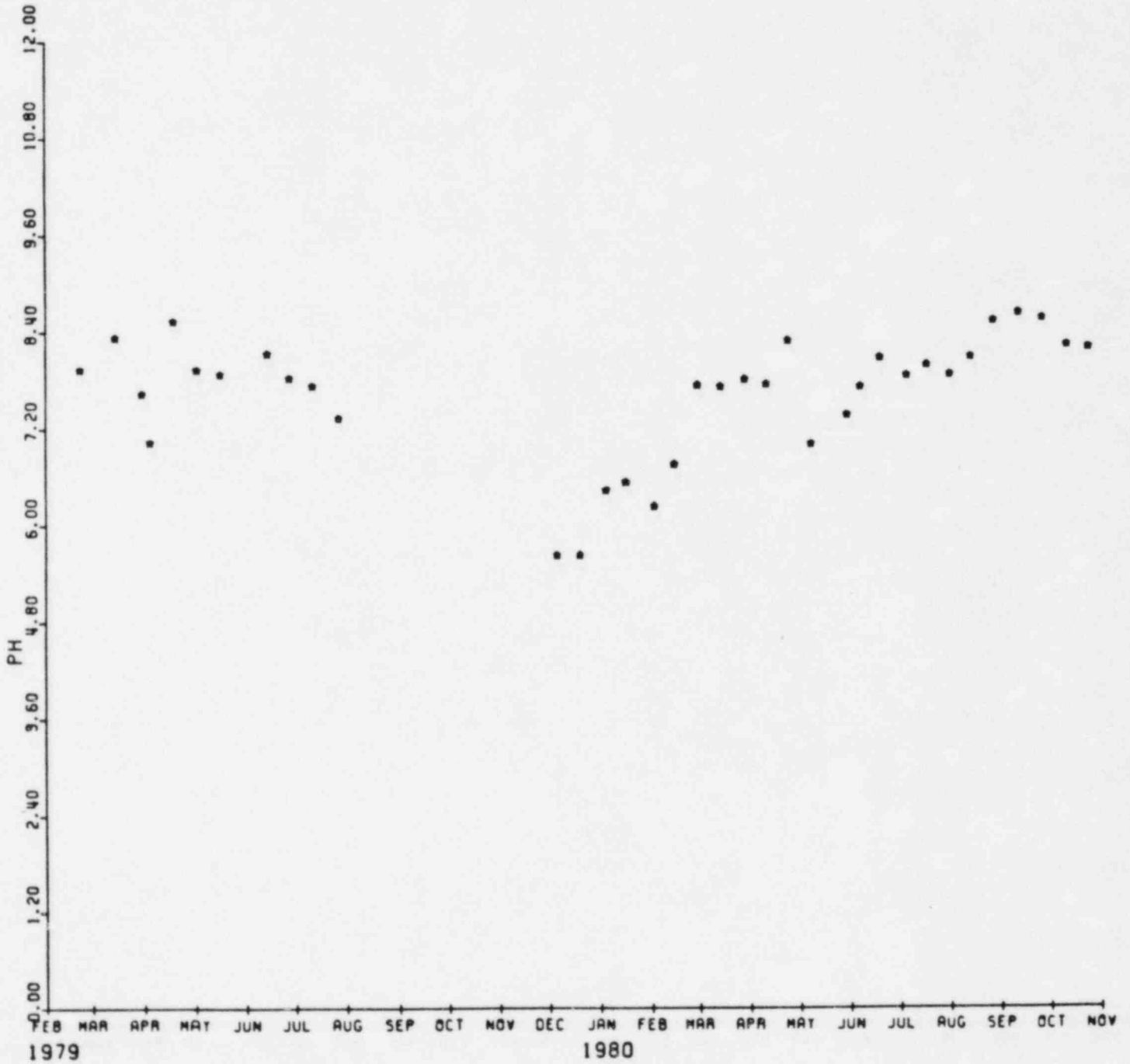


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL OPS (205)

PH VS TIME
1979-1980

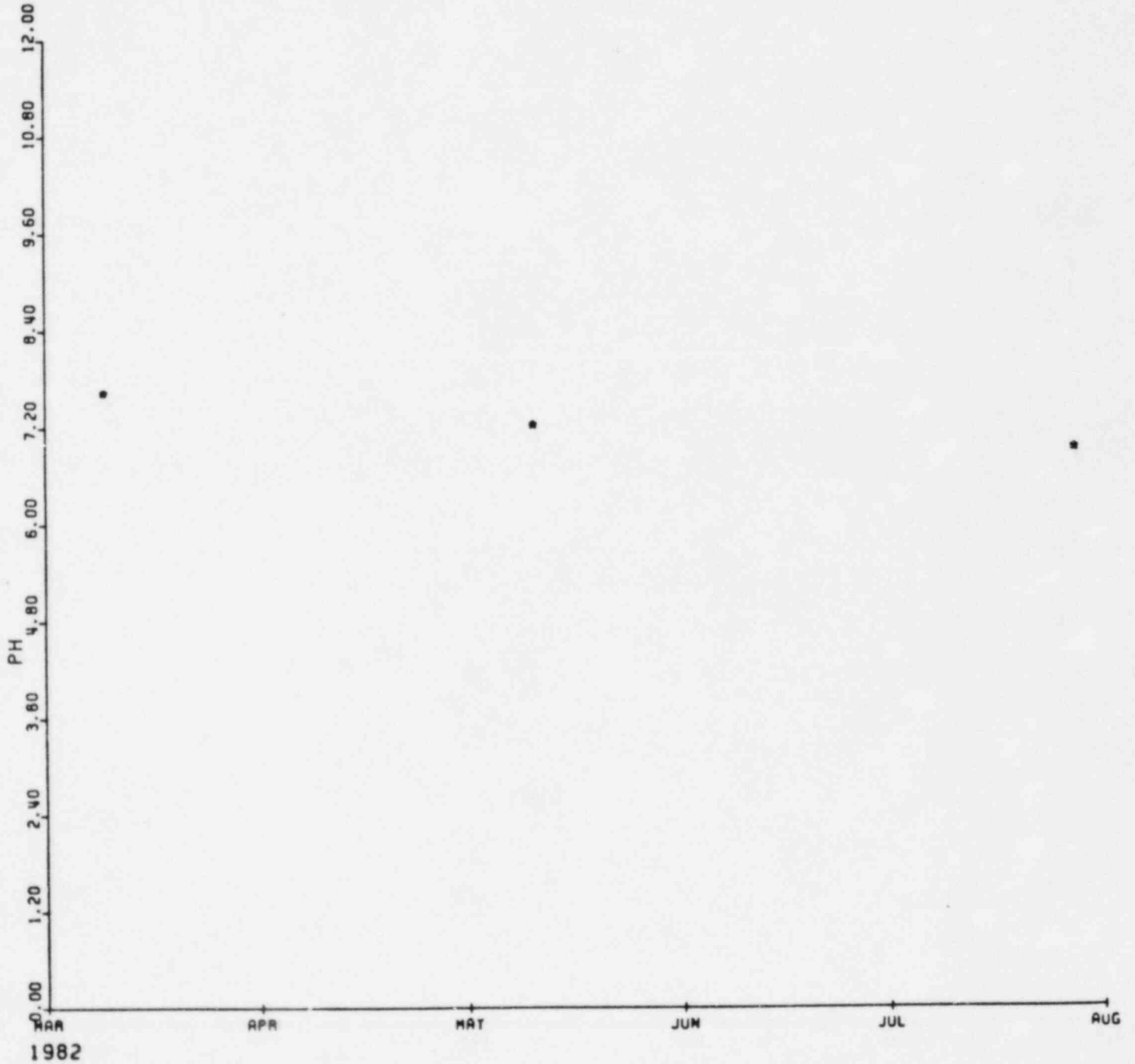


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL OPS (205)

PH VS TIME
1981-1982

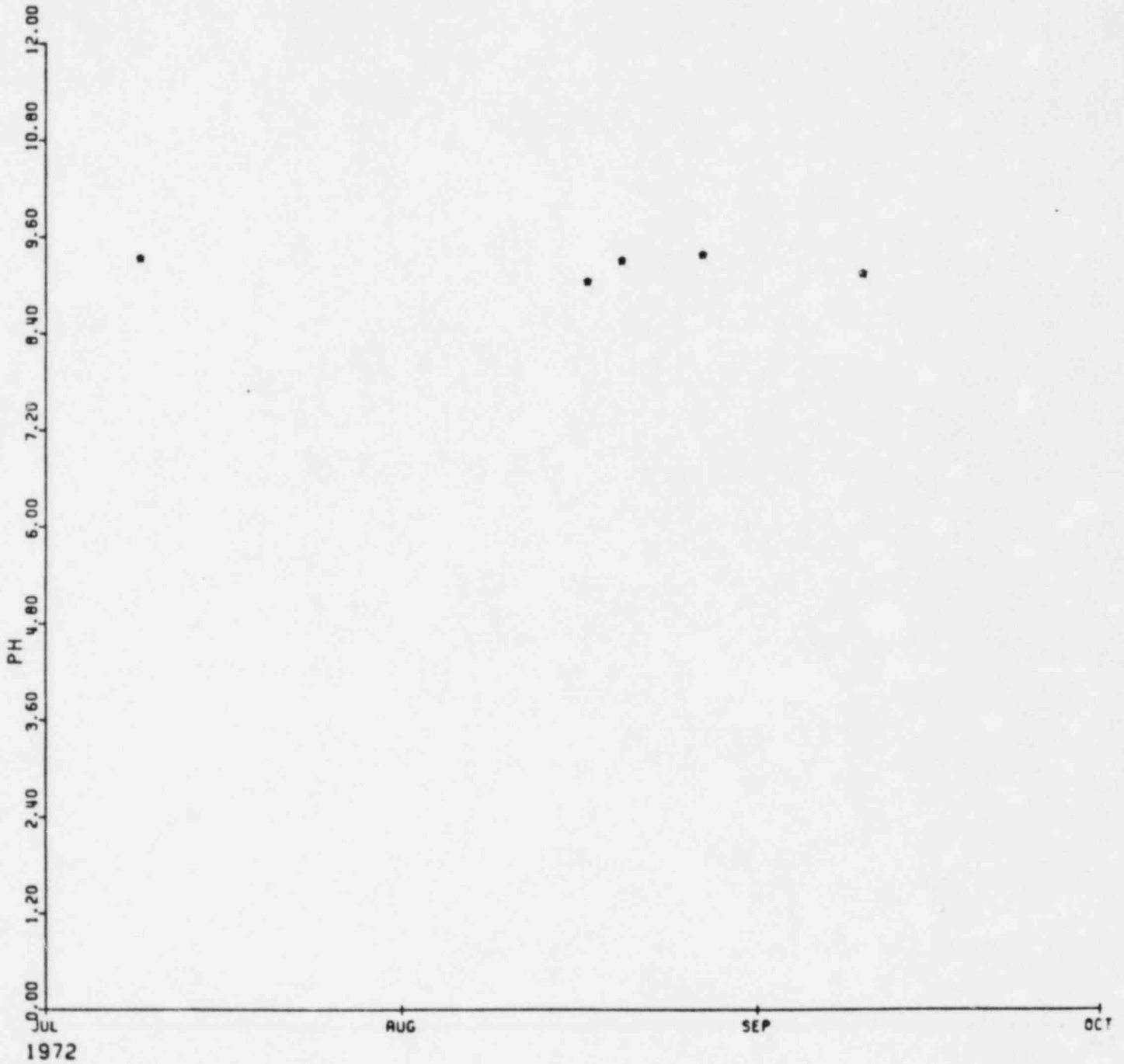


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP6 (206)

PH VS TIME
1971-1972

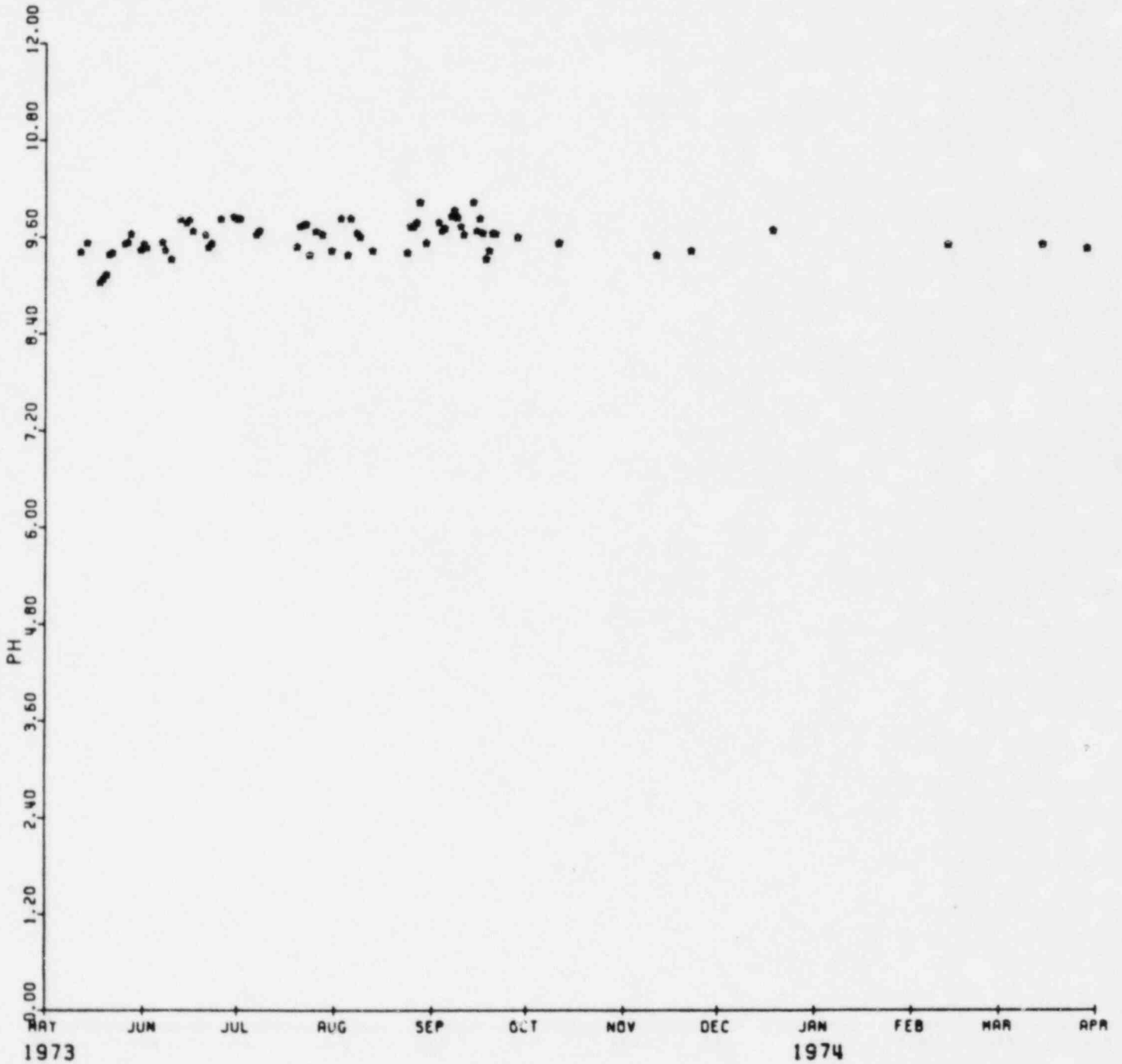


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP6 (206)

PH VS TIME
1973-1974

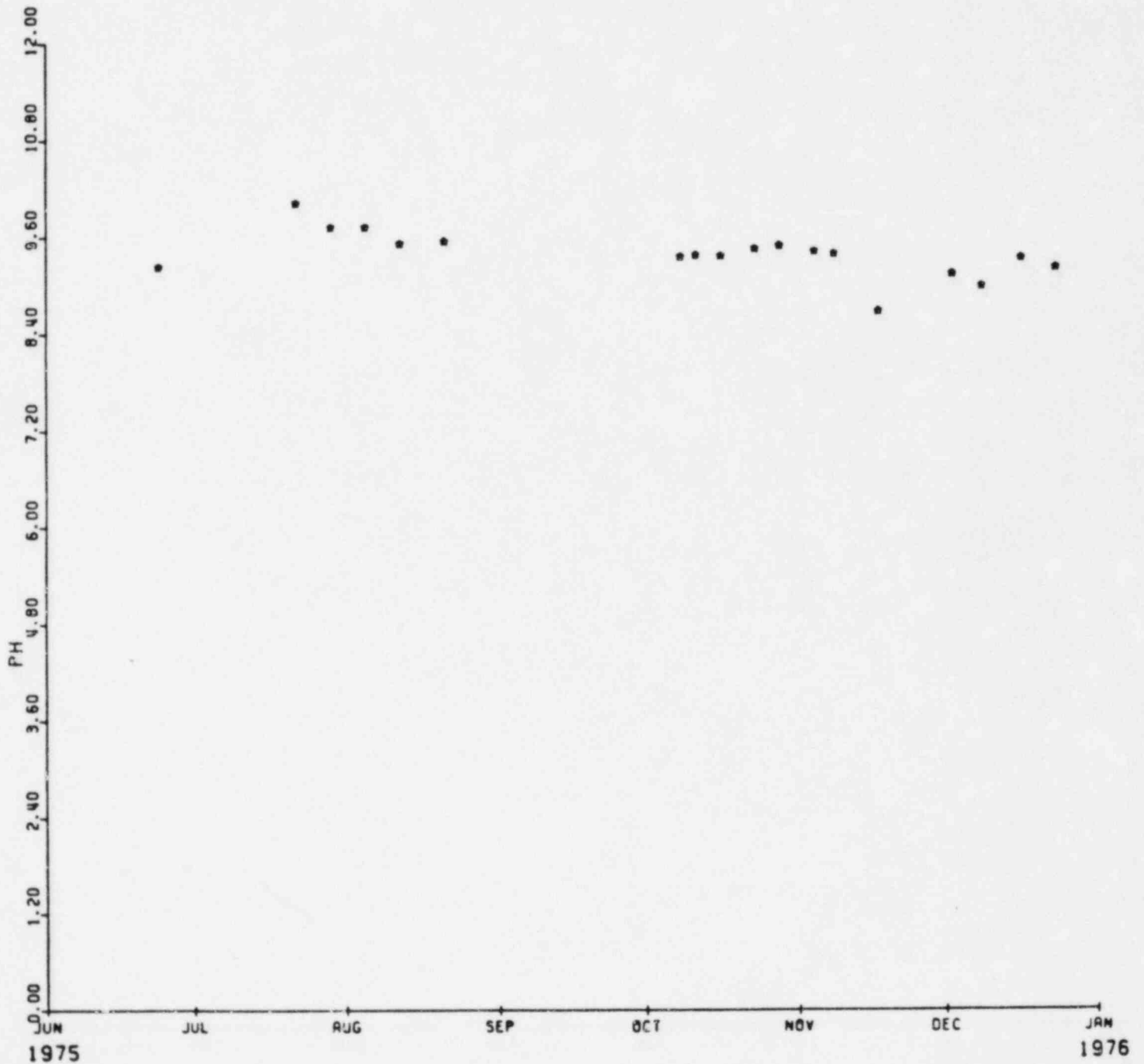


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP6 (206)

PH VS TIME
1975-1976

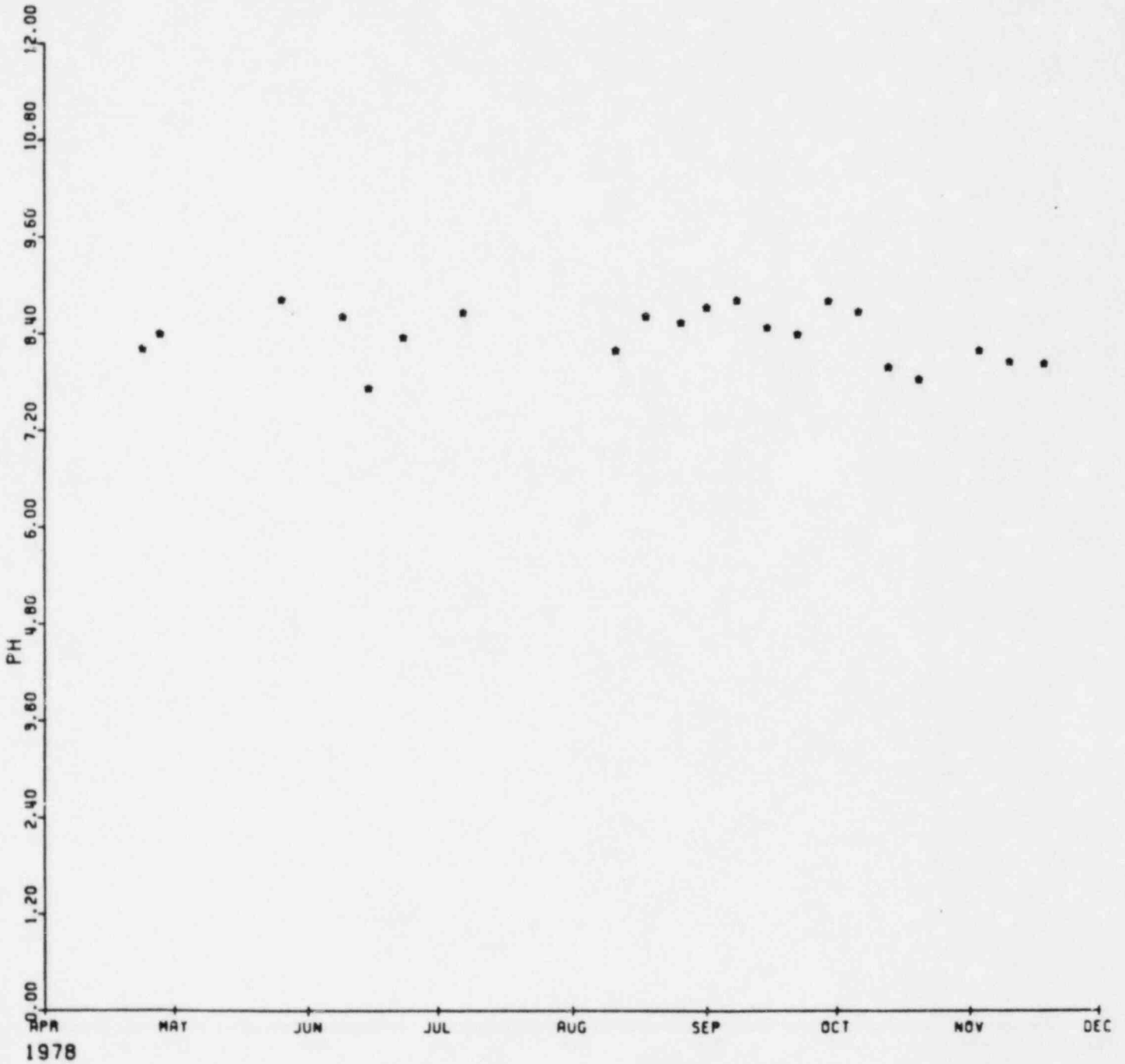


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP6 (206)

PH VS TIME
1977, 1978

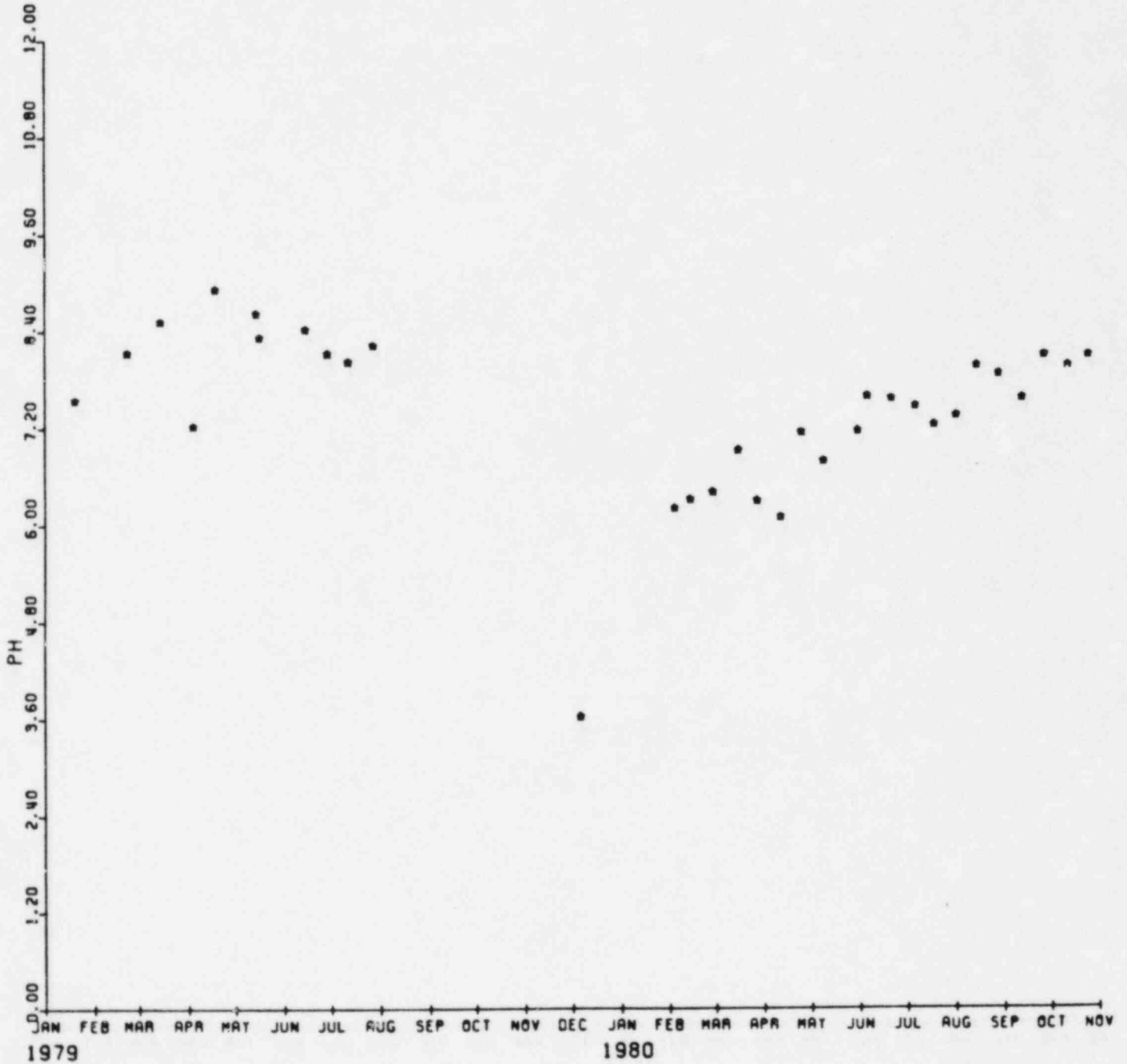


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP6 (206)

PH VS TIME
1979-1980

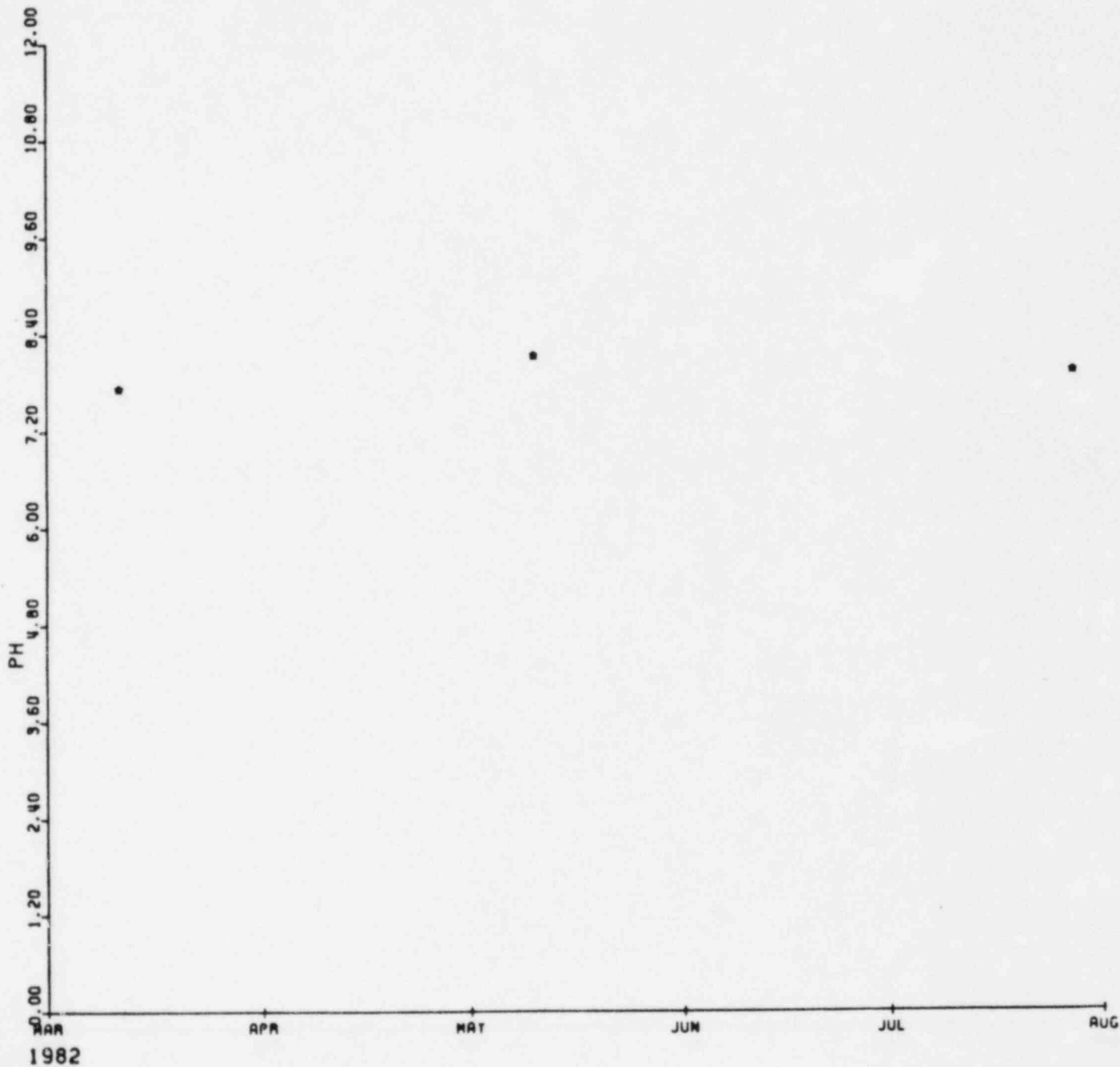


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP6 (2061)

PH VS TIME
1981-1982

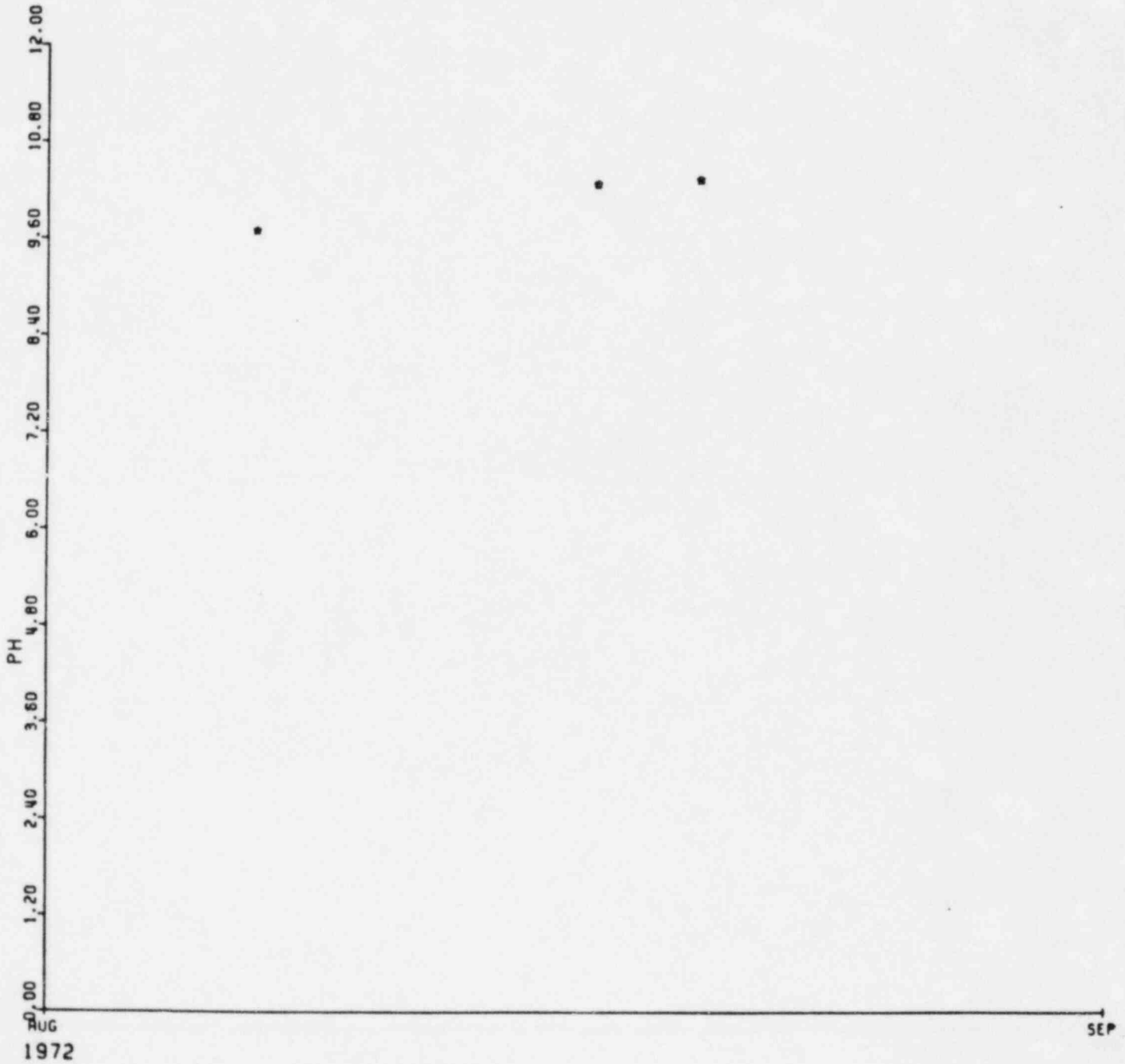


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL 00 7 (209)

PH VS TIME
1971-1972

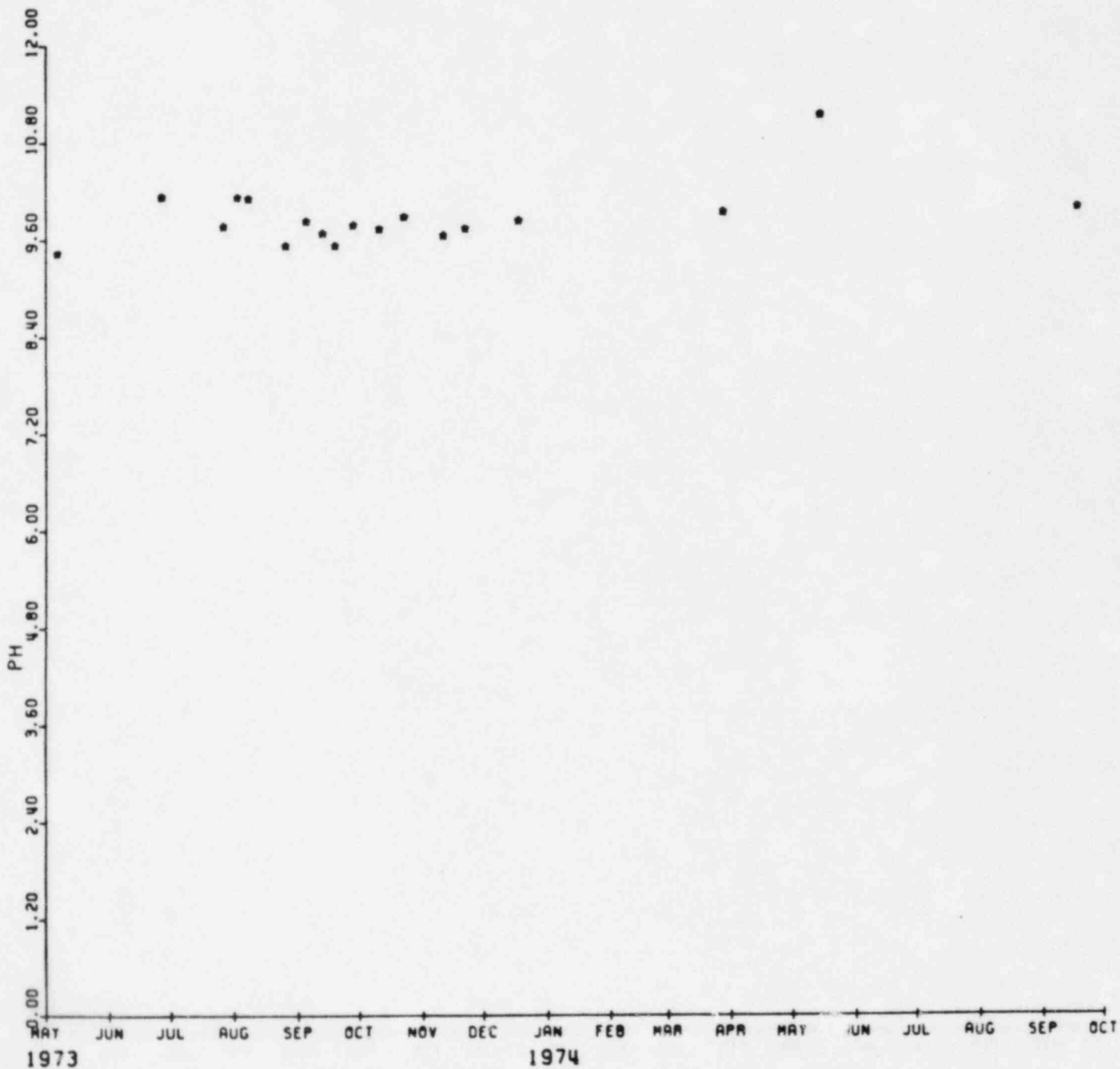


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL 00 7 (209)

PH VS TIME
1973-1974

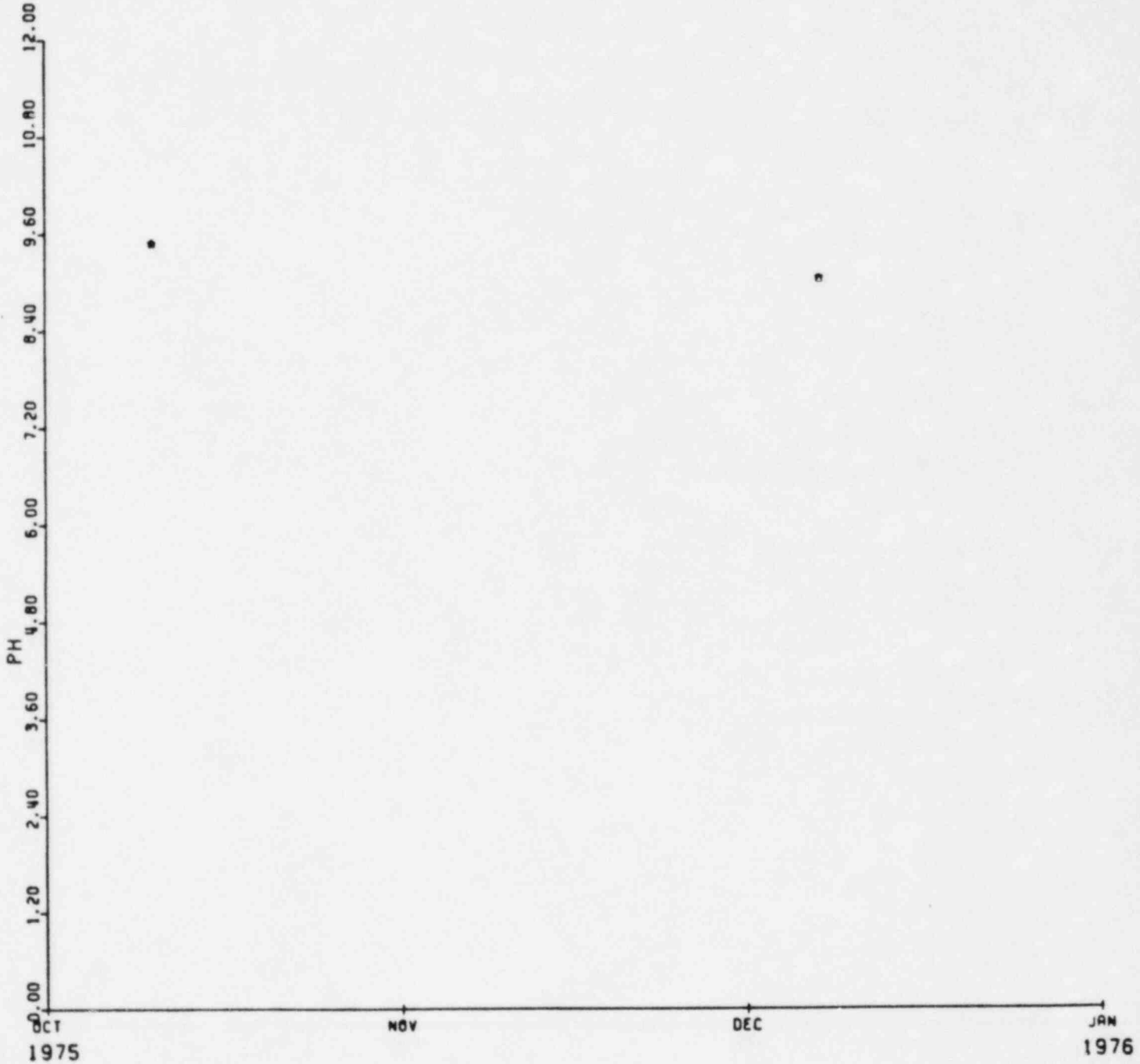


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL 00 7 (209)

PH VS TIME
1975-1976

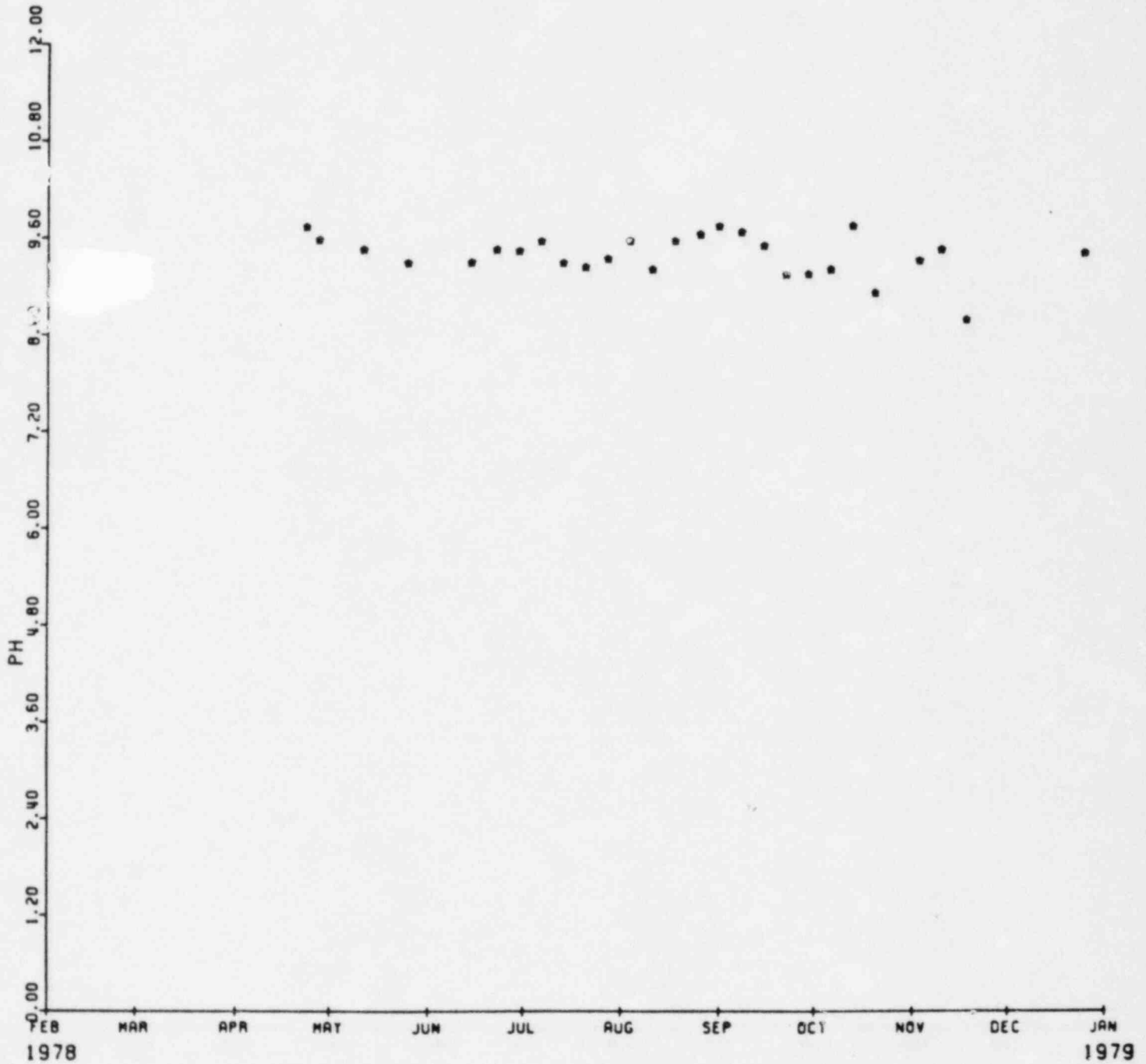


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 7 (209)

PH VS TIME
1977-1978

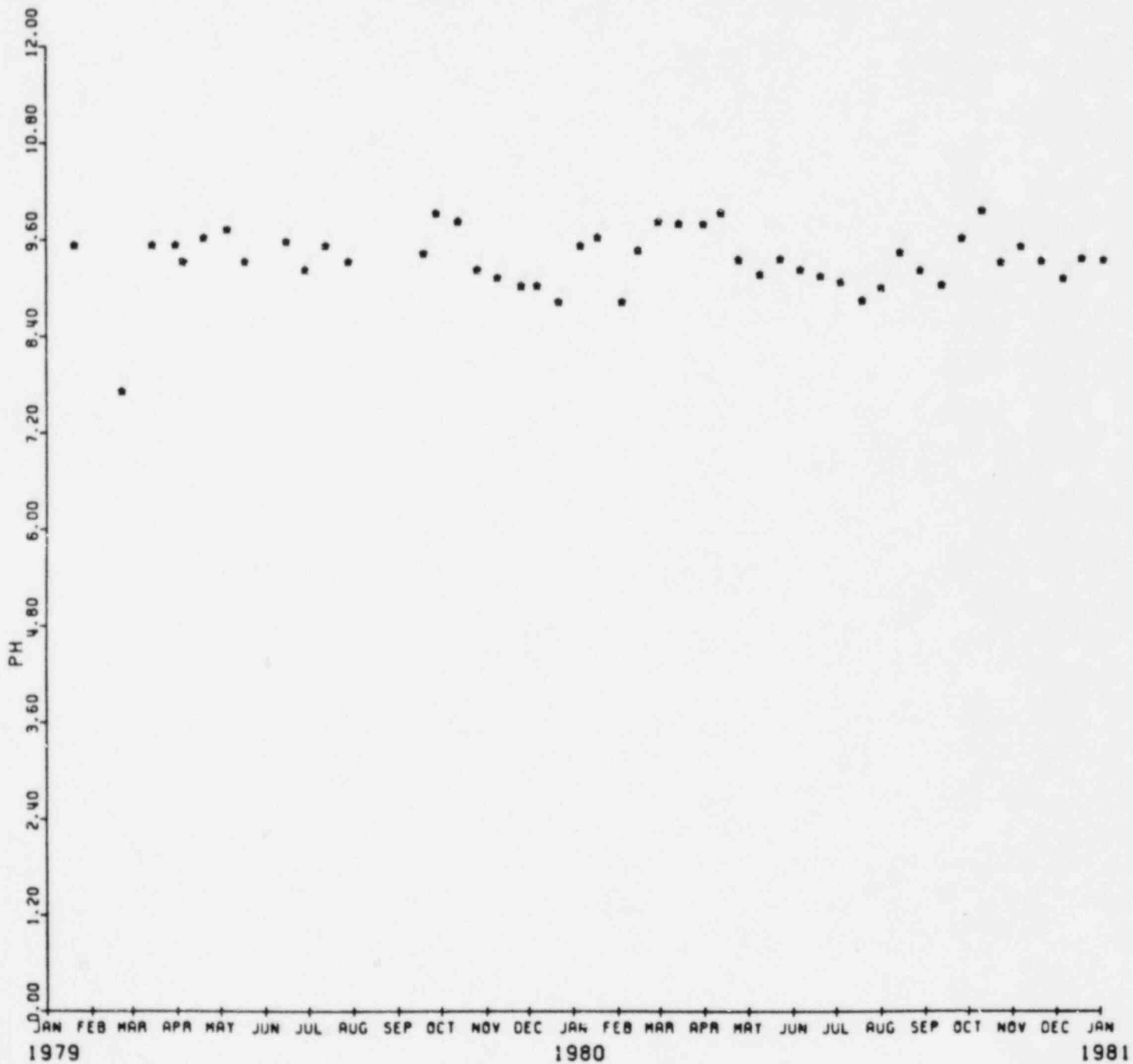


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 7 (209)

PH VS TIME
1979-1980

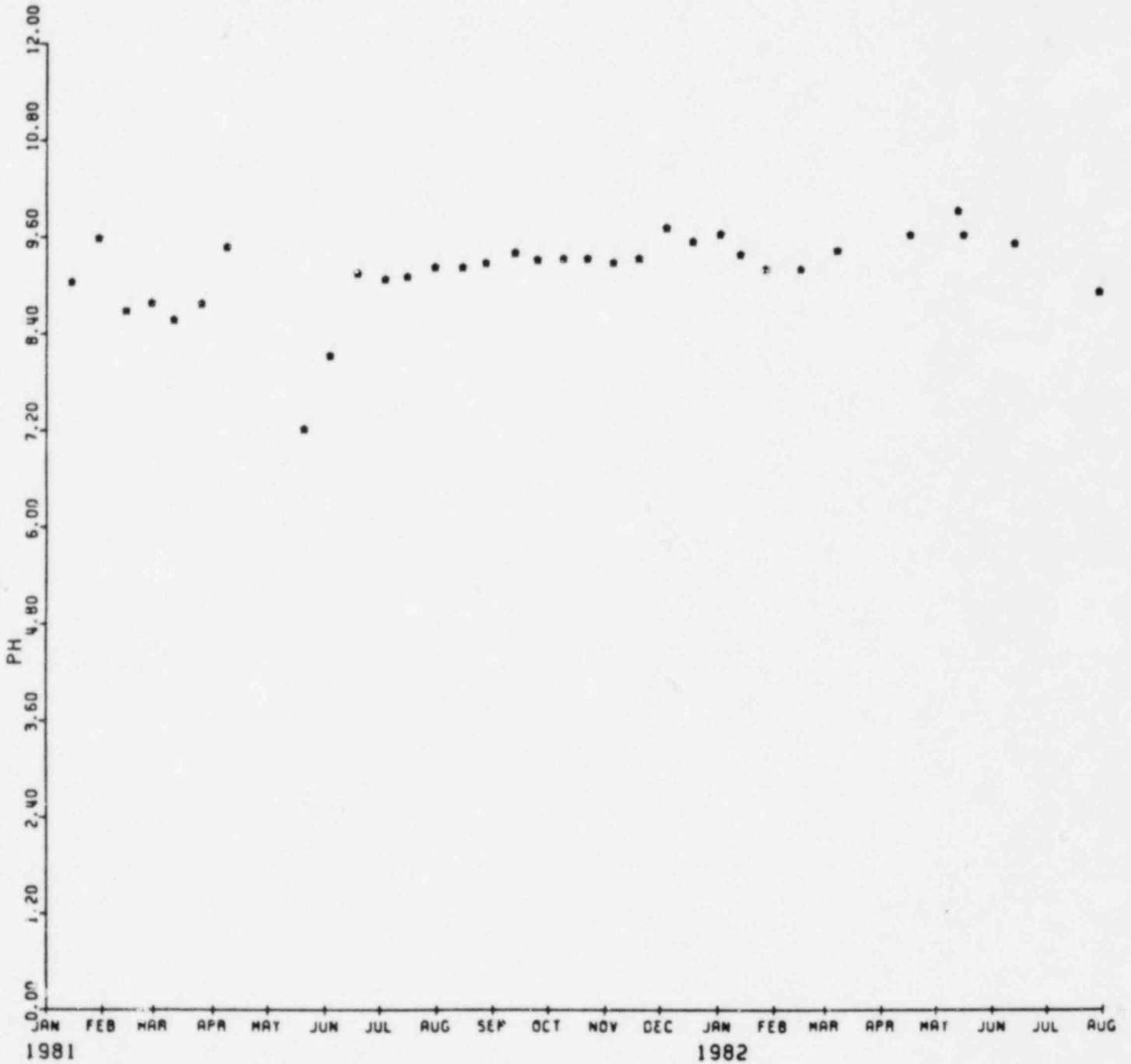


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 7 (209)

PH VS TIME
1981-1982

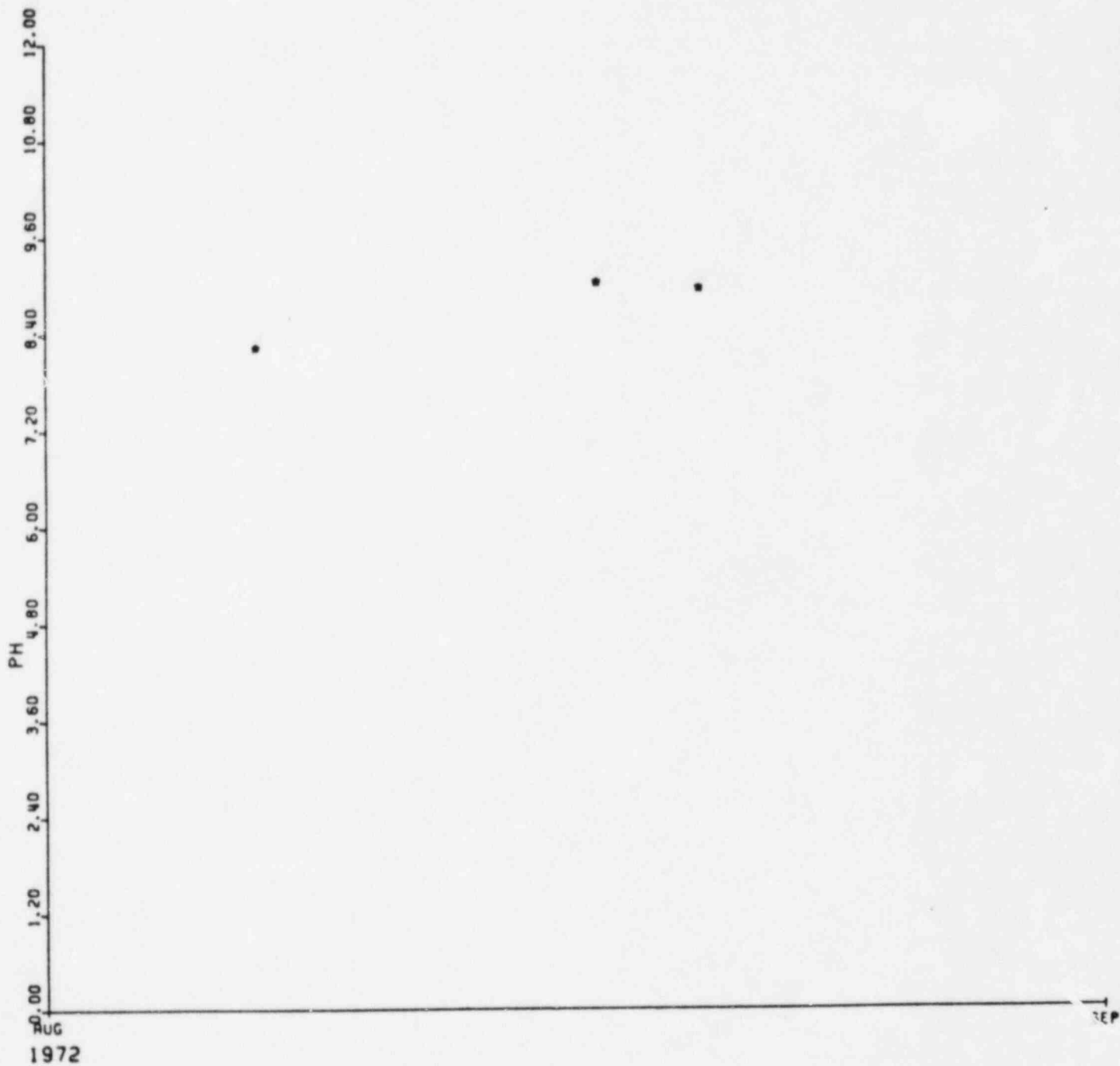


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL 00 8 (210)

PH VS TIME
1971-1972

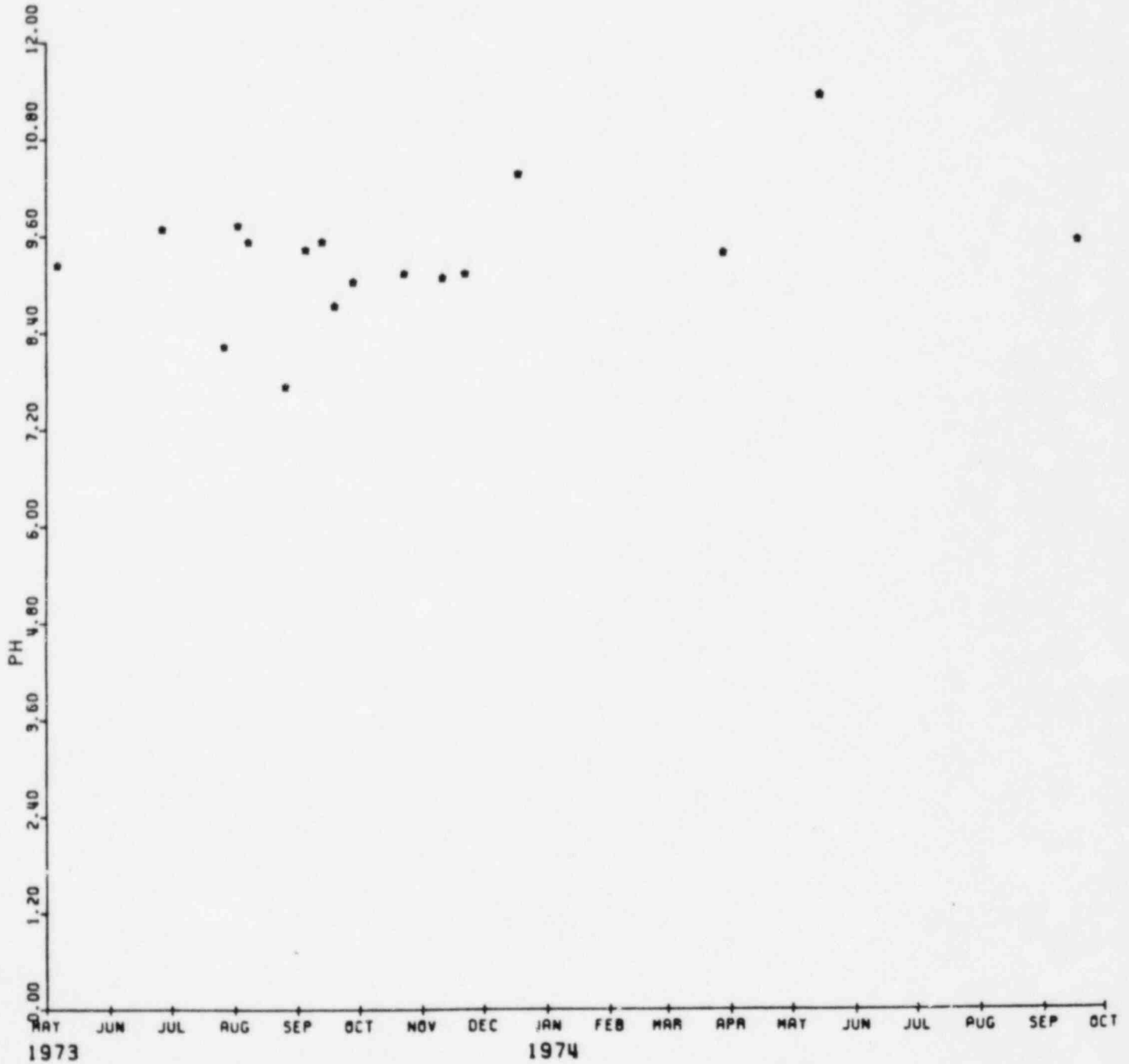


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL 00 8 (210)

PH VS TIME
1973-1974

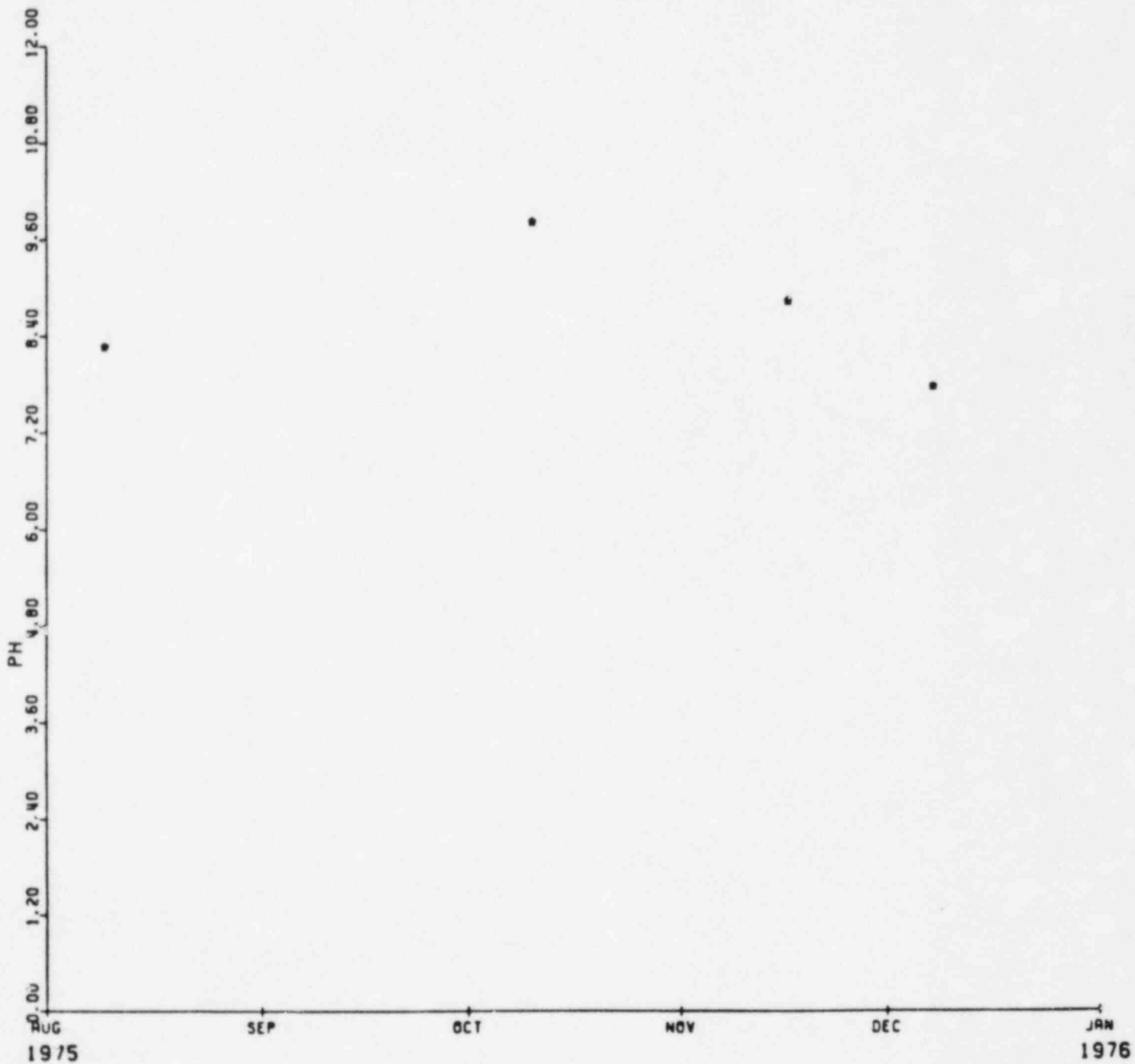


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL 00 8 (210)

PH VS TIME
1975-1976

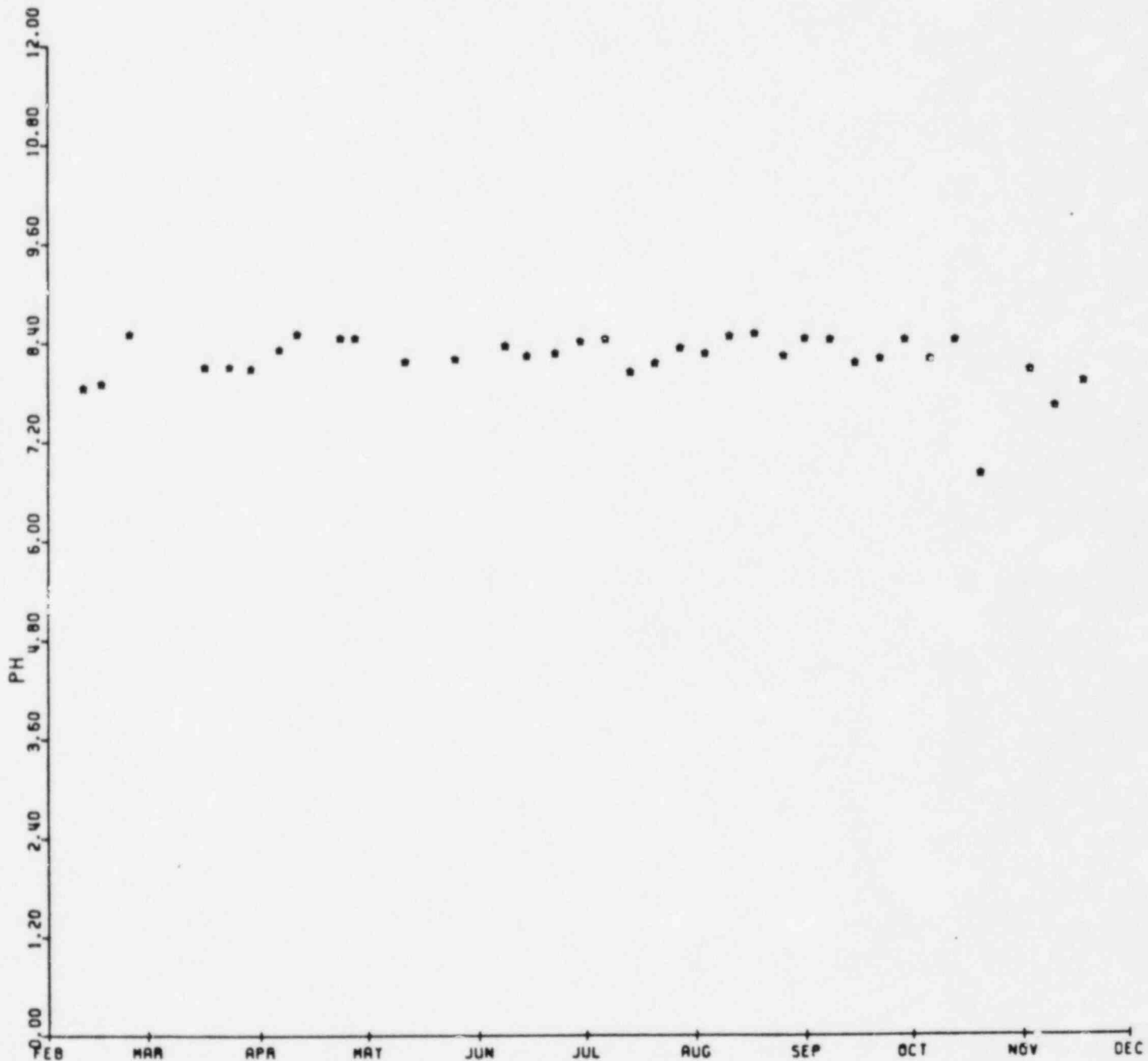


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL 00 8 (210)

PH VS TIME
1977-1978



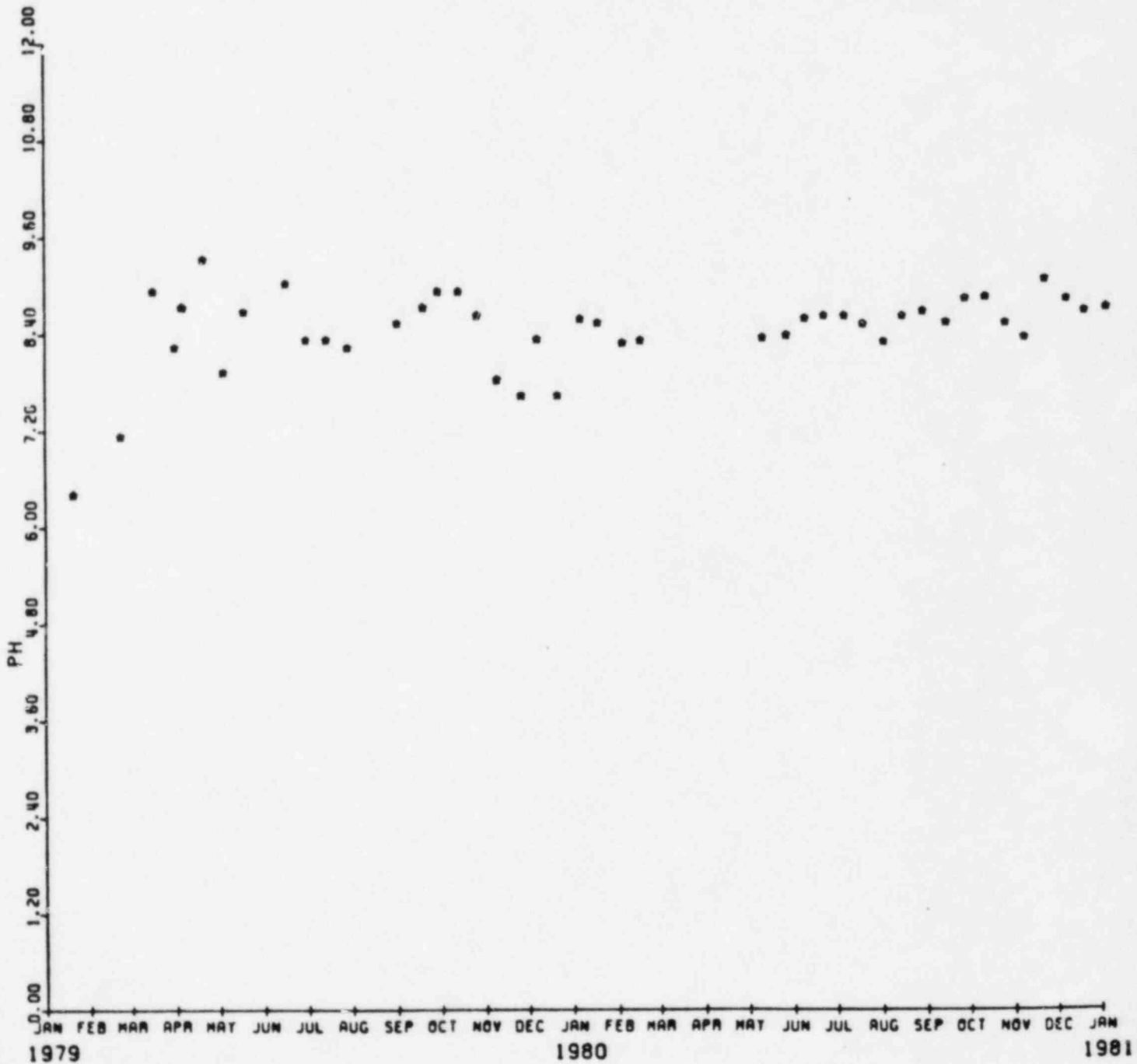
1978

EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL 00 8 (210)

PH VS TIME
1979-1980

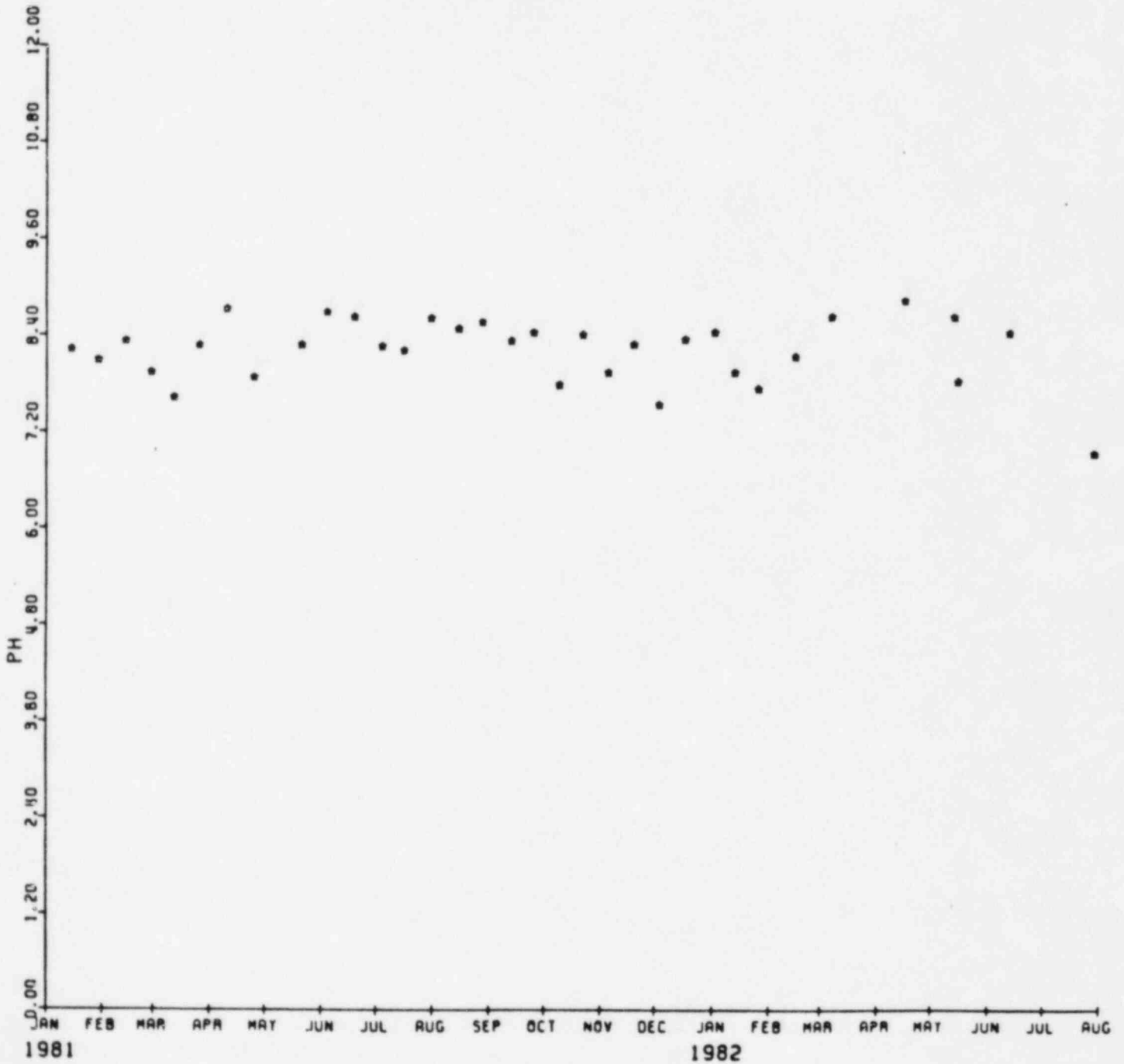


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL 00 8 (210)

PH VS TIME
1981-1982

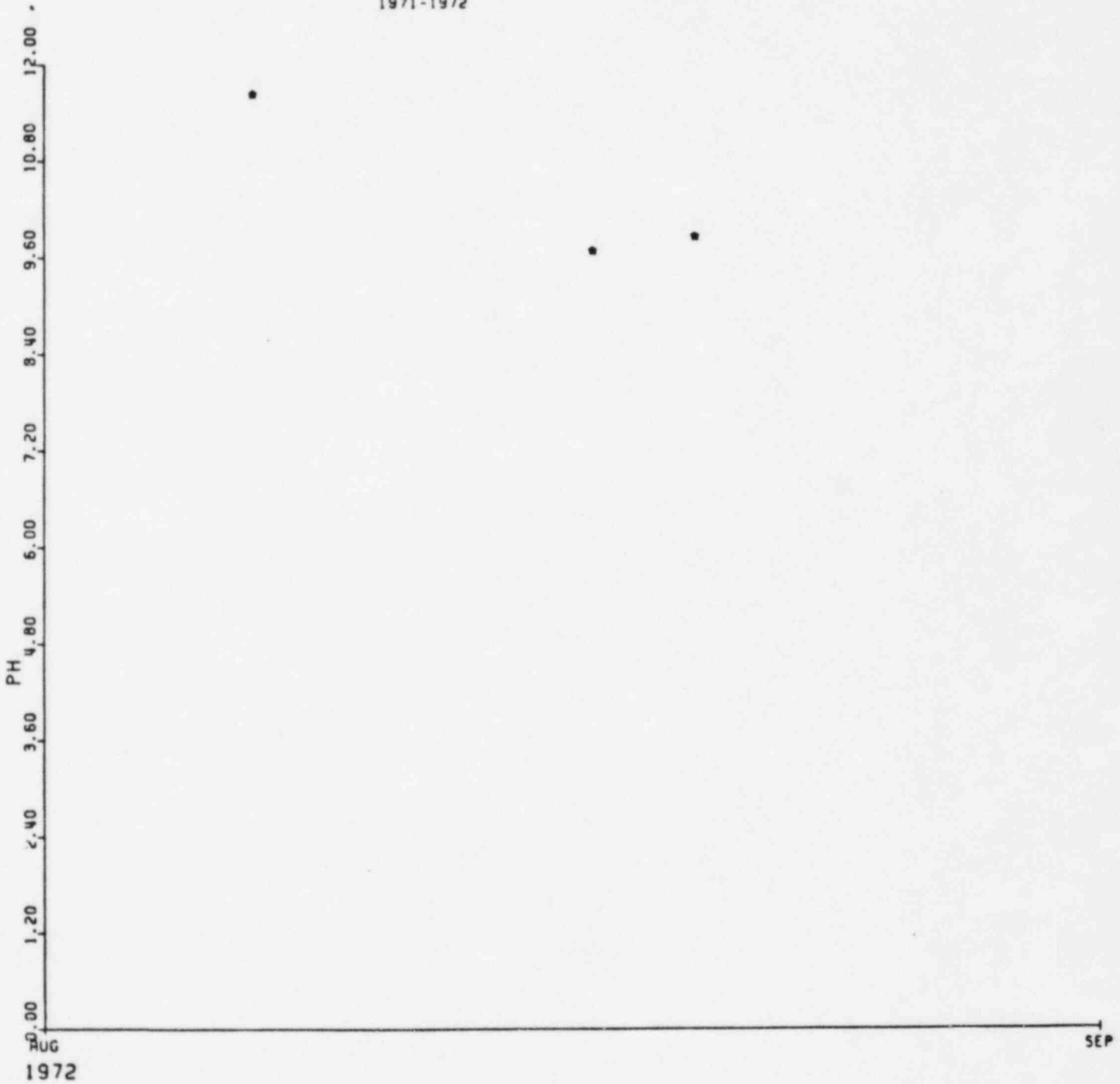


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 009 (211)

PH VS TIME
1971-1972

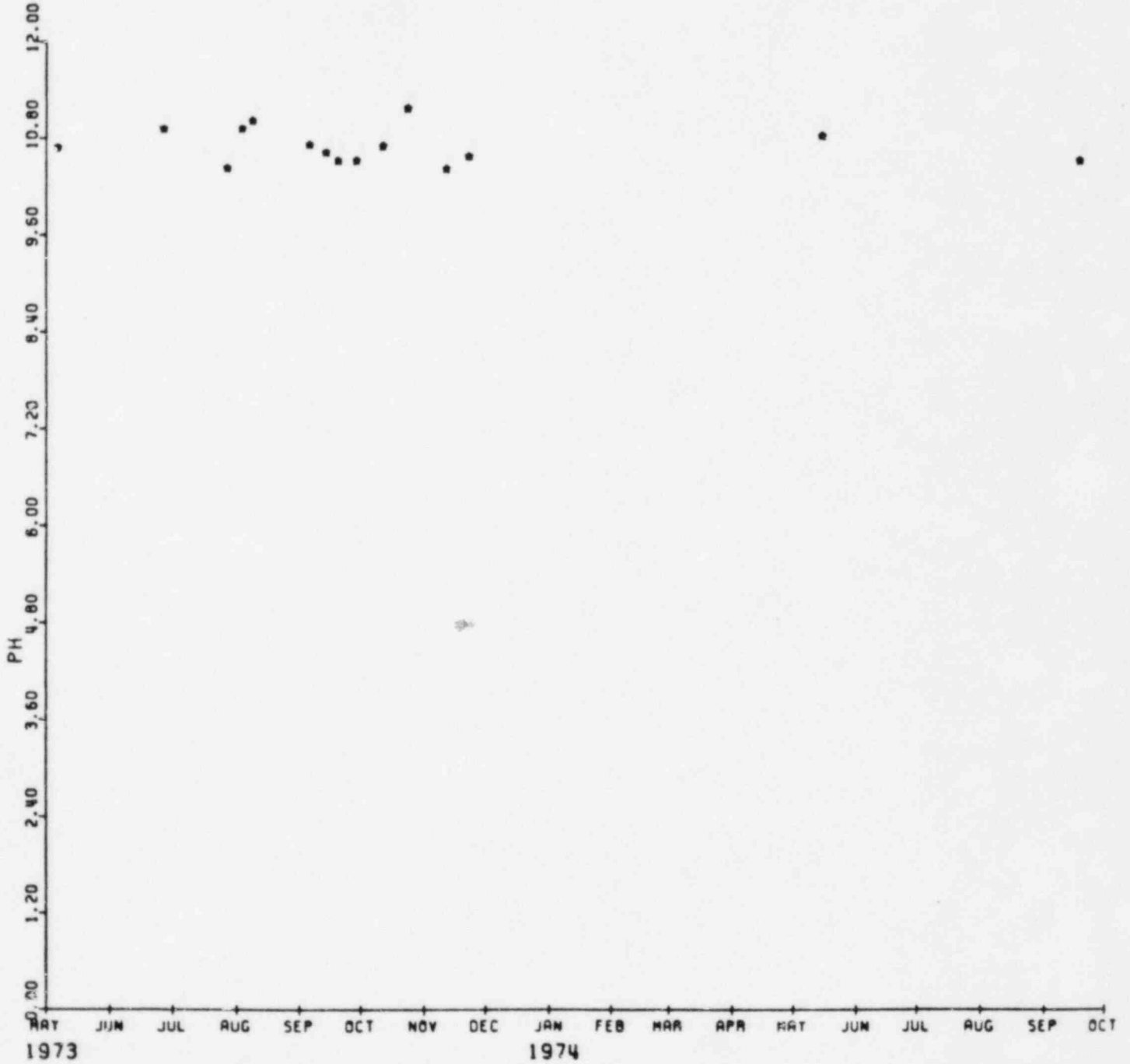


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 9 (211)

PH VS TIME
1973-1974



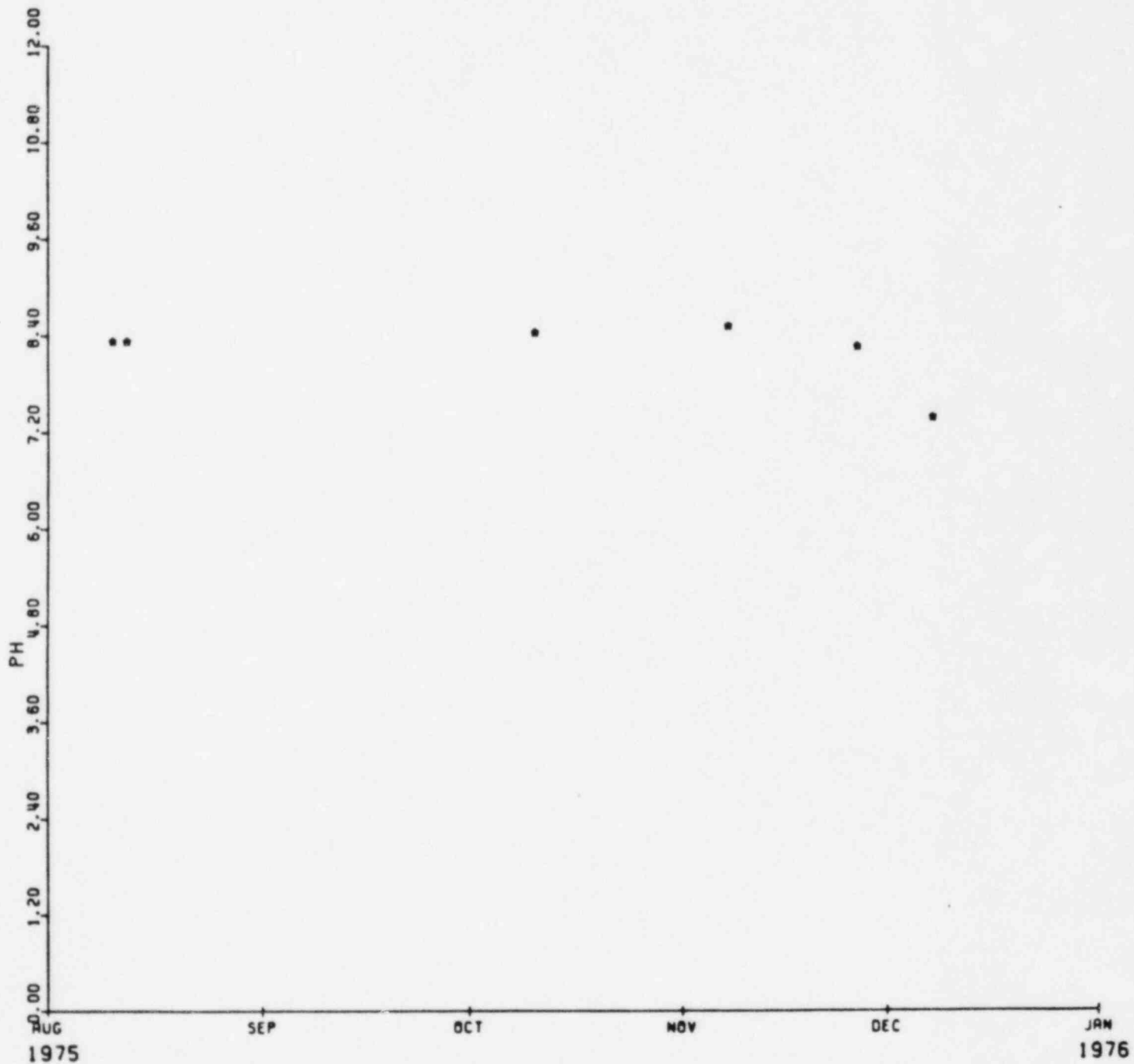
EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 9 (211)

PH VS TIME

1975-1976

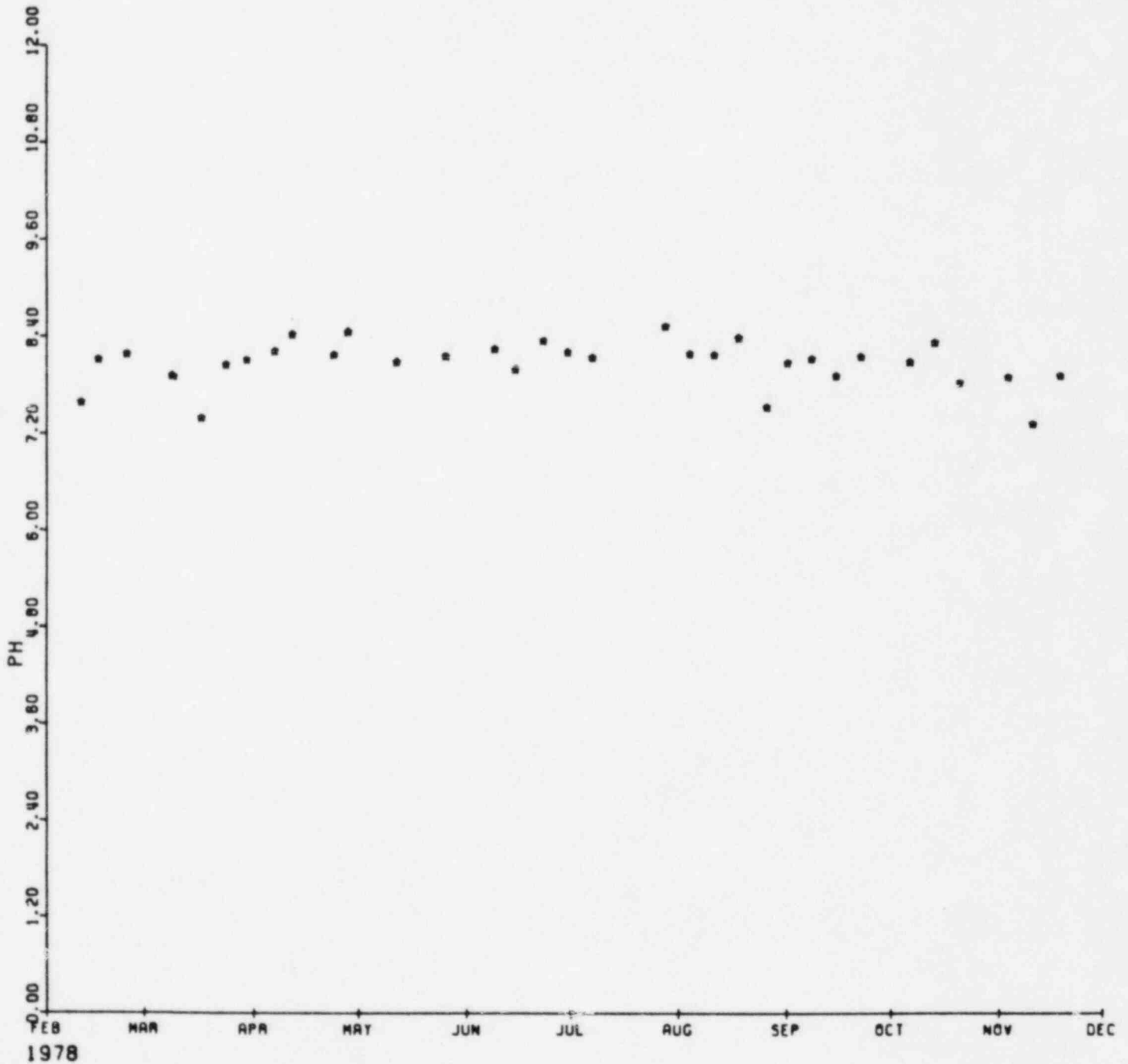


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 9 (211)

PH VS TIME
1977-1978

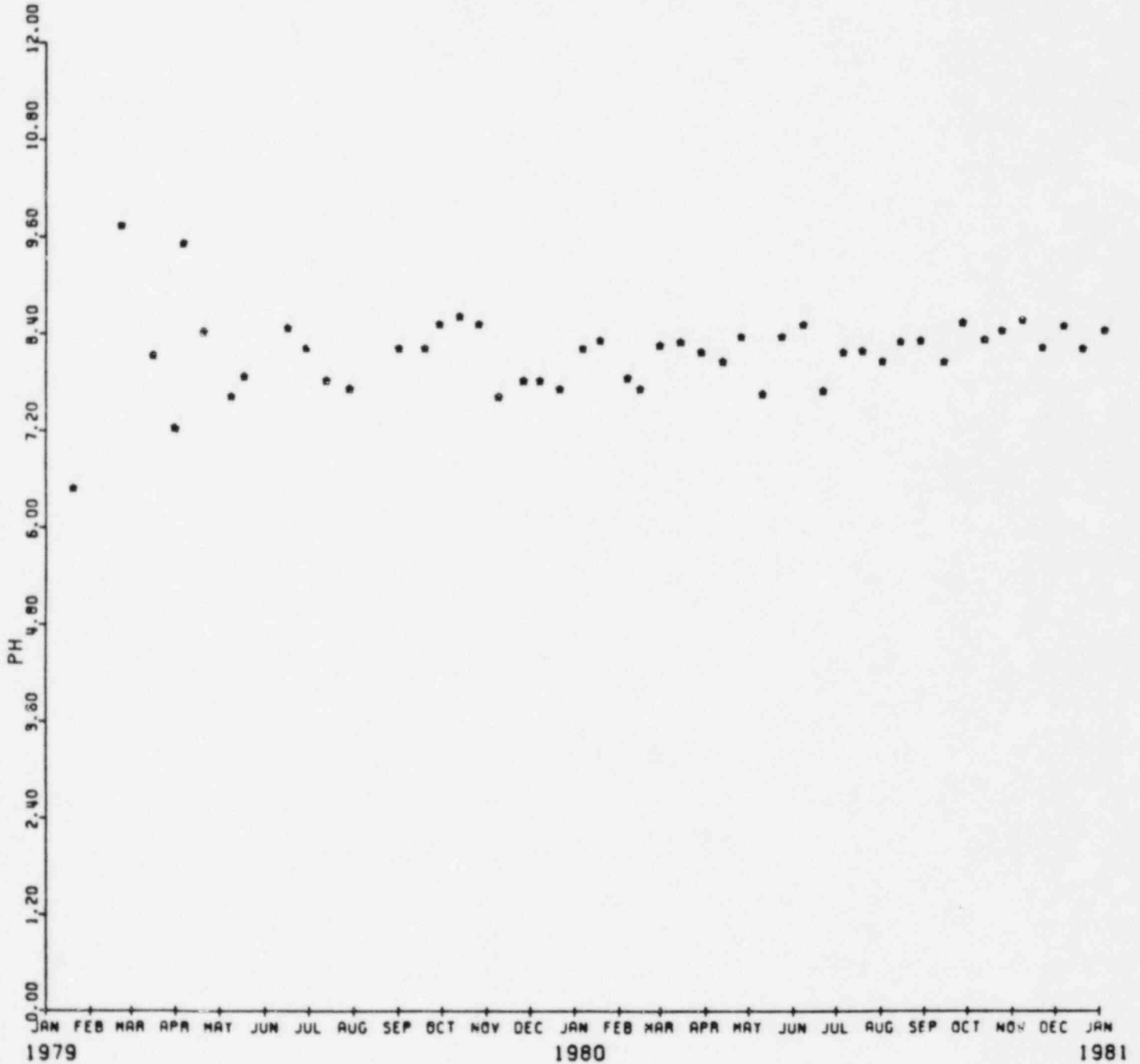


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 9 (211)

PH VS TIME
1979-1980

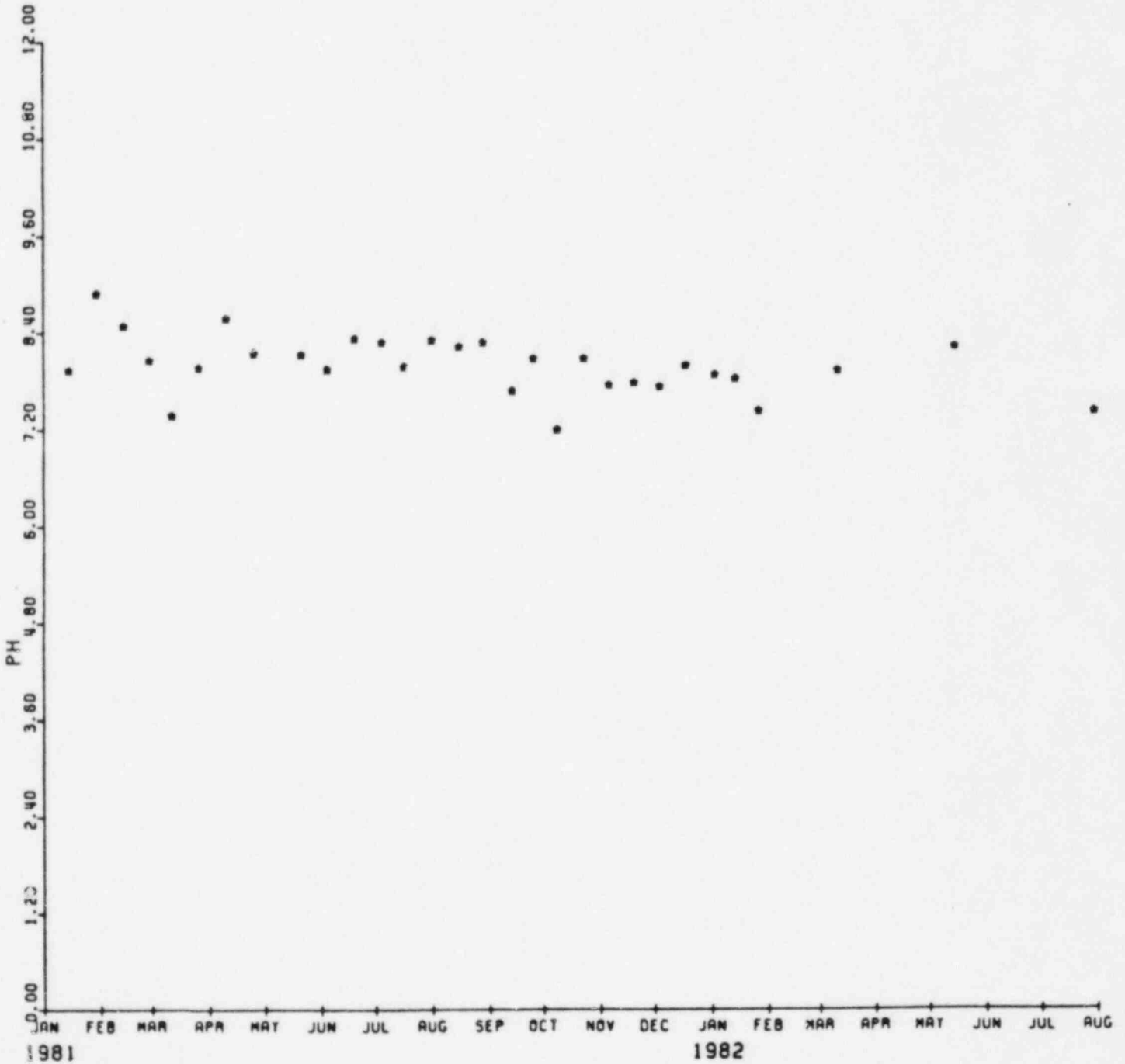


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 9 (211)

PH VS TIME
1981-1982

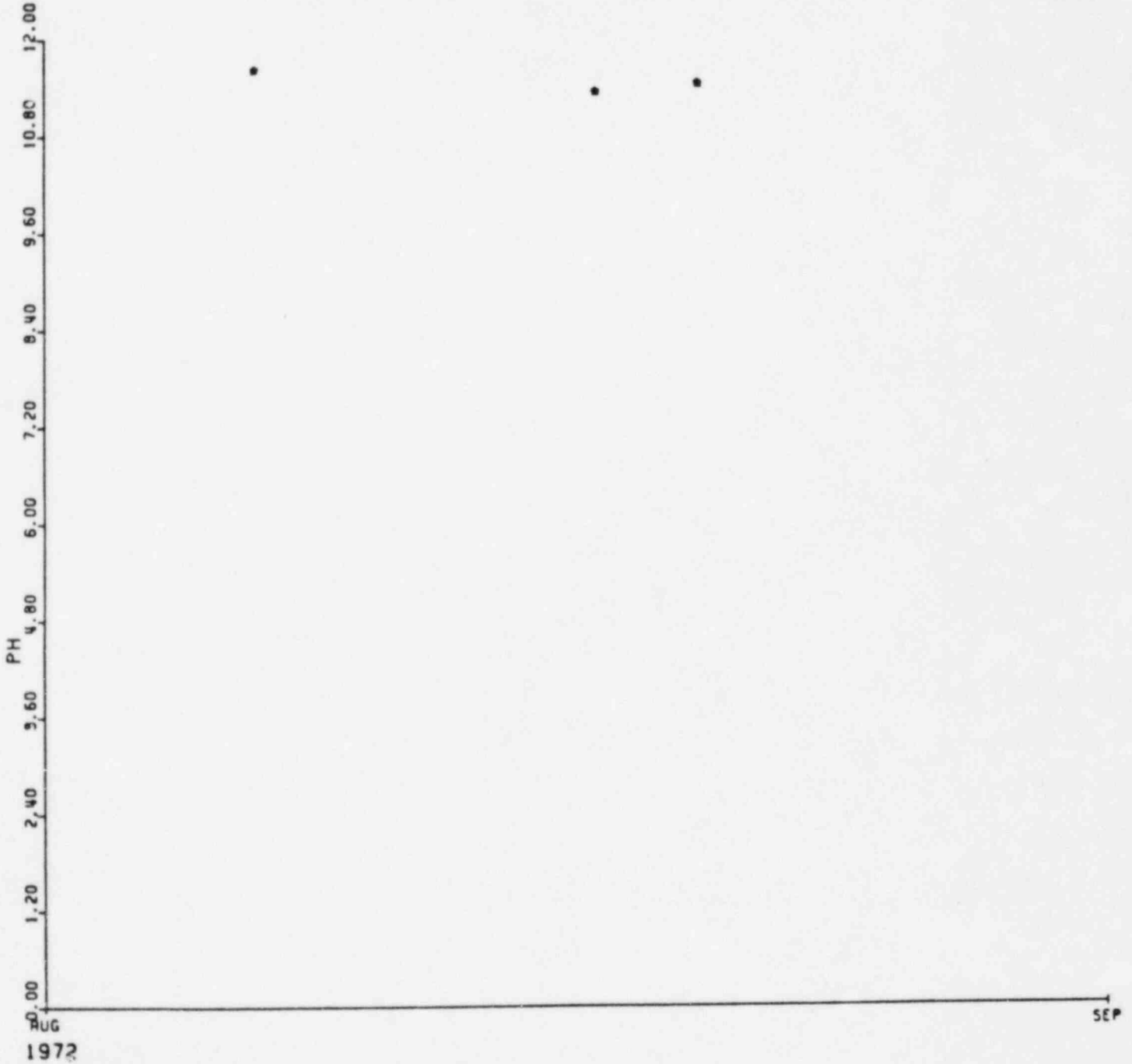


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 10 (212)

PH VS TIME
1971-1972

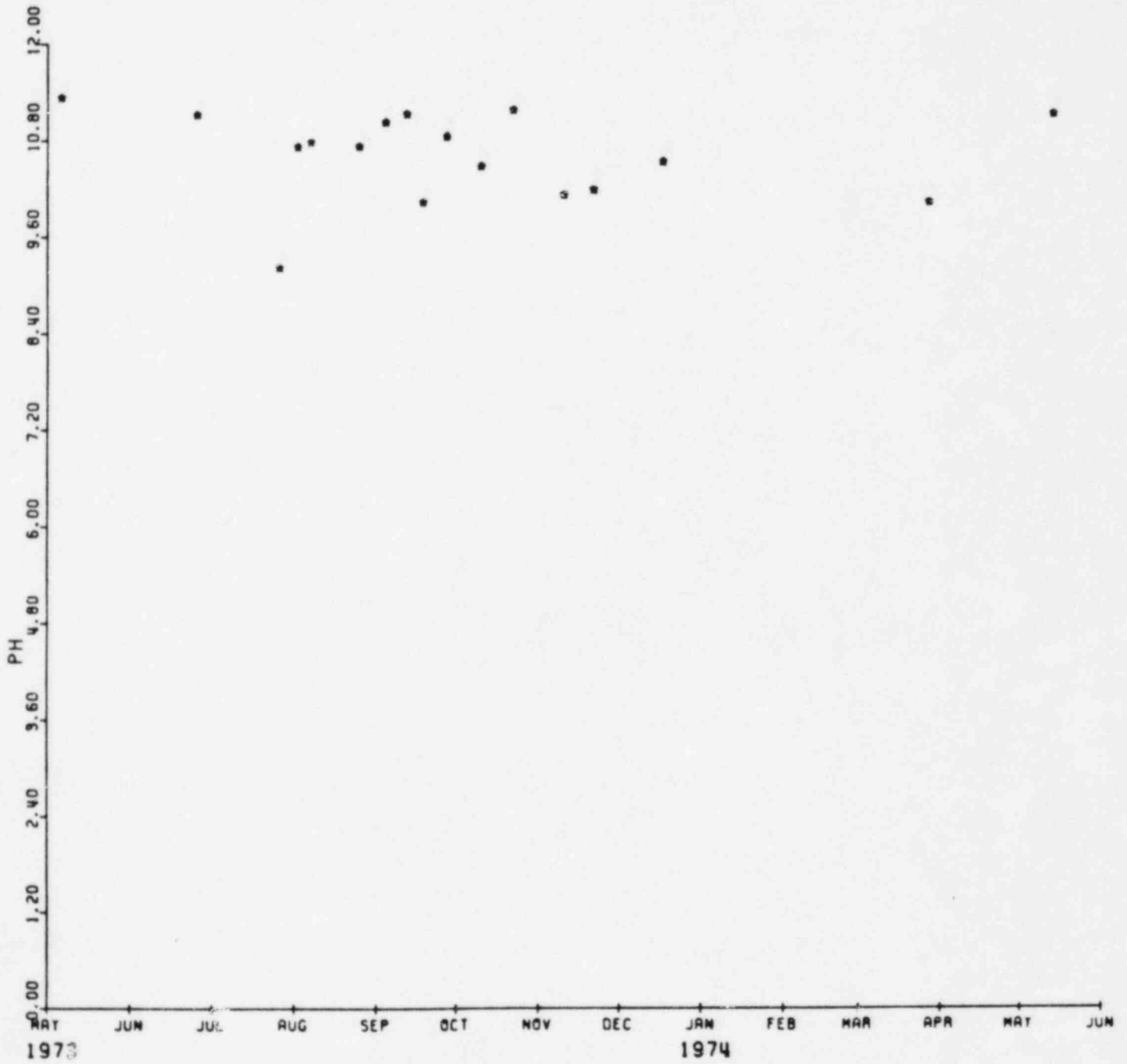


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 10 (212)

PH VS TIME
1973-1974

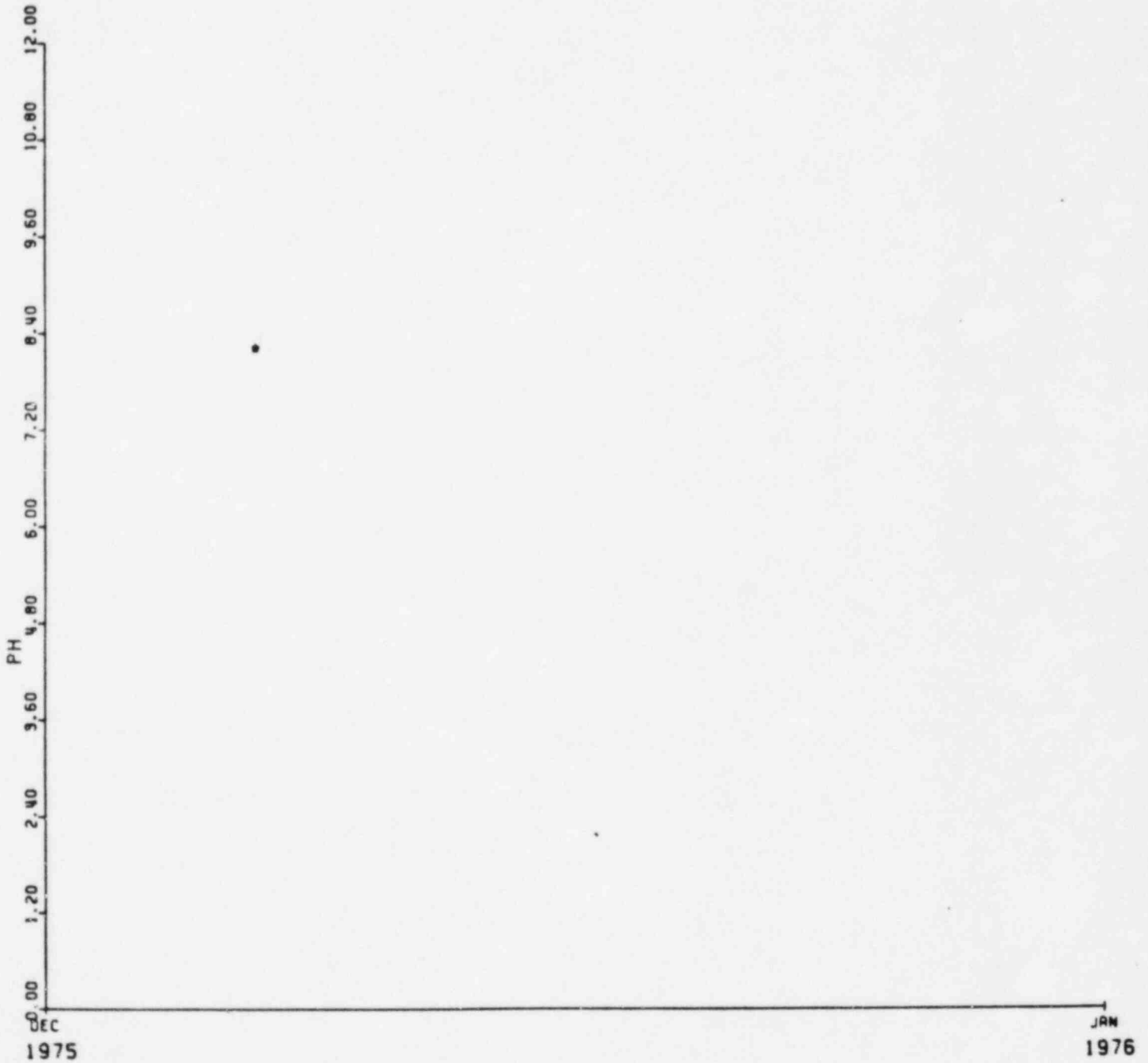


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 10 (212)

PH VS TIME
1975-1976

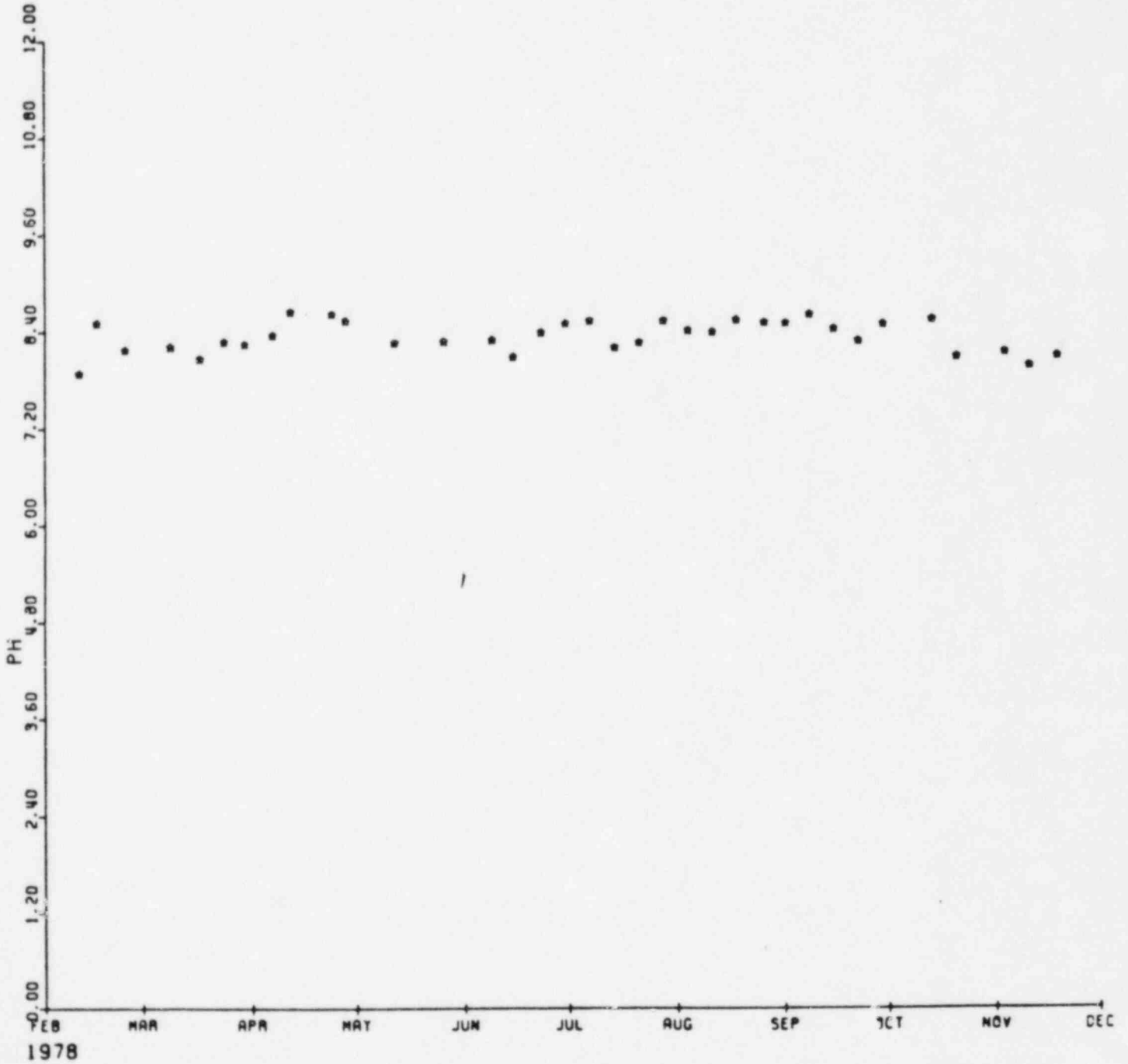


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 10 (212)

PH VS TIME
1977-1978

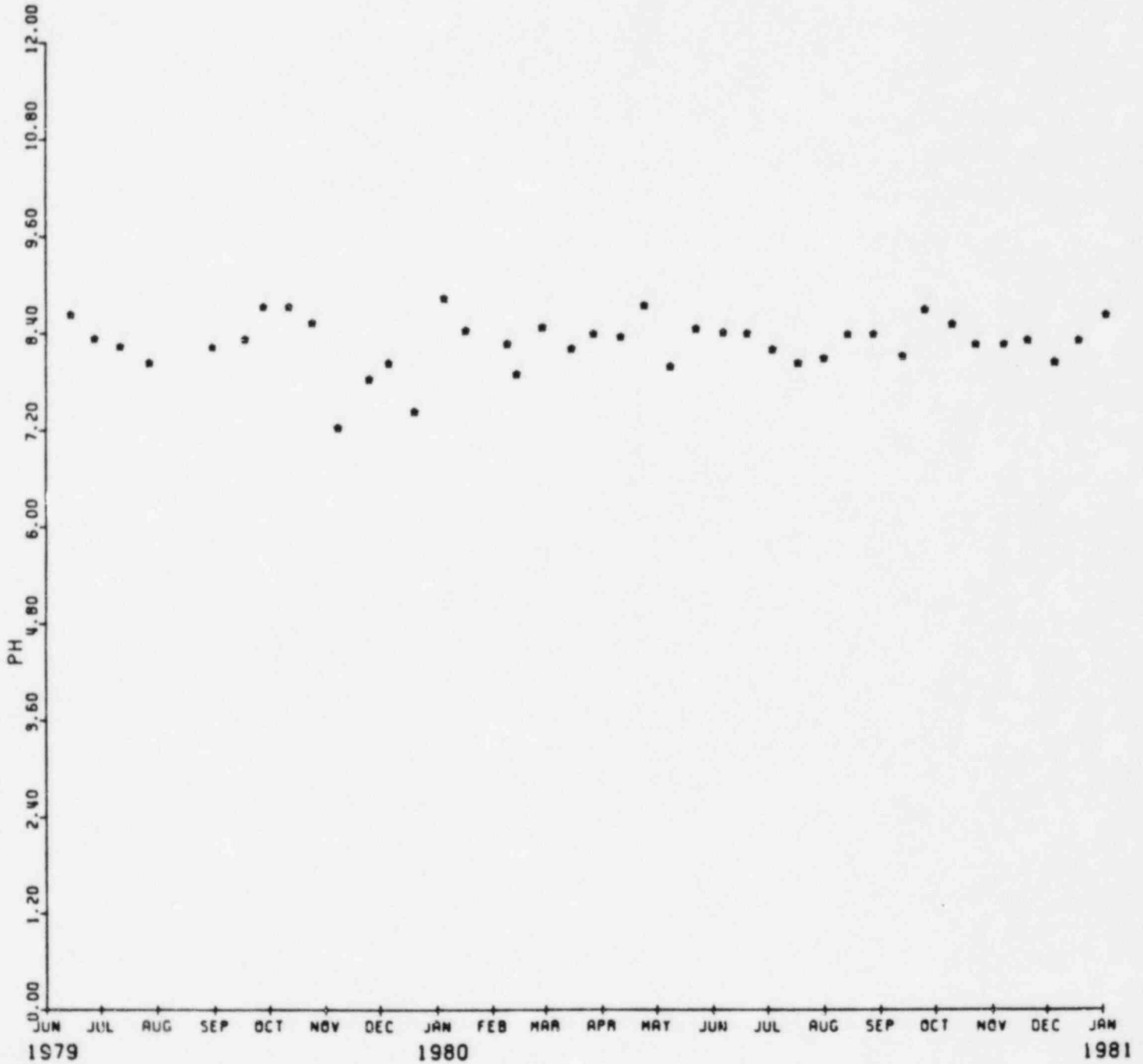


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 10 (212)

PH VS TIME
1979-1980

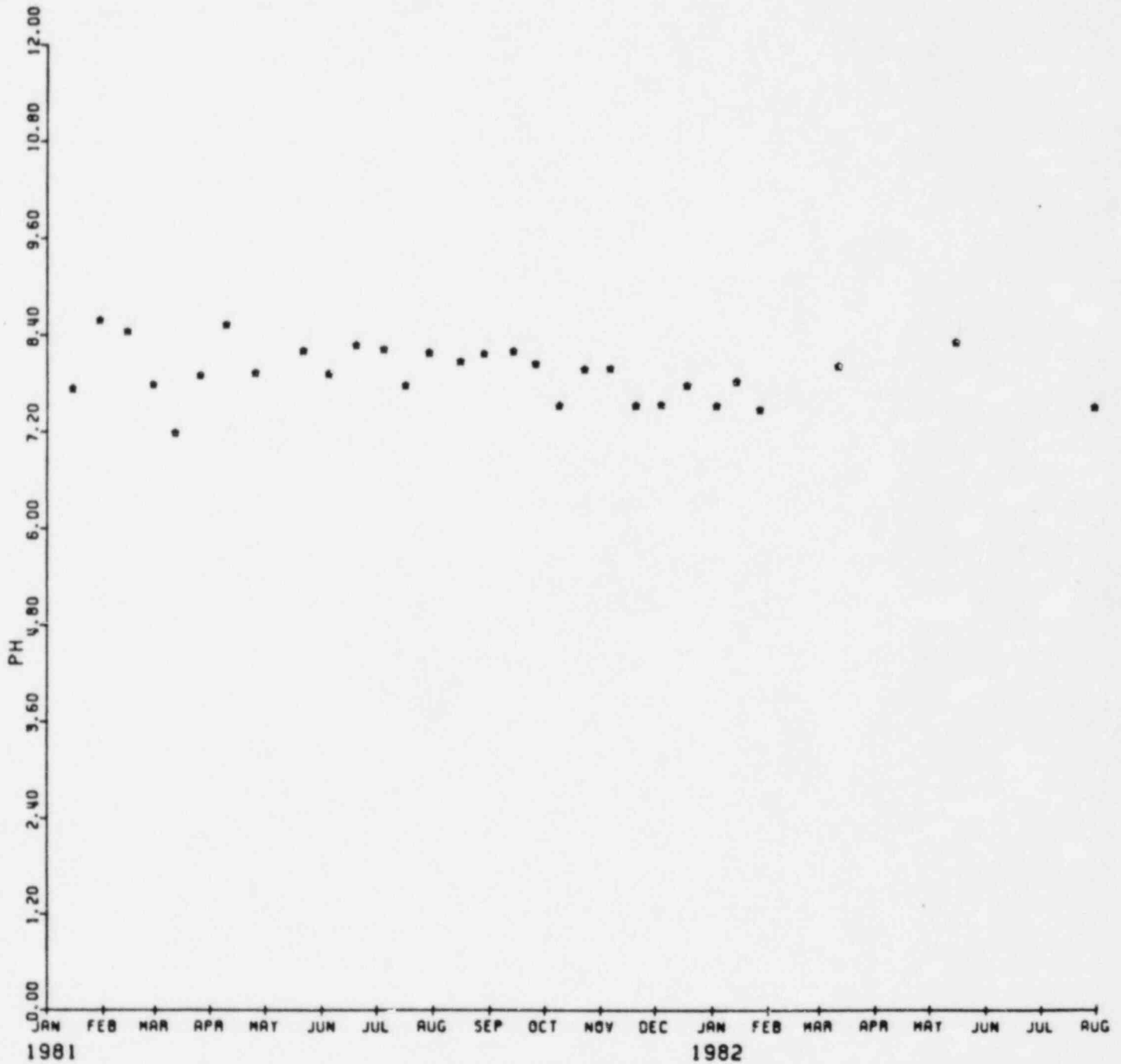


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 00 10 (212)

PH VS TIME
1981-1982

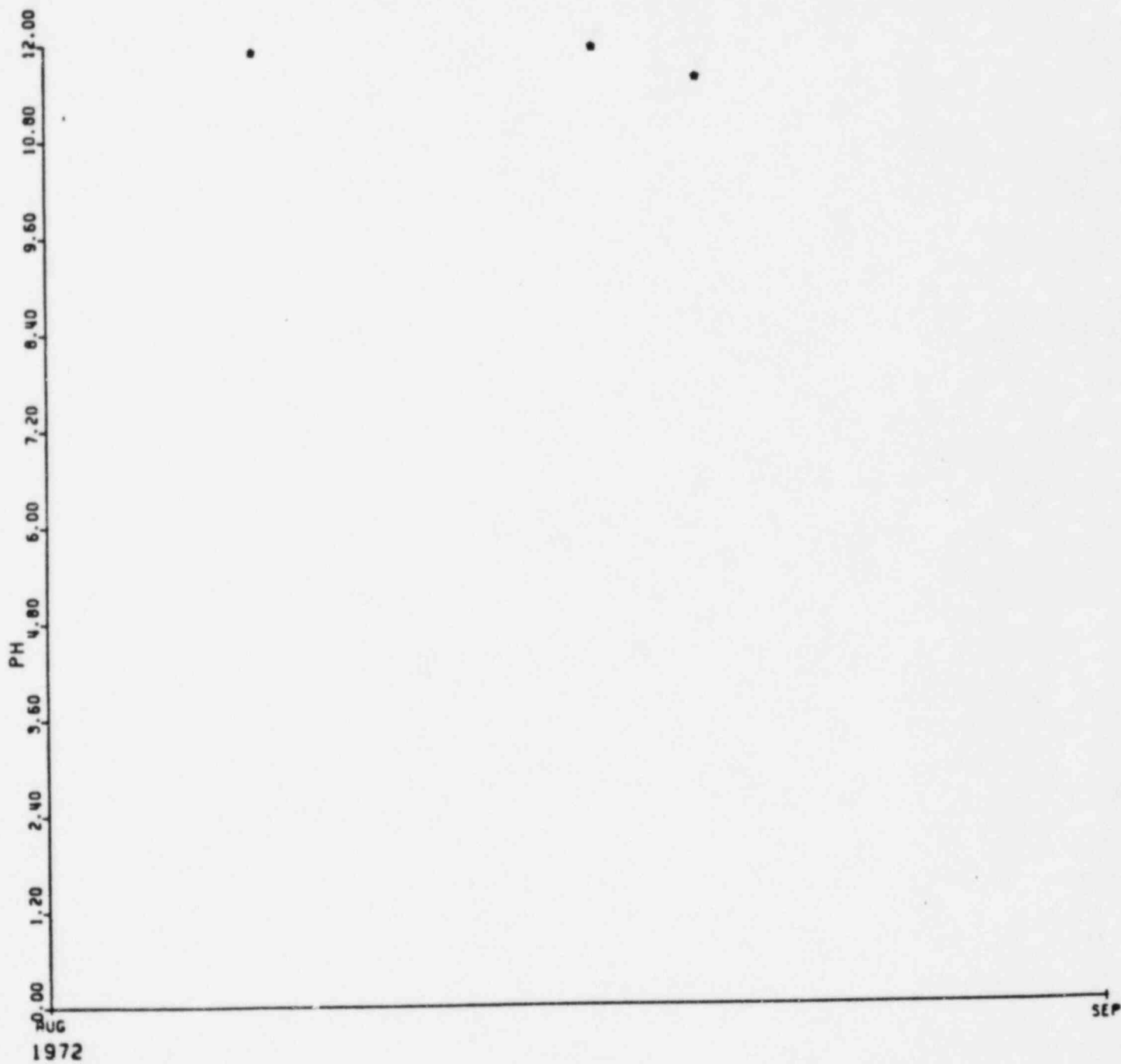


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 0011 (213)

PH VS TIME
1971-1972

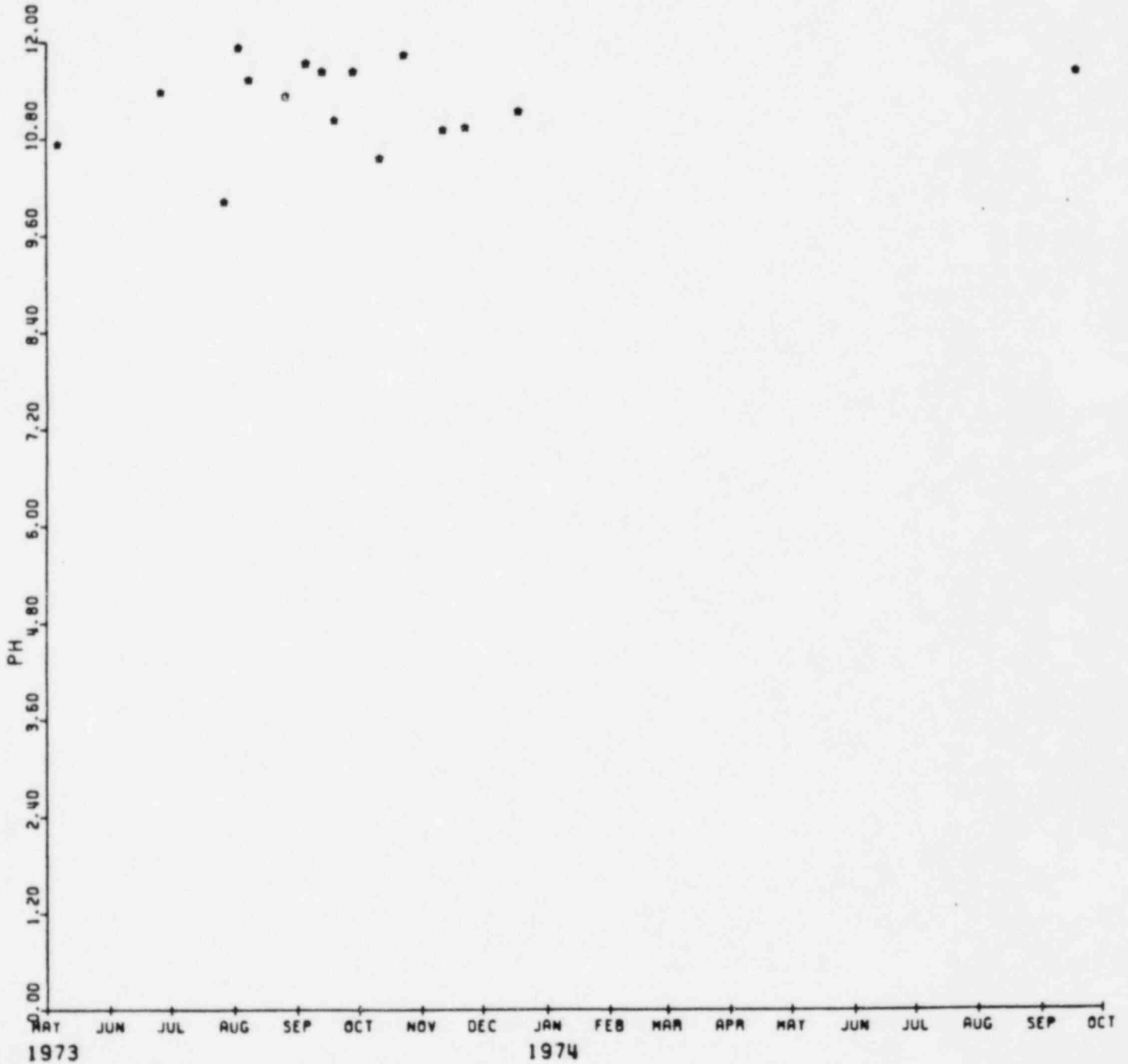


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 0011 (213)

PH VS TIME
1973-1974

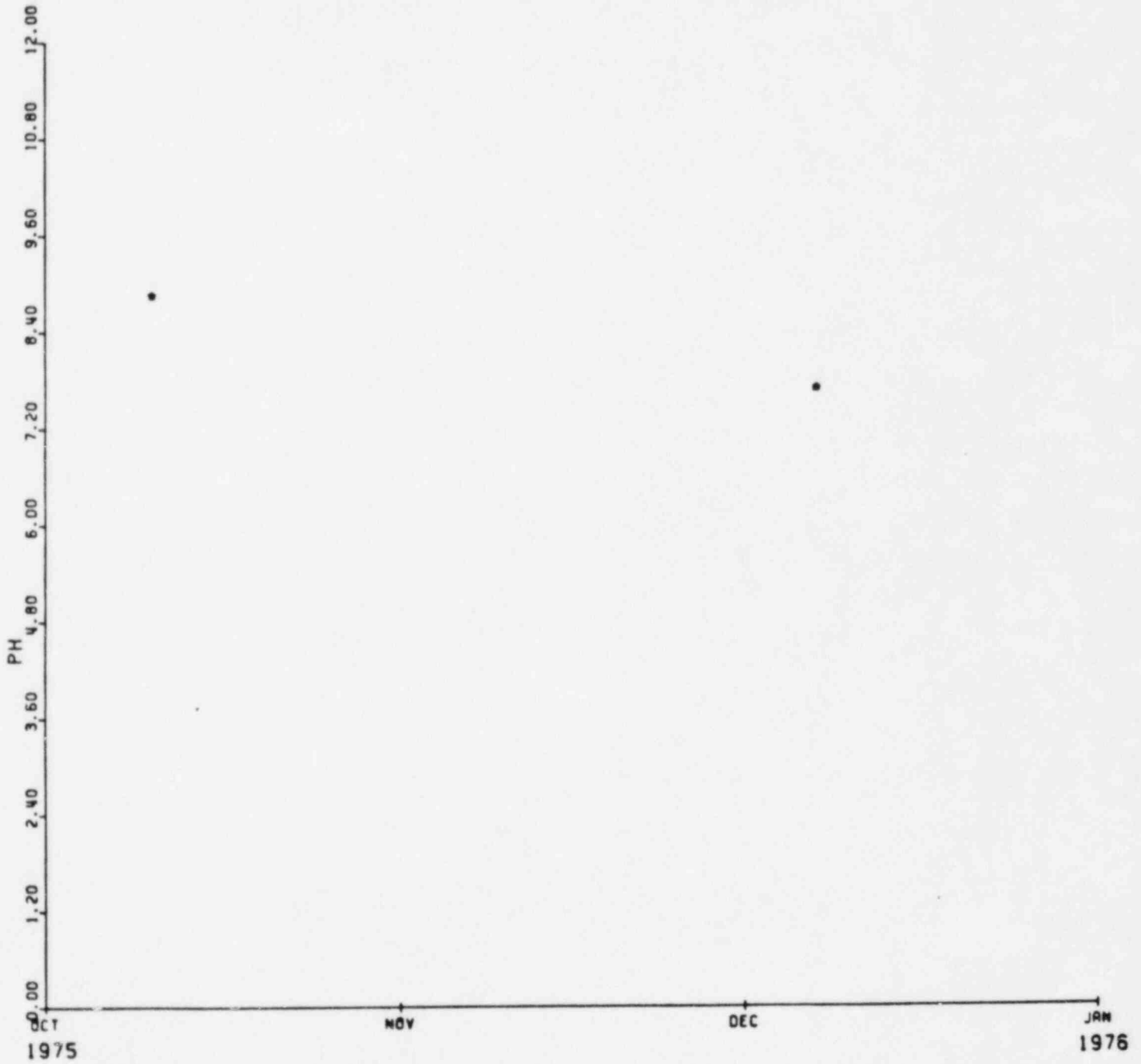


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 0011 (213)

PH VS TIME
1975-1976

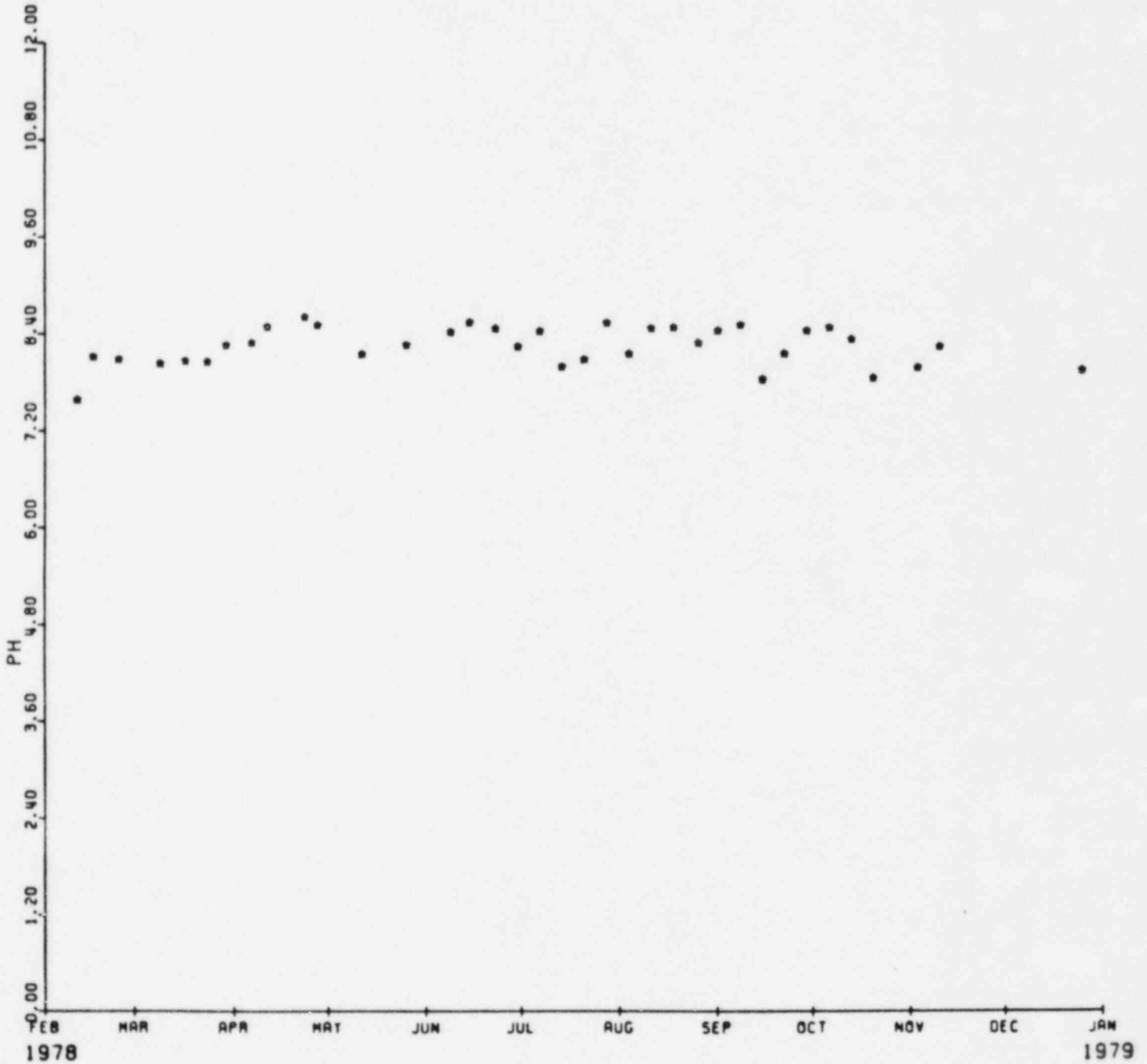


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 0011 (213)

PH VS TIME
1977-1978

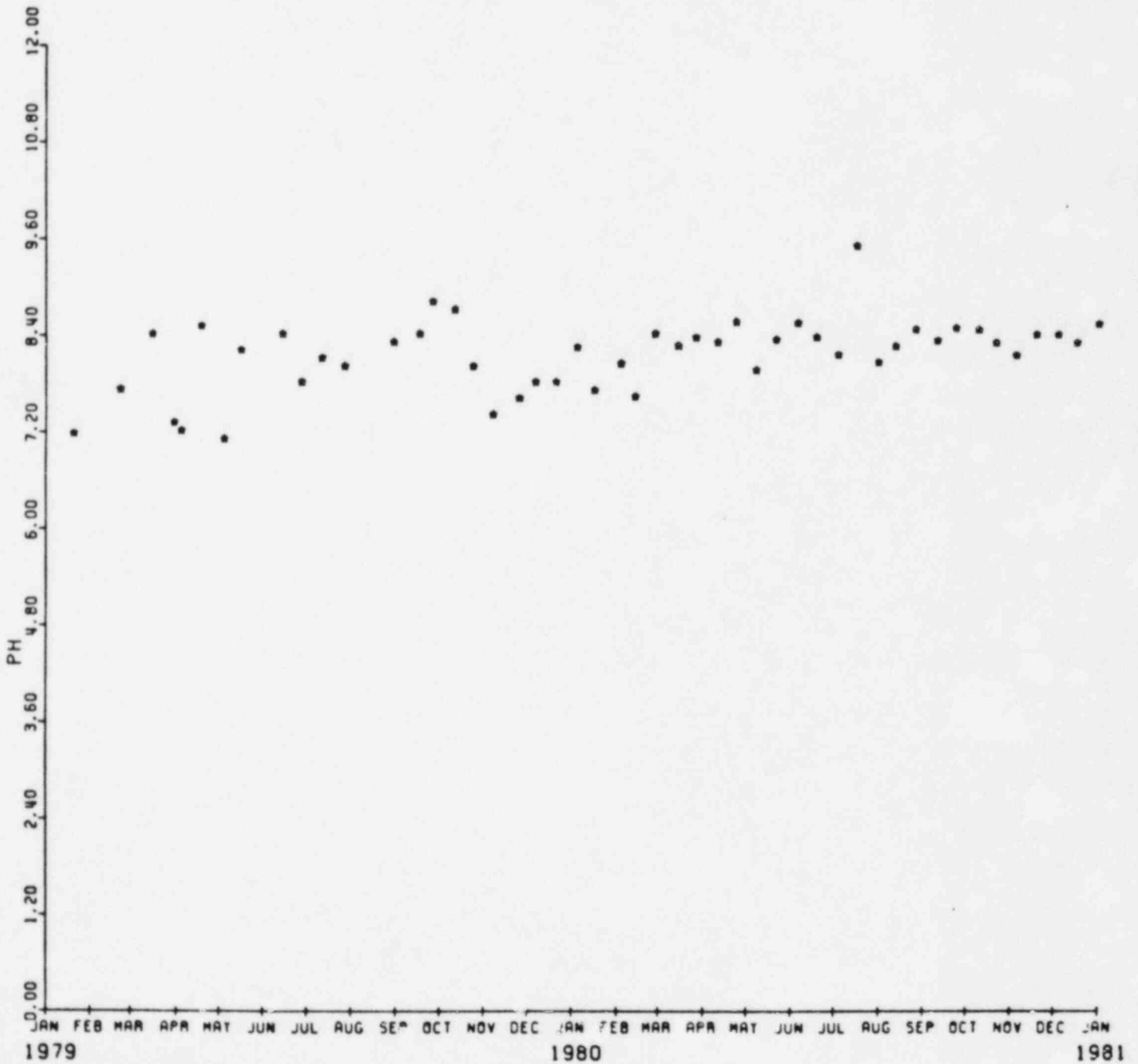


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 0011 (213)

PH VS TIME
1979-1980



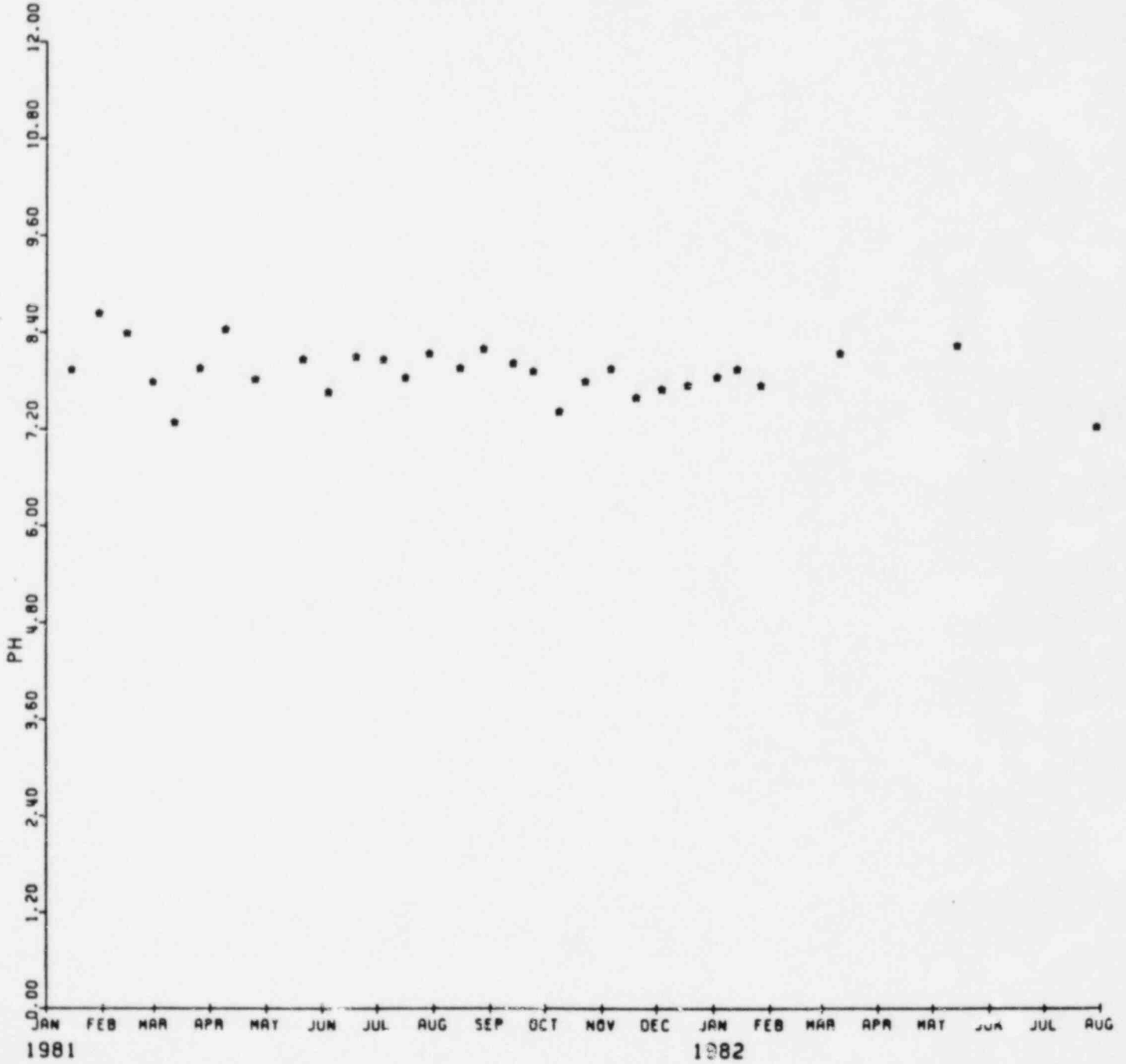
EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 0011 (213)

PH VS TIME

1981-1982



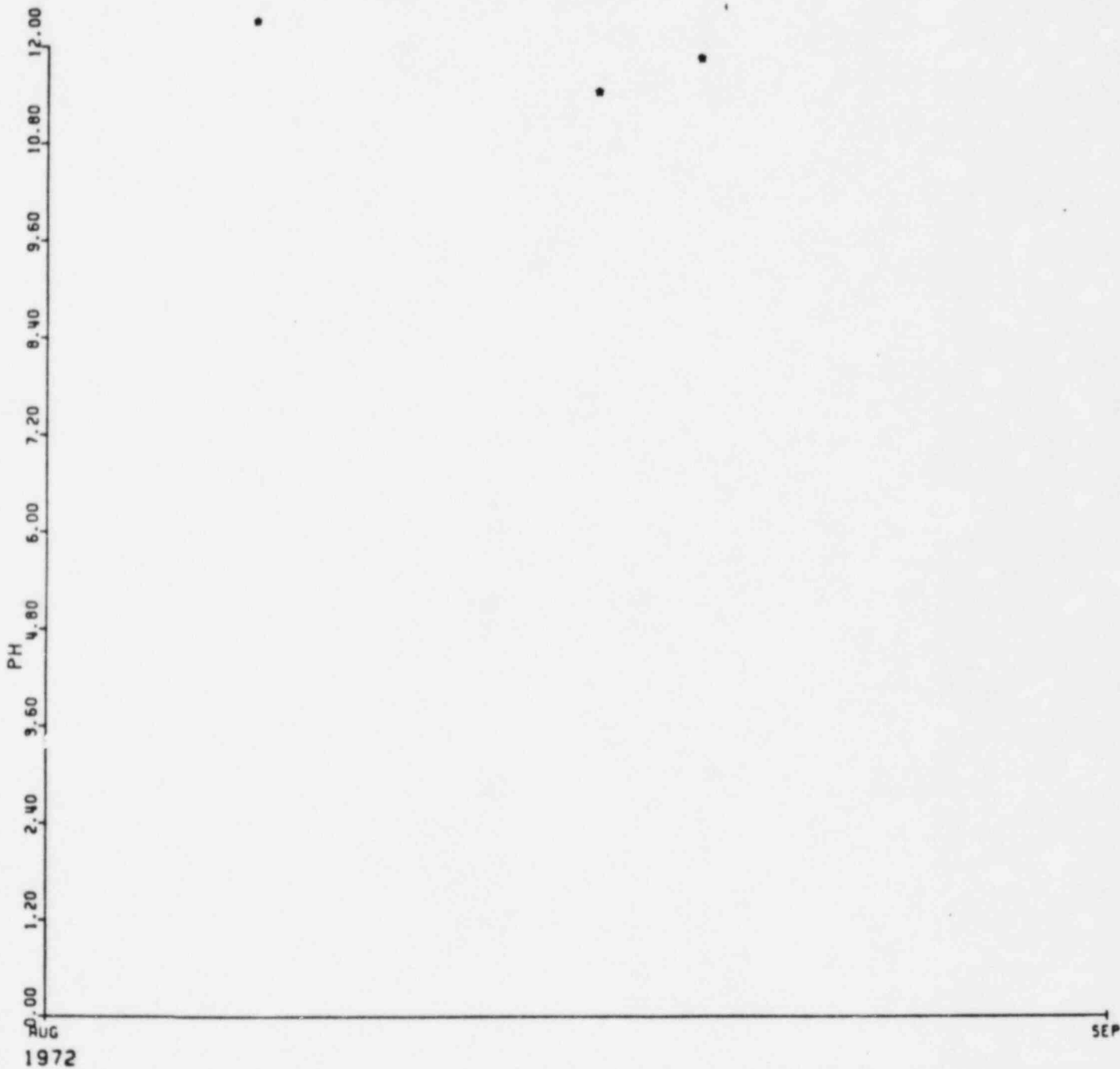
EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 0012 (214)

PH VS TIME

1973-1974 1971-1972



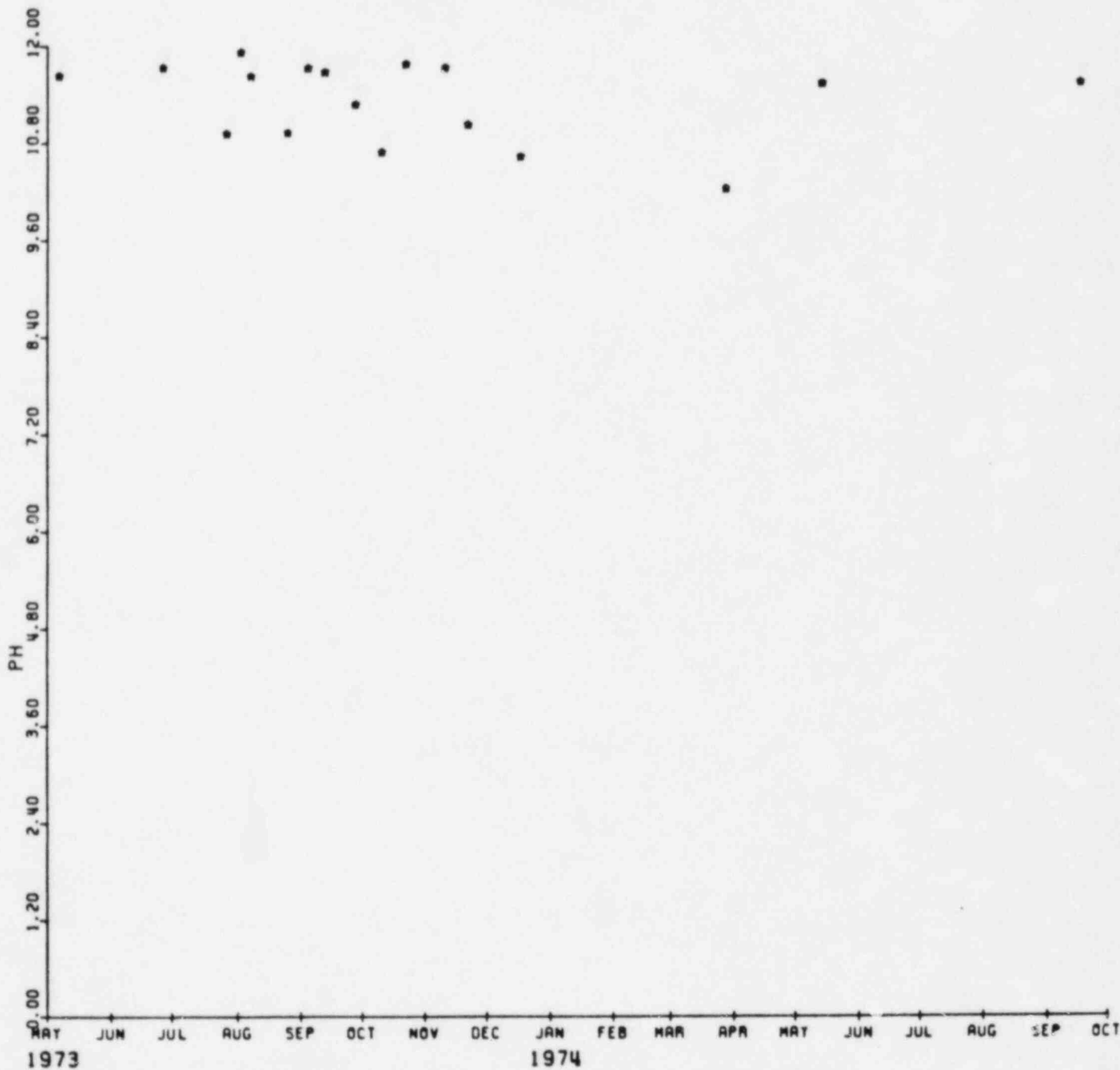
EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 0012 (214)

PH VS TIME

1973-1974

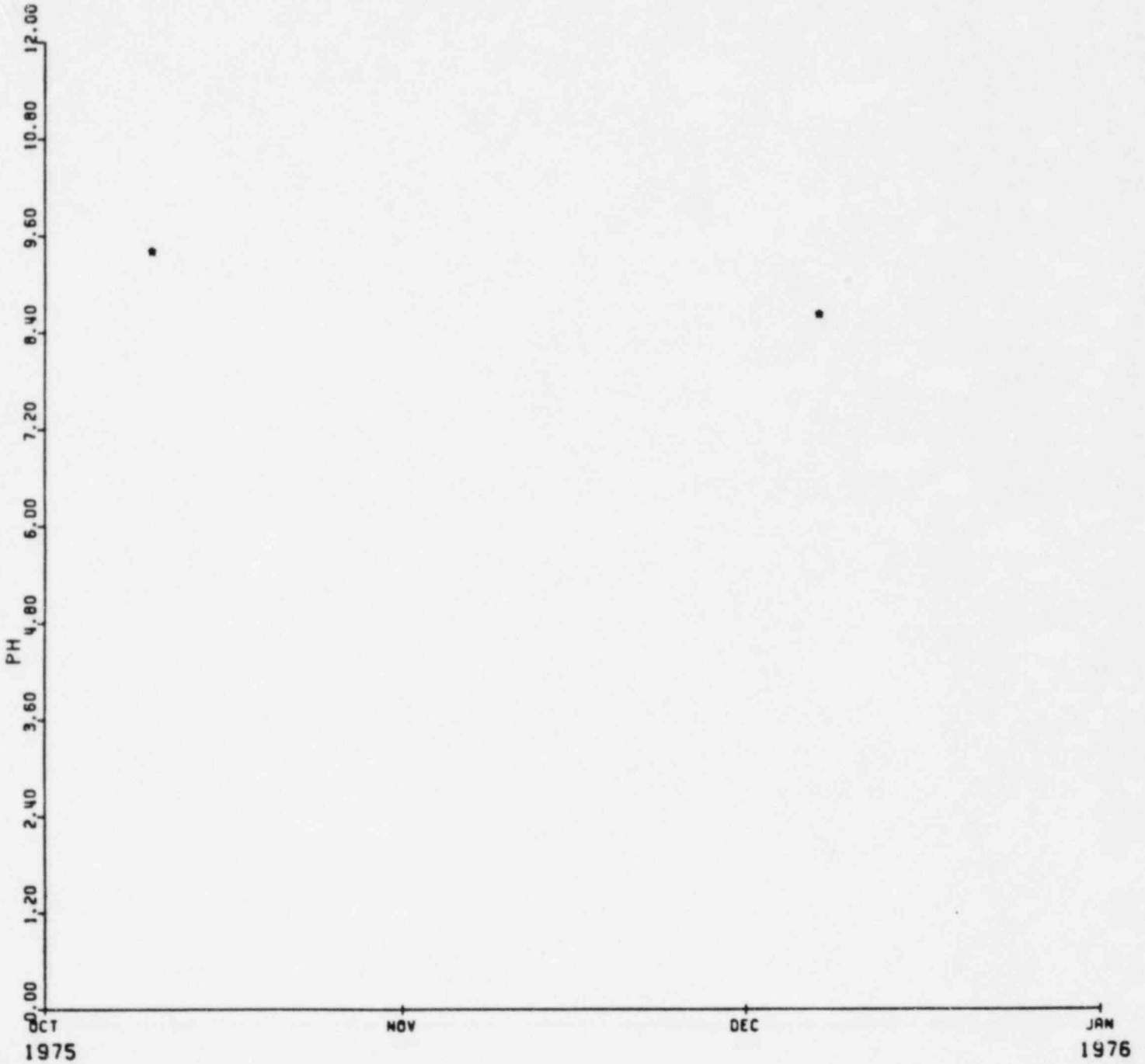


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 0012 (214)

PH VS TIME
1975-1976

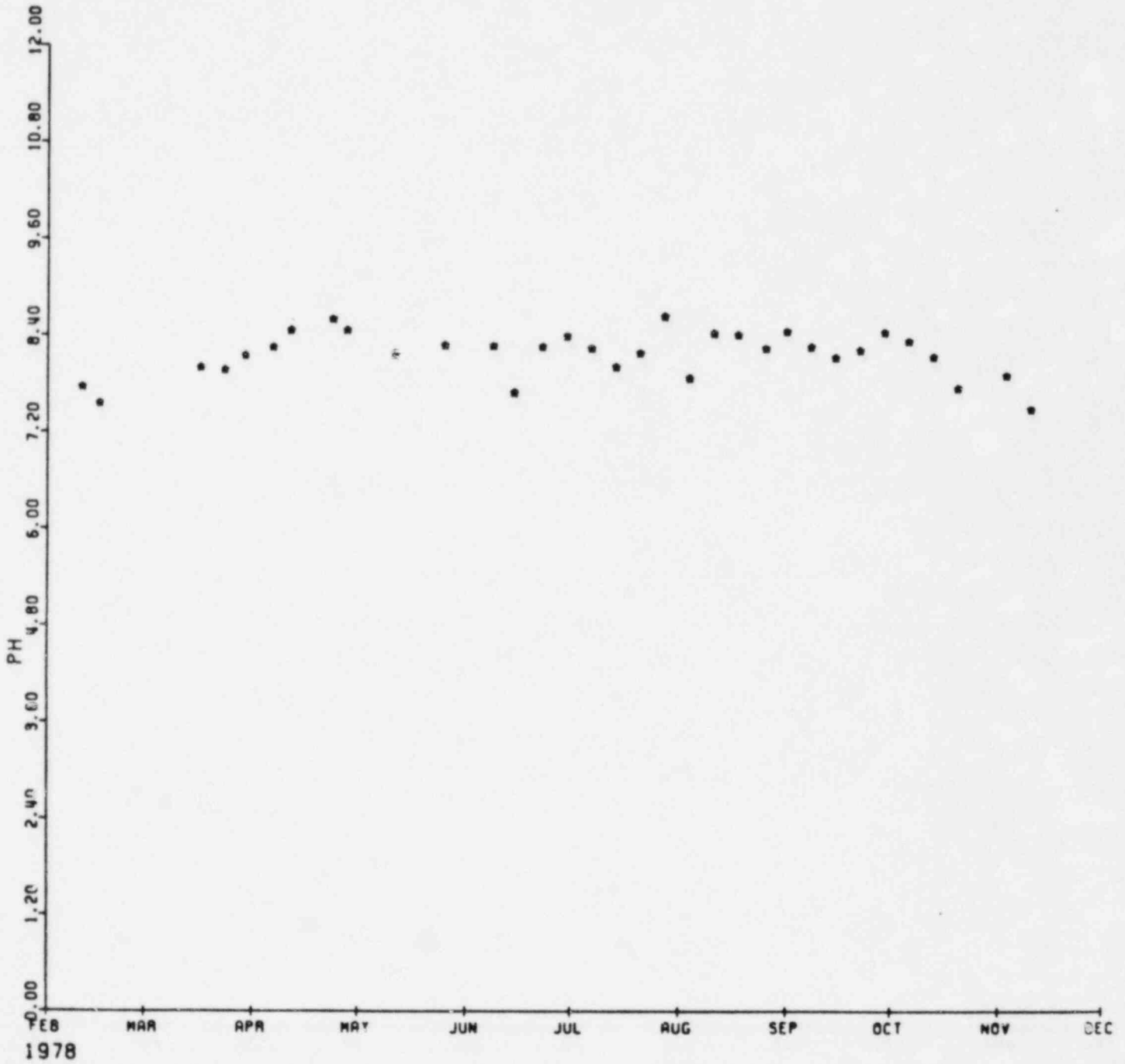


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 0012 (214)

PH VS TIME
1977-1978

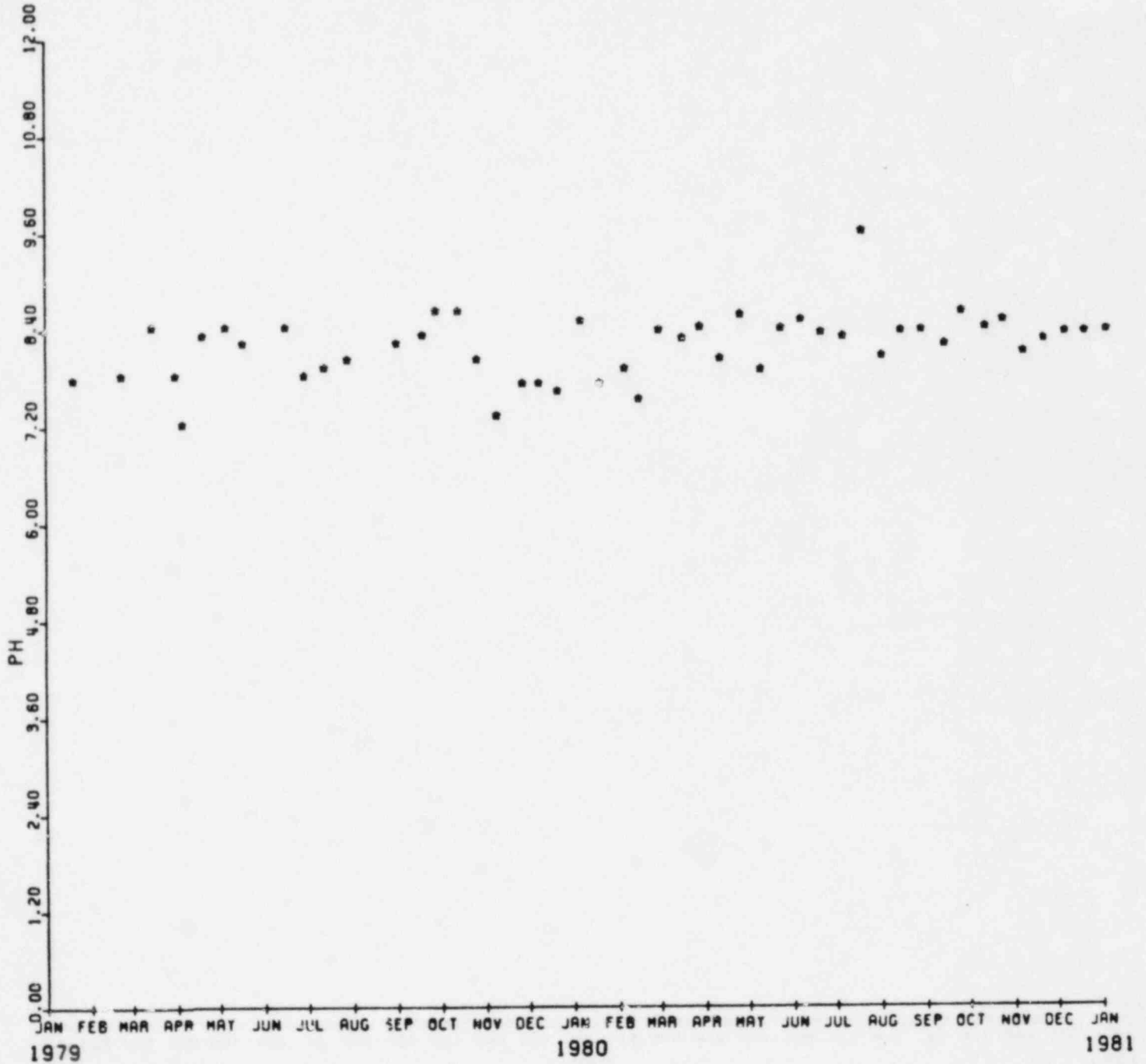


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 0012 (214)

PH VS TIME
1979-1980

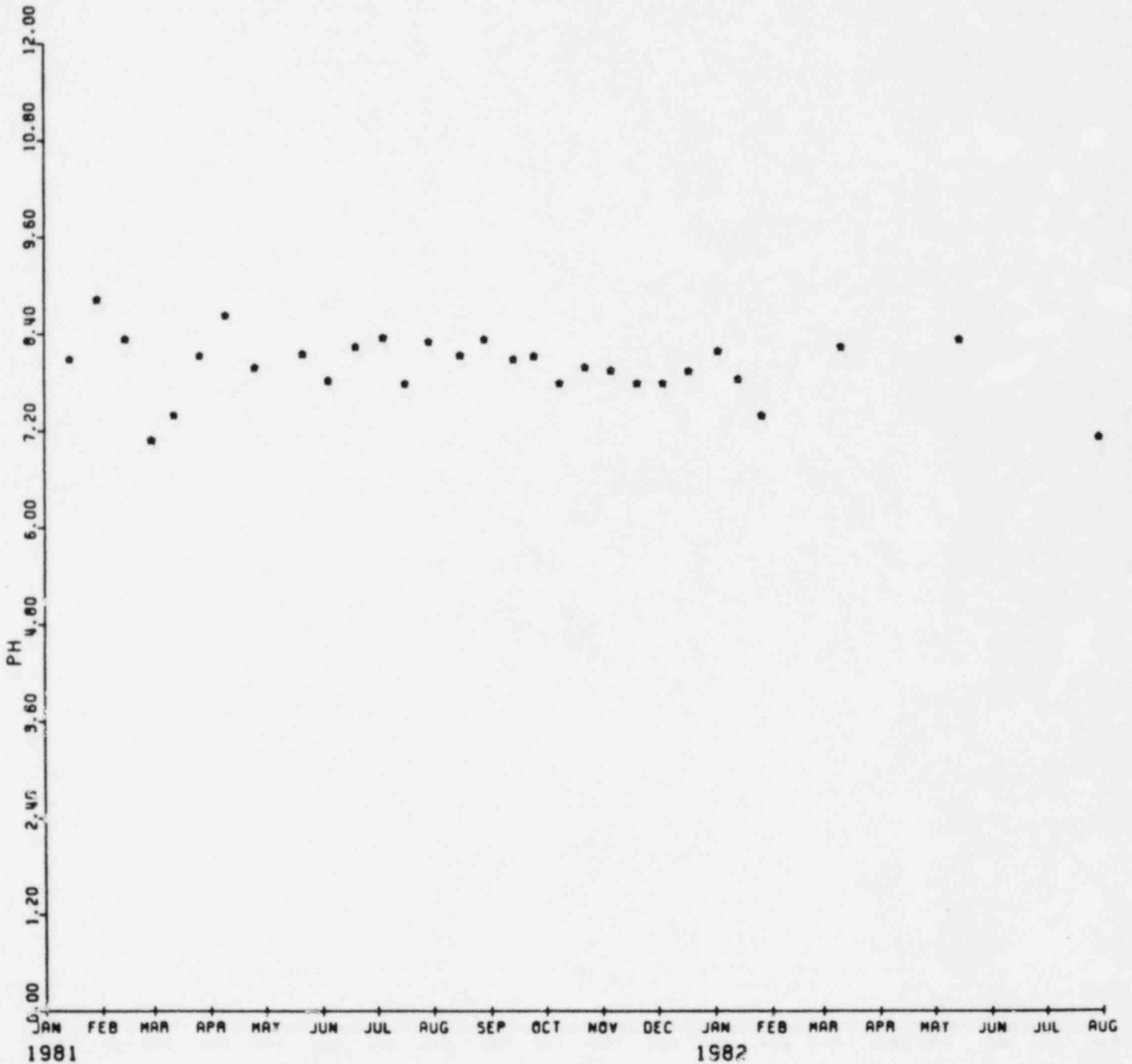


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE 0012 (214)

PH VS TIME
1981-1982

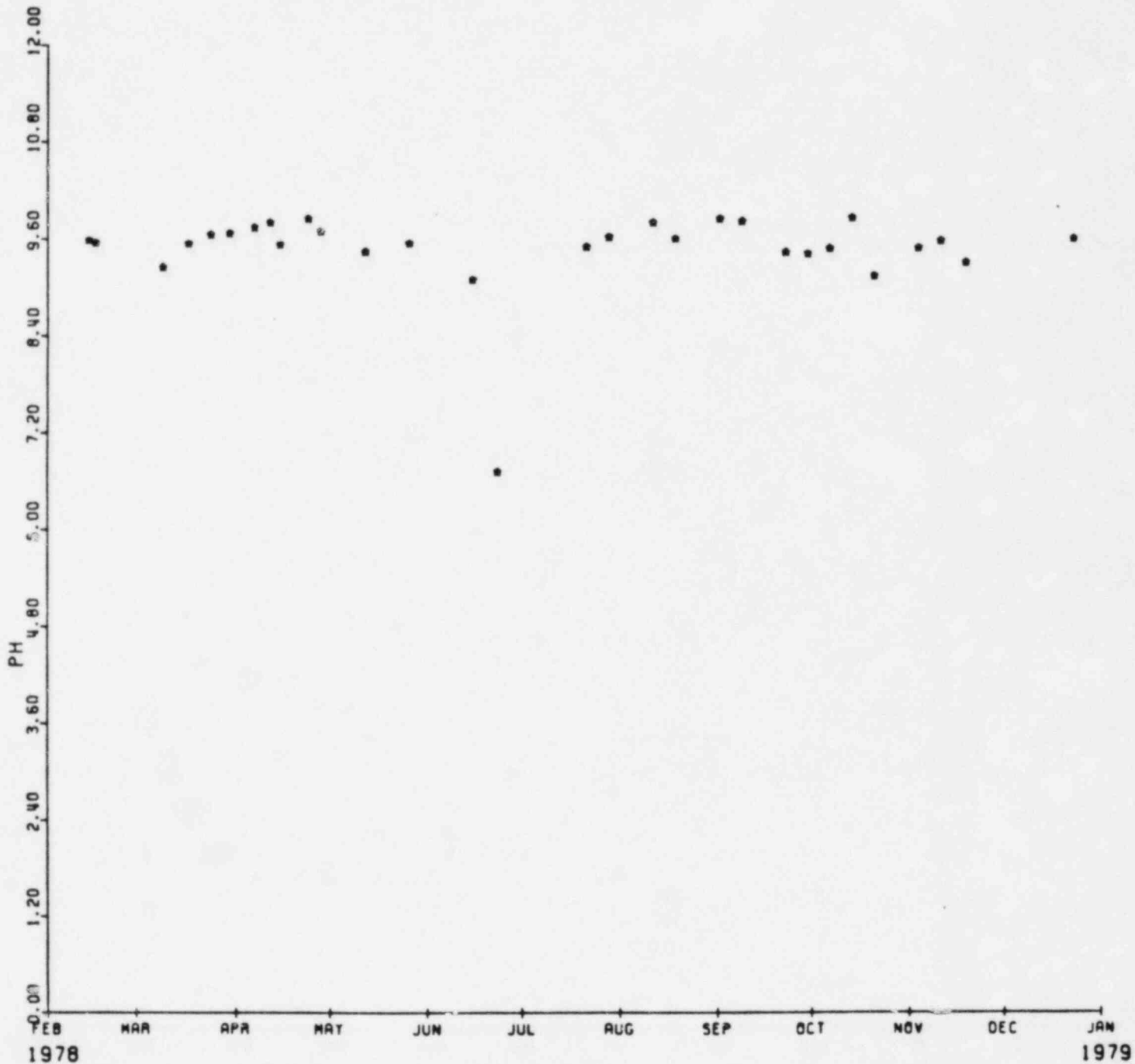


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP13 (207)

PH VS TIME
1977-1978

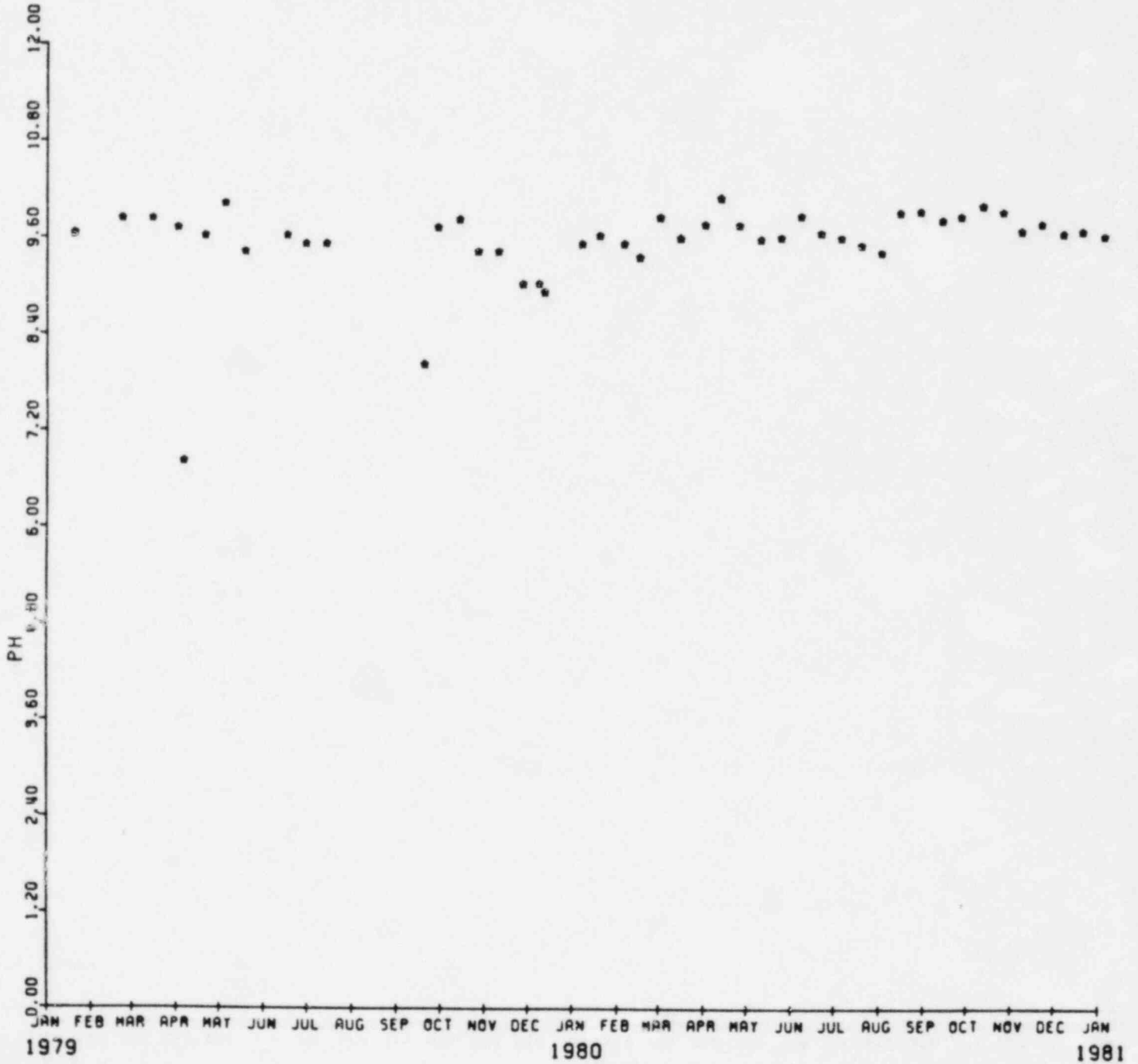


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP13 (207)

PH VS TIME
1979-1980

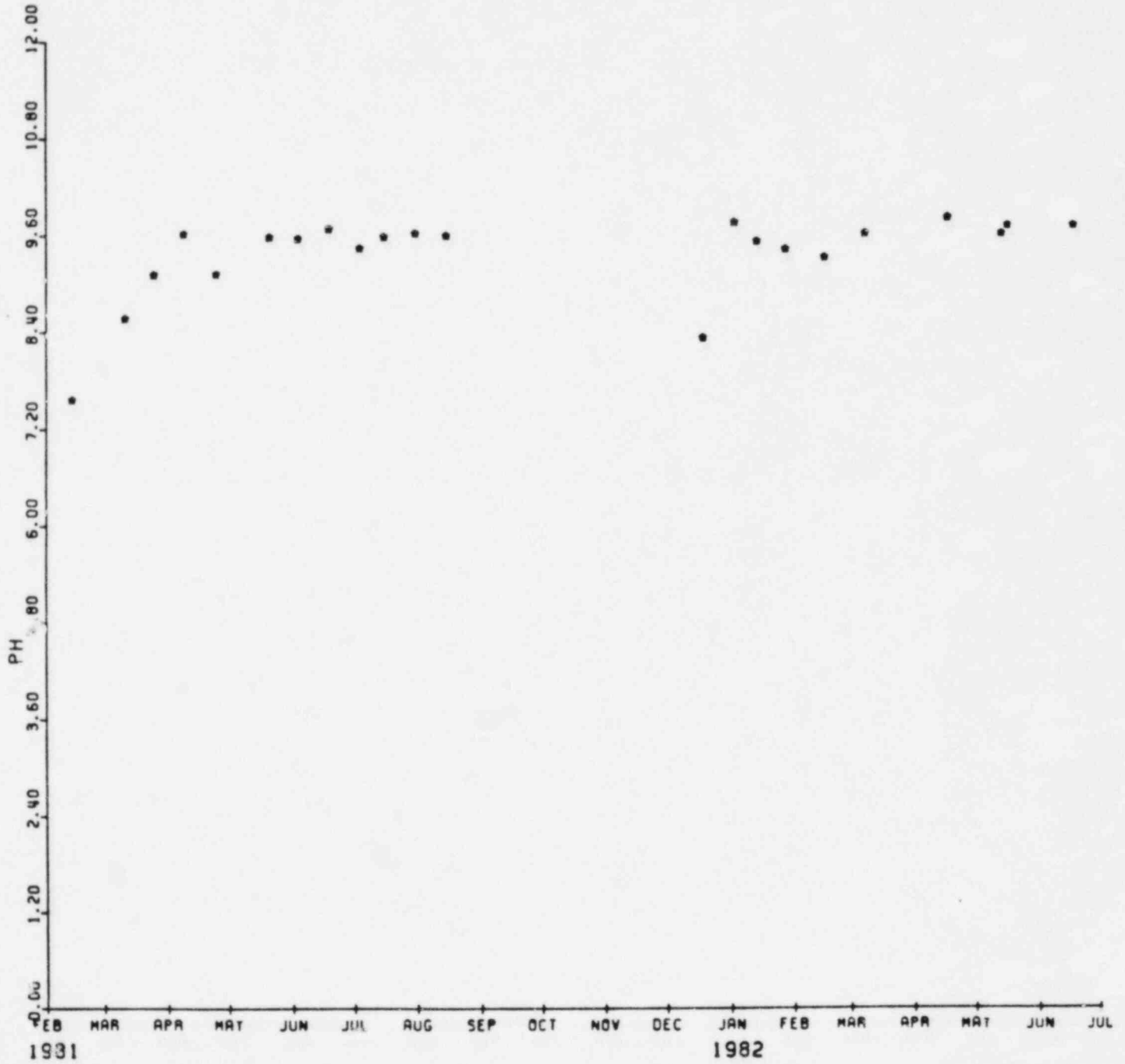


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION MINE OP13 (207)

PH VS TIME
1981-1982

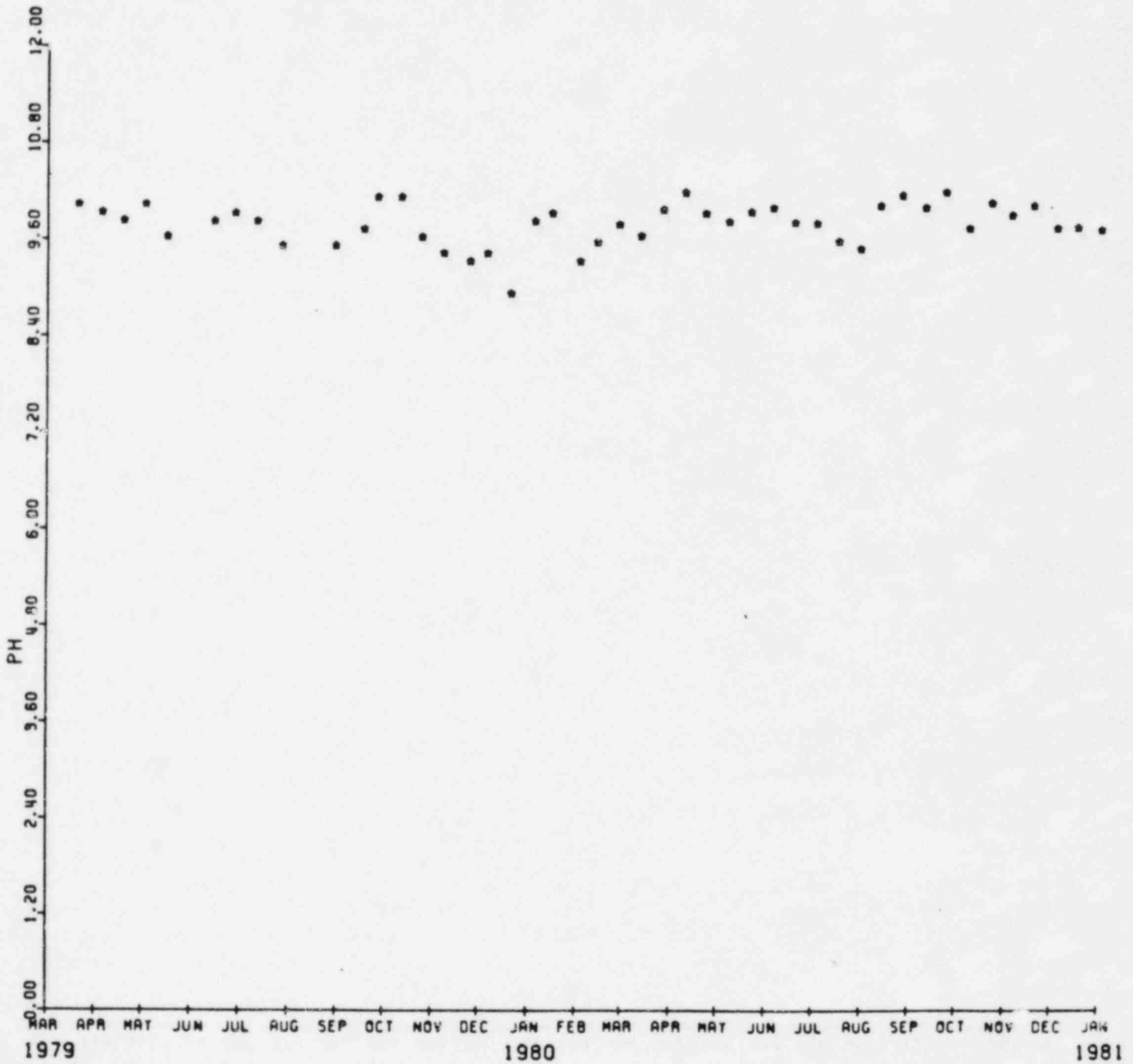


EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL OP14 (208)

PH VS TIME
1979-1980



EXXON MINERALS COMPANY

HIGHLAND URANIUM OPERATIONS

SOLUTION WELL OP14 (208)

PH VS TIME
1981-1982

