UNC TETON EXPLORATION DRILLING, INC.

Subsidiary of United Nuclear Corporation
A UNC RESOURCES Company

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Casper, Wyoming 82602

Telephone 307/265-4102

RE: Research and Development License - 2RD
Source Material License No. SUA - 1373
Docket No. 40 - 8693

1. Operational Summary

1.1 Mining

On January 22, 1980, Teton-Nedco began circulating water from the wellfield through the processing plant and back to the wellfield. This allowed for the filling of the proper process tanks, calibration of meters, detection of leaks, and proper directional flow of the wellfields. Both recovery pumps were adjusted to 40 gpm with flows to injection wells equally split.

On January 31, CO_2 injection began in each wellfield to lower the pH of the aquifer in each wellfield.

Injection of H_2O_2 was initiated February 19, at a target concentration of 0.5 g/l. U_3O_8 grade response was noted a few days later. H_2O_2 is our primary oxidant.

Sodium carbonate - bicarbonate injection was initiated on March 13, at a target concentration of 1.0 g/l. U_3O_8 grade response was noted shortly afterwards.

1.2 Processing

During the month of January, the process area was still under construction, with plumbing and wiring being installed. At this time, the support facilities were also under construction.

Chloride control operations were begun on February 8 to prepare the Ion Exchange units for introduction of feed solution. Feed solution was introduced to Ion exchange column "A" on February 22.

Ion exchange column "A" was taken off line on March 17 for elution with the extraction flow diverted to Ion exchange column "B." "B" column was taken off line on March 26 for elution.

The elution sequence time was greater than anticipated but the strip efficiency needs improvement.

The first batch was precipitated on March 18, by adding hydrochloric acid and hydrogen peroxide and allowing time for settling. Approximately 170 pounds of U_3O_8 was precipitated and put into drums. The low-pregnant solution was transferred to the precipitate tank on March 20 and another two drums of product were filled.

At this time, the processing circuit is being evaluated and improvements are being considered.

1.3 Well Fields

Flow balance within the N and M Well Fields are listed on the following pages. Figure 1 shows the location of all wells within the R & D License Area. The total volume of fluid injected for M well field area as of the end of March is 3.33 x 10^6 gals. and the total volume recovered is 3.39 x 10^6 gals. showing a 2% overrecovery. The total volume of fluid injected into the N well field area for the same time period is 3.49 x 10^6 gals., and the total volume recovery is 3.56 x 10^6 gals. representing a 2% overrecovery.

1.3 DAILY WELL FIELD FLOW

DATE	GALLONS PER DAY					
January	M injection	M recovery	M-BLEED	N injection	N recovery	N-BLEED
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23	51701	52993	1292	55920	57801	1881
24	48551	50531	1980	55438	56527	1089
25	49724	51827	2103	55806	56779	973
26	54306	55750	1444	60281	62226	1945
27	50715	51604	899	55715	57749	2034
28	50670	52081	1411	55545	57030	1485
29	51373	52337	964	56414	58524	2110
30	50657	52111	1454	56013	58474	2461
31	50657	50177	1990	54862	56767	1905
Total	455984	467411	13527	505994	521877	15883

1.3 DAILY WELL FIELD FLOW

DATE	GALLONS PER DAY					
Febuary	M injection	M recovery	M bleed	N injection	N recovery	N bleed
1	49550	50980	1430	55060	56870	1810
2	51450	52700	1250	55930	57490	1560
3	51030	52770	1740	54240	56230	1990
4	52580	53780	1200	52830	53310	480
5	53050	53090	40	55220	57170	1950
6	50950	51960	1010	53950	56020	2040
7						
8	50100	51450	1350	55900	57910	2010
9	49830	51430	1600	55260	57700	2440
10	49810	51730	1920	56200	57840	1640
11	50010	51500	1490	55480	57450	1770
12	50920	51630	710	55510	59020	2510
13	52970	54460	1490	55030	57930	1900
14						
15						
16						
17						
18	54230	55260	1030	56240	57490	1250
19	53740	55080	1340	56020	57560	1540
20						
21						
22						
23						
24						
25	54820	55540	720	55560	56490	930
26						
27						
28						
29						
30						
31						
Total	1,527,520	1,560,551	33030	1,610,420	1,653,780	43360

1.3 Daily Well Field Flow

Date	Gallons Per Day					
March	M injection	M recovery	M bleed	N injection	N recovery	N bleed
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24	54285			34		
25						
26						
27						
28						
29						
30						
31	52329	53500	1101	51733	59560	1767
Total			9550			16690

1.4 Waste Generation Volumes

The total volume of liquid waste effluent discharged to the evaporation ponds during the reporting period is tabulated below:

Date	Volume (gallons)
1-22 thru 1-31-80	26072
2-1 thru 2-29-80	80950
3-1 thru 3-25-80	136174

1.5 Solar Evaporation Pond Leak Detection System

As required by the referenced licenses, the standpipes of the pond detection system are being monitored for fluid every two weeks. Fluid was detected in the standpipe for the south pond as early as November 20, 1979 which was prior to any waste effluent discharge to the ponds. Fluid was detected in the standpipe for the south pond on March 6, and a sample was collected. In the event of pond leakage the standpipe for the leak detection systems should contain water in excess of 2 feet above the bottom of the standpipe. However, if the water level in the standpipe is above 0.5 feet, sufficient water is available to collect a sample. As such a sample was collected from the south pond leak detection standpipe on 6 March, 1980. The analytical results for this sample are included in Section 1.5.3. By comparing the water quality results from samples collected from water within the ponds (Section 1.5.2.) with the 6 March analyses from the south pond leak detection standpipe (Section 1.5.3.) it appears that the small quantity of water within the standpipe is derived from rain water infiltration due to repeated freezing and thawing of the ground surface. Water sampled from the south pond leak detection system does not exceed drinking water standards.

1.5.1 Standpipe Fluid Levels

Standpipe Fluid Levels (in feet)

Date	South Pond	North Pond
11-20-79	0.18	0
12-04-79	0.34	0
1-30-80	0.25	0
2-21-80	0.08	0
3-06-80	0.55	0.12
3-14-80	0.30	0.20
4- 3-80	0.40	0.20

1.5.2 SOLUTIONS CONTAINED IN SOLAR EVAPORATION PONDS

	SOUTH POND			NORTH POND			
Date	3/7/80	3/21/80	4/3/80	4/3/80			
Calcium (ppm)	69	2	7	38			
Chloride (ppm)	30	196	344	236			
Alkalinity (as ppm $CaCO_3$)	150	1573	1456	114			
Sodium (ppm)	70	920	104	176			
Sulfate (ppm)	260	155	150	85			
Selenium (ppm)	.044	<.005	.009	.006			
Arsenic (ppm)	.009	<.005	.007	.007			
Total Dissolved Solids (ppm)	184	1344	2410	610			
Radium (ppm)							
Gross Alpha							
Gross Beta							

Radium-226, gross Alpha and gross Beta are being analyzed by an independent chemistry laboratory and as of April 9, the results are not available.

1.5.3 SOUTH POND LEAK DETECTION SYSTEM

Date	3/7/80						
Calcium (ppm)	36						
Chloride (ppm)	36						
Alkalinity (as ppm $CaCO_3$)	243						
Sodium (ppm)	82						
Sulfate (ppm)	100						
Selenium (ppm)	<.005						
Arsenic (ppm)	<.005						
Total Dissolved Solids (ppm)	380						
Radium (ppm)							
Gross Alpha							
Gross Beta							

Radium-226, gross Alpha and gross Beta are being analyzed by an independent chemistry laboratory and as of April 9, the results are not available.

2. Lixiviant Migration Control

Lixiviant migration is mainly controlled by the use of a pressure gradient causing the lixiviant to flow from an area of high pressure at the injection wells to an area of low pressure at the recovery wells. By referring to 1.3 Daily Wellfield Flow, it is evident that the flow out of the recovery wells is greater than the flow into the injection wells. This is called overrecovery. Teton-Nedco is overrecovering by approximately 2%. This is enough to develop a cone of depression and cause a flow from outside the monitor well rings into the well field areas.

3. Private, Domestic Water Wells

All the private wells within 0.5 miles of the Teton-Nedco property were sampled and analyzed for all parameters listed in Table II, 6.05 of the Environmental Report and Research and Development Application, on November 7, 1979. The results are listed in Appendix A. Radium-226 is being analyzed by an independent chemistry laboratory and as of April 1, the results are not available.

4. Preoperational Monitor Well Water Analysis

As required by stipulation 15 of the NRC license, at least 15 wells in the locations shown in Figure III. 5.1.01 of the environmental report have been sampled for all the parameters listed in Table II.6.05 of the environmental report. These wells were sampled between January 10 and 17 of 1980 which was prior to the injection of leach solution. The results are listed in Appendix B.

5. Monitor Well Water Analysis

As required by the referenced license, the monitor wells are sampled every two weeks and analyzed for specific conductance, chloride, alkalinity, sodium, sulfate, and uranium. The results for these wells during the reporting period are listed in Appendix C.

5.1 Excursions

During the reporting period, only one monitor well exceeded its upper control limits on more than one parameter. During the week of February 4, PN5-L-309 exceeded its upper control limits on specific conductivity, sulfate, and alkalinity. However, on

s sequent sampling dates the water quality parameters in question declined below their upper control limits and have remained there. All other monitor wells have shown acceptable water analysis results. No excursions have been detected during the reporting period.

6. Hydrological Monitoring of Monitor Wells

The potentiometric levels of all monitor wells within the well ring have been monitored as required by the referenced licenses. The results of this monitoring during the reporting period are listed in Appendix D.

6.1 Confinement of Aquifers

Static water levels listed in Appendix D suggest that the aquifers exhibit a high degree of confinement.

By observing overall aquifer trends, it is evident that activities that influence water levels in one aquifer have very little, if any, influence in adjacent aquifers. If an injection well increases in wellhead pressure and restricts injection flow, then it is taken off line and redeveloped. N-I-4 was redeveloped on February 5 and caused a decrease in water levels in all "N" aquifer monitor wells on February 5 or 6. However, on these dates "M" aquifer wells exhibited no decrease in water levels. The wells in the Idaho aquifer showed no discernable change. When M-I-4 was redeveloped by pumping on February 12, wells in the adjacent aquifers showed no response.

Fluctuations of water levels in the N and M aquifers are dependent upon small changes in injection and recovery rates within the respective aquifers and not upon the small permeabilities of the confining layers.

7. Radiation Safety

Preoperational radiation monitoring was made difficult by the late arrival of certain monitoring equipment from Eberline Instrument Corporation. Early operational data was compiled and used to substitute for or augment preoperational data. The radiological monitoring program is being performed as outlined in the Environmental Report and stipulation 30 of the

NRC License. Sampling points are those indicated in Figure III.2.1.01 of the Environmental Report and the Research and Development License application.

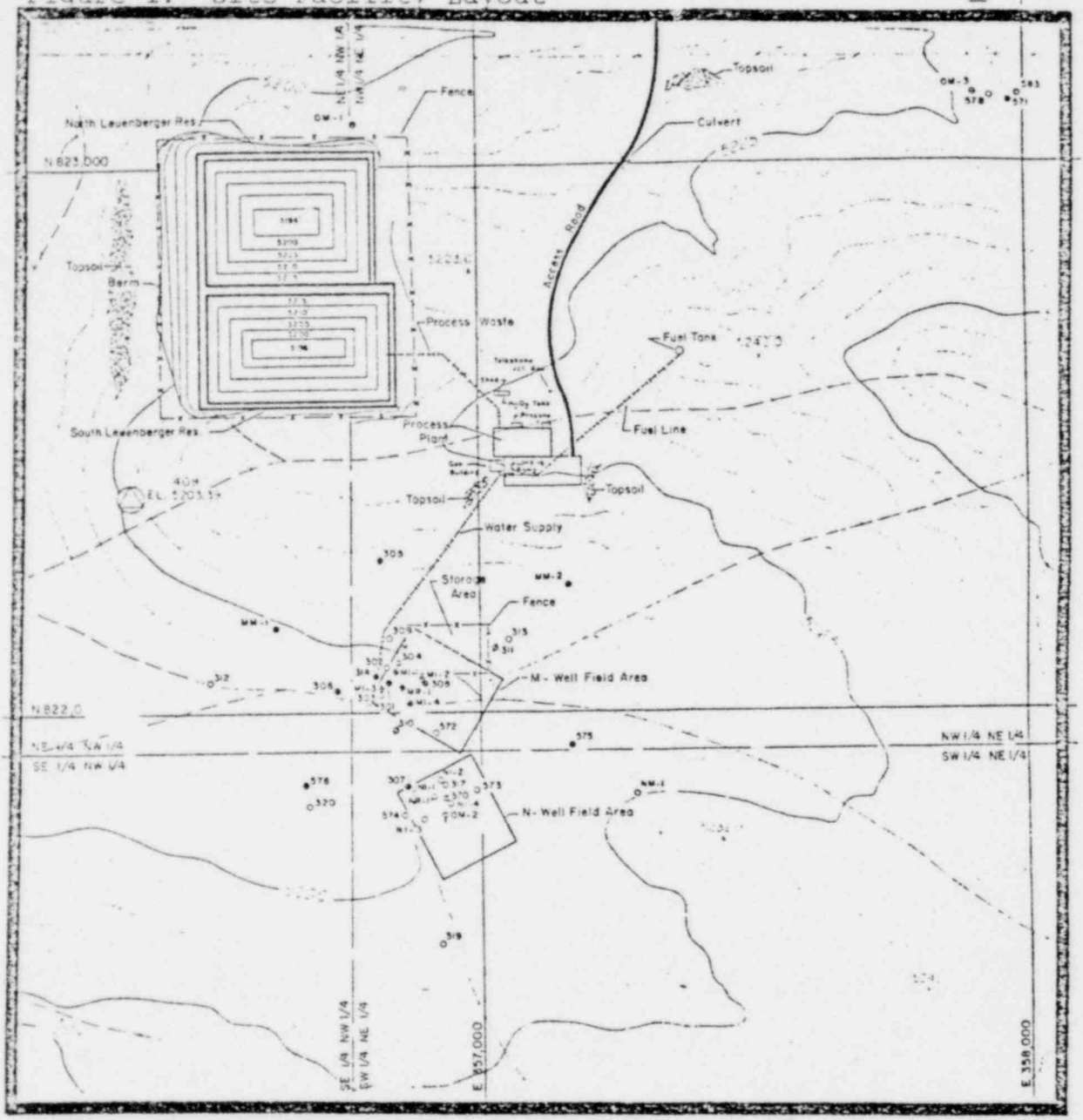
Radon-222 was sampled on February 22 with an average radiation level of 5.09 pCi/l. The base of the high pregnant and precipitation tank had the lowest level of 1.98 pCi/l, and the base of the Ion exchange column was the highest with 10.58 pCi/l. On March 31, Radon was aga[illegible]mpled with an average level of 11.81 pCi/l. The lowest level was the base of the recovery tank with 2.93 pCi/l, and the highest was in the sump with a radiation level of 41.01 pCi/l.

Alpha radiation was monitored on February 18 with an average of 0.02 working levels. The range of Alpha radiation was from 0.0034 to 0.04 working levels. No sample point in the non-processing area was higher than 0.0061 working levels. Alpha was again monitored on March 25, with an average of 0.07 working levels. The range was from 0.002 working levels at the sump grate to 0.33 working levels at the base of the Ion exchange columns.

Beta and Gamma radiation has been monitored several times from February 13 to March 31. Radiation levels have not exceeded 0.728 mrem/hour in the process area and 0.026 mrem/hour in the non-processing area for these two particles.

Airborne particulate sampling is in progress and the sample filters will be sent to an independent chemical analysis laboratory for analysis of natural uranium, Thorium-230 and Radium-226.

Figure 1. Site Facility Layout



T.34N., R.74W.
Within Section 14

Research & Development License Area Boundary

Contour Intervals = 5'

0 100 200 300 500 800 Feet

0 50 100 200 Meters

• THE COORDINATES USED ARE AFTER THE WYOMING STATE COORDINATE SYSTEM

•• ALL DRILL HOLE NUMBERS ARE PRECEDED BY A 'PNS-L' INDEX NUMBER

LEGEND

- Upper Idaho Aquifer Well
- Lower Idaho Aquifer Well
- Confining Layer Below Lower Idaho Aquifer Well
- N Aquifer Well
- M Aquifer Well
- Basal Aquifer Well
- Abandoned Well Sealed With Cement
- Pipe Line With Use Noted

APPENDIX A

PRIVATE WATER WELLS

PREMINING WATER ANALYSIS

WATER QUALITY DATA

(Chemical units in mg/l except as noted)

Well Number	Negley #1	Negley #2	Negley #3	Dever-aux	Highway Corner #1	Highway Corner #2	Pixler
Date Sampled	11/7/79	11/7/79	11/7/79	11/7/79	11/7/79	11/7/79	11/7/79
pH (Units)	7.80	7.52	7.40	7.48	7.41	7.34	7.36
Temperature (°C)							
Conductivity (umhos/cm)	1050	875	1125	900	890	870	1025
Ammonia (NH_3 as N)	.07	.05	.05	<.05	<.05	<.05	.13
Total NO_2/NO_3 (as N)	3.98	1.01	.39	.63	.45	.51	10.50
Bicarbonate (HCO_3)	346	262	262	254	233	256	244
Carbonate (CO_3)	0	0	0	0	0	0	0
Calcium (Ca)	164	129	125	136	140	135	154
Chloride (Cl)	7.1	7.1	7.1	3.5	3.5	3.5	7.1
Iron (B)	0	0	.22	0	.05	0	0
Fluoride (F)	.37	.82	.82	.87	.92	.92	.43
Magnesium (Mg)	15	18	21	15	15	17	3
Potassium (K)	10.5	9.2	10.6	9.1	9.1	10.4	19.2
Sodium (Na)	42.5	36	35	35	32	38	38
Sulfate (SO_4)	210	255	350	205	250	180	280
Aluminum (Al)	<1	<.1	.1	<.1	<.1	<.1	.1
Arsenic (As)	<.005	<.005	<.005	<.005	<005	<.005	<.005
Barium (Ba)	<.1	<.1	<.1	<.1	<.1	<.1	<.1
Cadmium (Cd)	<005	<.005	<005	.005	<.005	<.005	<.005
Chromium (Cr)	<.05	<.05	<.05	<.05	<.05	.06	<.05
Copper (Cu)	<.05	<.05	<.05	<.05	<.05	<.05	.08
Iron (Fe)	0	.95	.09	.06	.04	.21	.09
Lead (Pb)	<.05	<.05	<.05	<.05	<.05	<.05	<.05
Manganese (Mn)	.02	.03	.04	.08	.21	.19	.01
Mercury (Hg)	<.001	<.001	<.005	<.001	<.001	<.001	<001
Molybdenum (Mo)	<.1	<.1	<.1	<.1	<.1	<.1	<.1
ckel (Ni)	<.05	<.05	<.05	<.05	<.05	<.05	<.05
Radium 226 (Ra) pCi/l	3.20	.97	1.37	.92	.95	1.09	.78
Selenium (Se)	<.005	<.005	.005	<.005	<.005	<005	<.005
Thorium 230 (Th) pCi/l							
Uranium (U)	.16	0	.2	.04	.04	.06	.04
Vanadium (V)	<.5	<.5	<.5	<.5	<.5	<.5	<.5
Zinc (Zn)	.70	.36	.03	.01	.15	.58	.03
TDS	692	534	500	574	638	610	708

WATER QUALITY DATA

(Chemical units in mg/l except as noted)

Well Number	Lucky Five #1	Lucky Five #2	KT-1	Hicker-son				
Date Sampled	11/7/79	11/7/79	11/7/79	11/7/79				
pH (Units)	7.38	7.55	7.41	7.60				
Temperature (°C)								
Conductivity (umhos/cm)	875	875	860	850				
Ammonia (NH_3 as N)	.09	.10	.07	.12				
Total NO_2/NO_3 (as N)	.40	.34	.51	.67				
Bicarbonate (HCO_3)	276	250	244	251				
Carbonate (CO_3)	0	0	0	0				
Calcium (Ca)	144	141	138	126				
Chloride (Cl)	3.5	3.5	3.5	7.1				
Boron (B)	.20	.22	0	.10				
Fluoride (F)	.95	.93	.93	.94				
Magnesium (Mg)	12	10	12	8				
Potassium (K)	13.2	9.4	8.8	8.5				
Sodium (Na)	38	35	35	30				
Sulfate (SO_4)	240	230	235	210				
Aluminum (Al)	.1	<.1	<.1	<.1				
Arsenic (As)	<.005	<.005	<.005	<.005				
Barium (Ba)	<.1	<.1	<.1	<.1				
Cadmium (Cd)	<.005	<.005	<.005	<.005				
Chromium (Cr)	<.05	<.05	<.05	<.05				
Copper (Cu)	<.05	<.05	<.05	<.05				
Iron (Fe)	.08	.18	.34	.04				
Lead (Pb)	<.05	<.05	<.05	<.05				
Manganese (Mn)	.30	.20	.31	.22				
Mercury (Hg)	<.001	<.001	<.001	<.001				
Molybdenum (Mo)	<.1	<.1	<.1	<.1				
Nickel (Ni)	<.05	<.05	<.05	<.05				
Radium 226 (Ra) pCi/l	1.01	2.29	3.69	1.04				
Selenium (Se)	<.005	<.005	<.005	<.005				
Thorium 230 (Th) pCi/l								
Uranium (U)	0	.04	0	.02				
Vanadium (V)	<.5	<.5	<.5	<.5				
Zinc (Zn)	.01	.10	.10	.01				
TDS	670	580	564	602				

...DIX B

...MONITOR WELLS

...TER ANALYSIS

WATER QUALITY DATA

(Chemical units in mg/l except as noted)

Well Number	320	570	575	576	M-M-1	M-M-2	N-M-1
Date Sampled	1/10/80	1/17/80	1/17/80	1/15/80	1/11/80	1/17/80	1/12/80
pH (Units)	7.10	7.58	7.58	7.12	7.30	7.80	7.35
Temperature (°C)							
Conductivity (umhos/cm)	810	850	640	575	575	525	740
Ammonia (NH_3 as N)	<1	<1	<1	<1	<1	<1	<1
Total NO_2/NO_3 (as N)	1.5	1.6	1.4	1.62	1.3	1.5	1.4
Bicarbonate (HCO_3)	194	234	222	159	213	205	169
Carbonate (CO_3)	0	0	0	0	0	0	0
Calcium (Ca)	126	152	94	88.5	91	86	125
Chloride (Cl)	4.2	6.6	8.4	4.4	1.8	6.6	0.2
Boron (B)	<.05	<.05	<.05	<.05	<.05	<.05	<.05
Fluoride (F)	.3	.4	.3	.4	.5	.4	.4
Magnesium (Mg)	6.6	1.4	7.6	0	0	0	6.1
Potassium (K)	9	10	11	8.5	7	87	8.7
Sodium (Na)	34	25	23	30	25	23	35
Sulfate (SO_4)	205	270	80	65	100	50	210
Aluminum (Al)	<.1	<.1	<.1	.3	<.1	<.1	<.1
Arsenic (As)	.007	.007	.0145	.022	.034	.061	<.005
Barium (Ba)	<.05	<.05	<.05	<.05	<.05	<.05	<.05
Cadmium (Cd)	<.05	<.05	<.05	<.05	<.05	<.05	<.05
Chromium (Cr)	<.05	<.05	<.05	<.05	<.05	<.05	<.05
Copper (Cu)	<.05	<.05	<.05	<.05	<.05	<.05	<.05
Iron (Fe)	.66	.19	.13	.46	.10	<.05	.70
Lead (Pb)	.06	<.05	<.05	05	<.05	<.05	<.05
Manganese (Mn)	<.05	.07	.06	.05	<.05	<.05	<.05
Mercury (Hg)	<.001	<.001	<.001	<.001	<.001	<.001	<.001
Molybdenum (Mo)	<.1	<.1	<.1	<.1	<.1	<.1	<.1
Nickel (Ni)	<.05	<.05	<.05	<.05	<.05	<.05	<.05
Radium 226 (Ra) pCi/l							
Selenium (Se)	<.005	<.005	<.005	<.005	<005	<.005	<.005
Thorium 230 (Th) pCi/l							
Uranium (U)	<.1	<.1	<.1	<.1	<.1	<.1	<.1
Vanadium (V)	<.5	<.5	<.5	<.5	<.5	<.5	<.5
Zinc (Zn)	<.05	<.05	<.05	<05	<.05	<.05	<.05
TDS	540	604	417	382	356	334	576

WATER QUALITY DATA

(Chemical units in mg/l except as noted)

Well Number	304	305	307	309	313	314	319
Date Sampled	1/15/80	1/14/80	1/22/80	1/18/80	1/17/80	1/18/80	1/14/80
pH (Units)	6.96	7.45	7.40	7.30	7.30	7.70	7.10
Temperature (°C)							
Conductivity (umhos/cm)	1000	550	1000	650	725	490	900
Ammonia (NH_3 as N)	<1	<1	<1	<1	<1	<1	<1
Total NO_2/NO_3 (as N)	1.6	1.4	1.48	2.8	1.0	2.2	1.4
Bicarbonate (HCO_3)	230	211	194	201	191	203	185
Carbonate (CO_3)	0	0	0	0	0	0	0
Calcium (Ca)	186	84	180	79	139	59	144
Chloride (Cl)	1.6	3.6	4.0	10.4	6.0	8.0	19.2
Iron (B)	<.05	<.05	<05	<.05	<.05	<.05	<.05
Fluoride (F)	.4	.4	.38	4	.3	.4	.3
Magnesium (Mg)	2.7	2.3	3.2	8.4	.6	0	4.7
Potassium (K)	9.8	7.5	11	16	10.5	9	13.5
Sodium (Na)	41	26	34	36	27	44	37
Sulfate (SO_4)	395	85	338	245	255	100	355
Aluminum (Al)	.3	<.1	.3	7.6	<.1	2.5	.8
Arsenic (As)	<.005	<.005	<.005	<.005	.006	<.005	.018
Barium (Ba)	<.05	<.05	<.05	.07	<.05	<.05	<.05
Cadmium (Cd)	<.05	<.05	<.05	<.05	<.05	<.05	<.05
Chromium (Cr)	<.05	<.05	<.05	<.05	<.05	<.05	<.05
Copper (Cu)	<.05	<.05	<.05	.07	<.05	<.05	<.05
Iron (Fe)	.18	.28	.50	3.79	.66	3.85	1.60
Lead (Pb)	.06	<.05	.43	<.05	.07	<.05	<.05
Manganese (Mn)	<.05	<.05	.21	1.21	.07	.16	.06
Mercury (Hg)	<.001	<.001	<.001	<.001	<.001	<.001	<.001
Molybdenum (Mo)	<.1	<.1	<.1	<.1	<.1	<.1	<.1
Nickel (Ni)	<.05	<.05	<.05	.10	<.05	<.05	<.05
Radium 226 (Ra) pCi/l							
Selenium (Se)	<.005	<.005	<.005	<.005	<.005	<.005	<.005
Thorium 230 (Th) pCi/l							
Uranium (U)	<.1	<.1	<.1	<.1	<.1	<.1	<.1
Vanadium (V)	<.5	<5	<.5	<.5	<.5	<.5	<.5
Zinc (Zn)	.08	<.05	.19	1.07	<.05	.44	<.05
TDS	750	330	724	508	574	310	650

WATER QUALITY DATA

(Chemical units in mg/l except as noted.)

Well Number	MR1	MR1						
Date Sampled	1-17-80	1-17-80						
pH (Units)	7.48	7.78						
Temperature (°C)								
Conductivity (umhos/cm)	550	780						
Ammonia (NH_3 as N)	<1	<1						
Total NO_2/NO_3 (as N)	1.8	1.8						
Bicarbonate (HCO_3)	223	192						
Carbonate (CO_3)	0	0						
Calcium (Ca)	80	134						
Chloride (Cl)	4.0	44						
Boron (B)	<.05	<.05						
Fluoride (F)	.4	.3						
Magnesium (Mg)	8.4	3.1						
Potassium (K)	7.5	9.2						
Sodium (Na)	24	29						
Sulfate (SO_4)	60	255						
Aluminum (Al)	.4	<.1						
Arsenic (As)	.009	<.005						
Barium (Ba)	<.05	<.05						
Cadmium (Cd)	<.05	<.05						
Chromium (Cr)	<.05	<.05						
Copper (Cu)	<.05	<.05						
Iron (Fe)	.57	.58						
Lead (Pb)	<.05	<.05						
Manganese (Mn)	<.05	<.05						
Mercury (Hg)	<.001	<.001						
Molybdenum (Mo)	<.1	<.1						
Nickel (Ni)	<.05	<.05						
Radium 226 (Ra) pCi/l								
Selenium (Se)	<.005	<.005						
Thorium 230 (Th) pCi/l								
Uranium (U)	<.1	<.1						
Vanadium (V)	<.5	<.5						
Zinc (Zn)	<.05	<.05						
TDS	358	548						

APPENDIX C

TETON-NEDCO MONITOR WELLS

BIWEEKLY WATER ANALYSIS

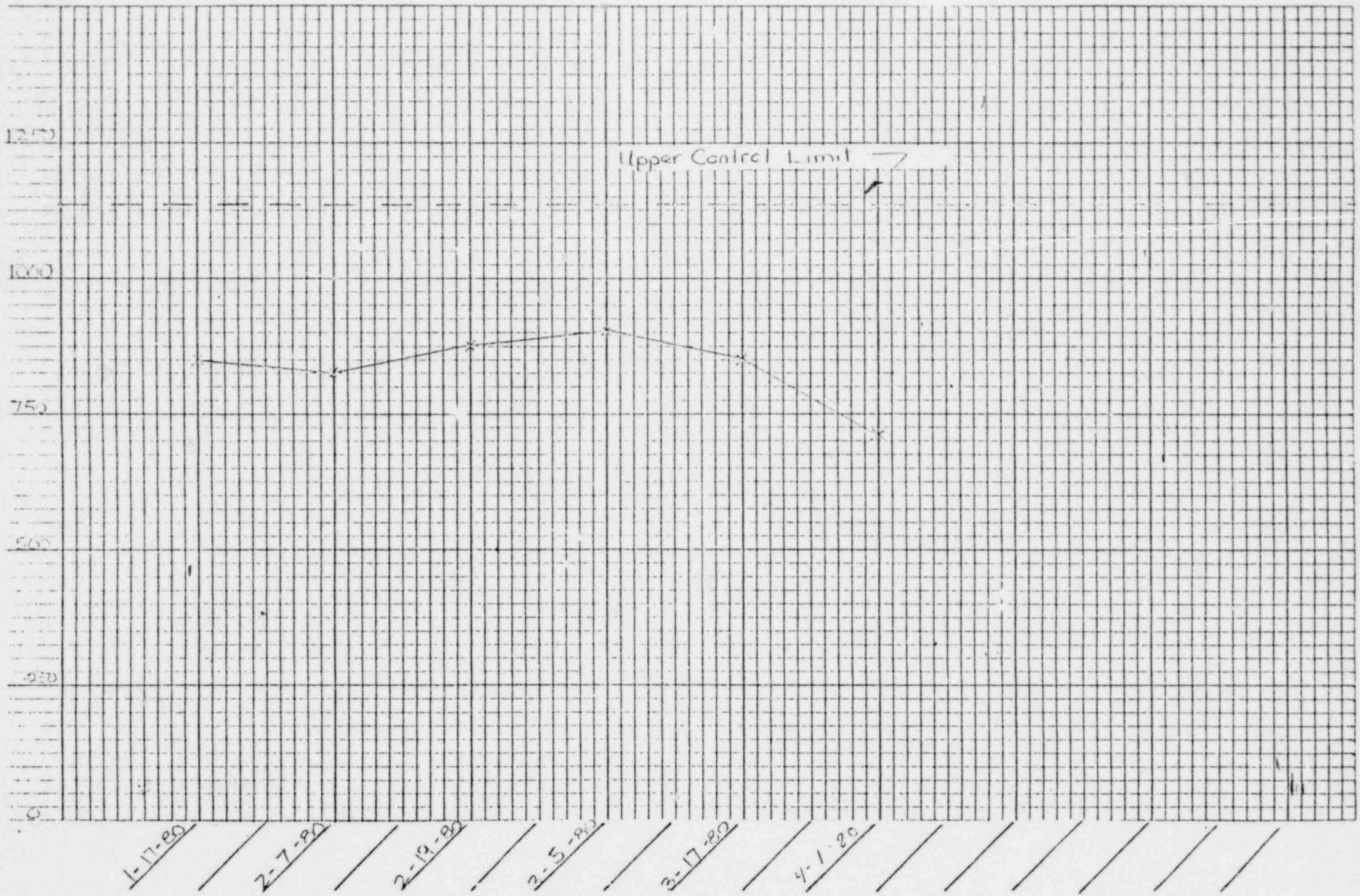
WATER SAMPLES

QUARTERLY REPORT

WELL NAME 570 (I)

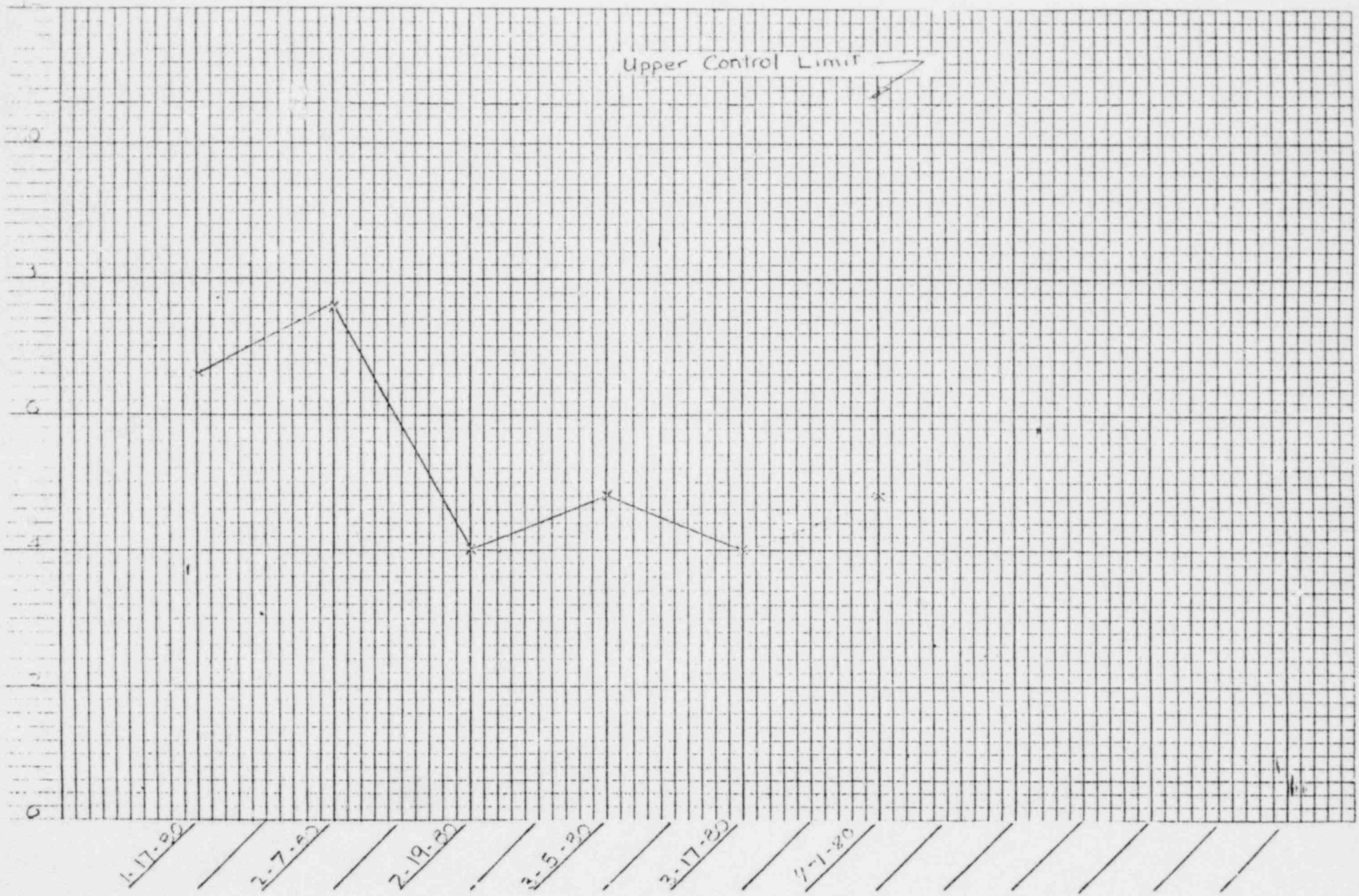
MCL	1,137	10.6	502	1	57	221
Sampling Date	Conductivity umhos/cm	Cl^- (ppm)	$SO_4^=$ (ppm)	U (ppm)	Na^+ (ppm)	Alkalinity (as ppm $CaCO_3$)
	950	6.6	270	<0.1	25	192
1-17-80						
	825	7.6	285	<0.1	31	189
2-7-80						
	875	4.0	280	<0.1	33	190
2-19-80						
	900	4.8	265	<0.1	32	180
3-5-80						
	950	4.0	315	<0.2	32	209
3-17-80						
	705	4.0	330	<0.2	32	204
4-2-80						

WELL NAME: 550



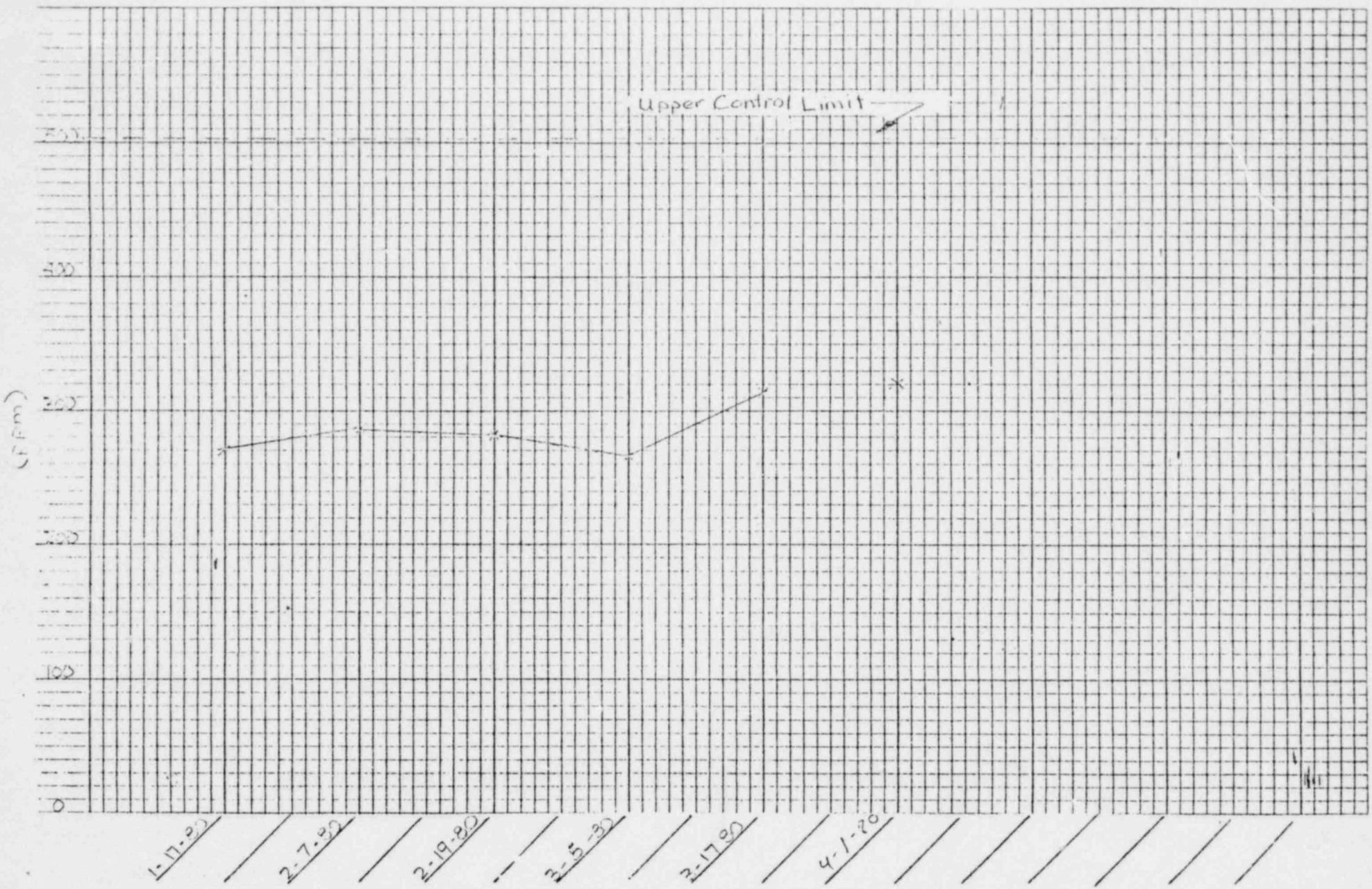
SAMPLE COLLECTION DATE

WELL NAME: _____



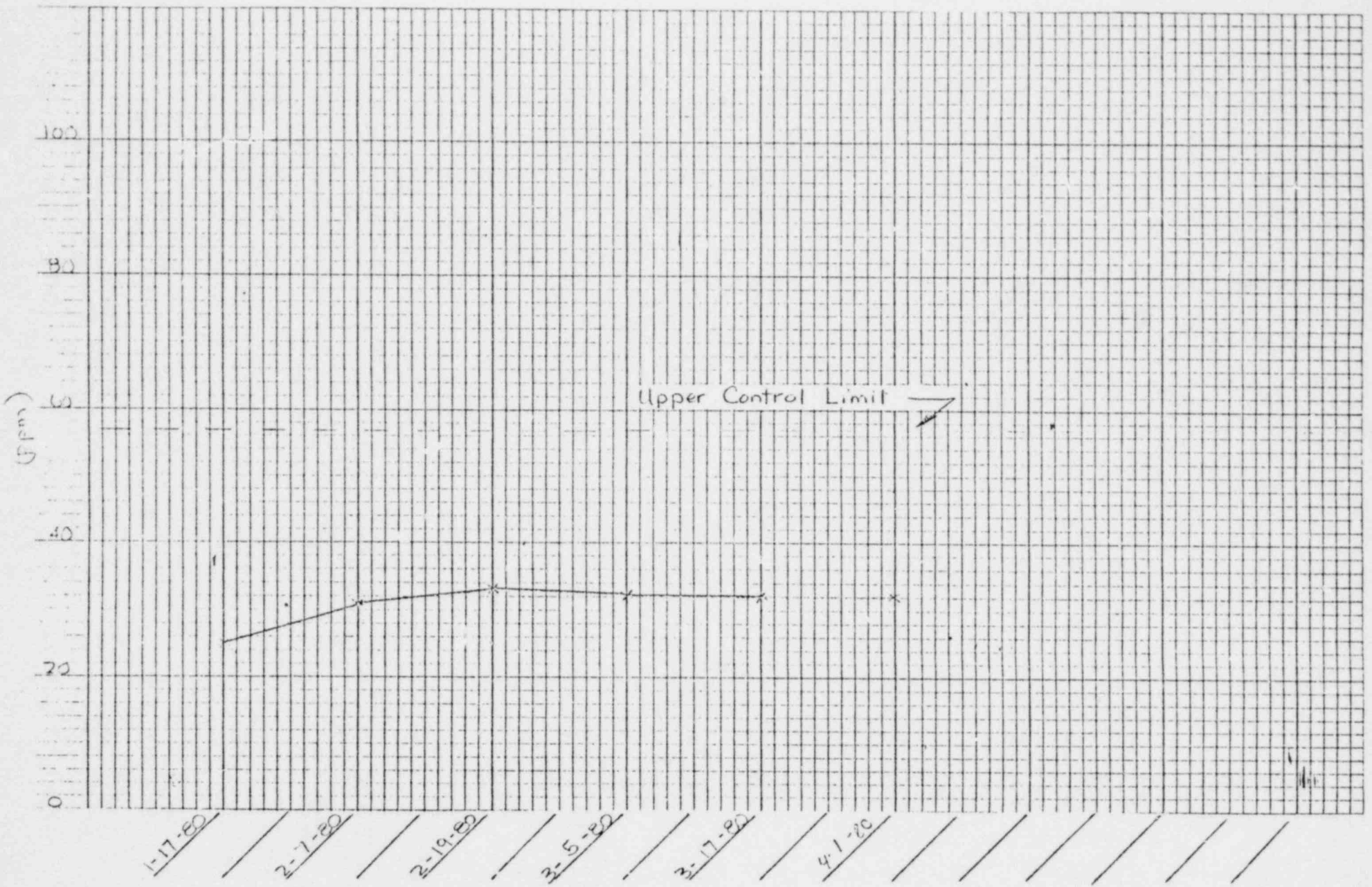
SAMPLE COLLECTION DATE

WELL NAME: 550



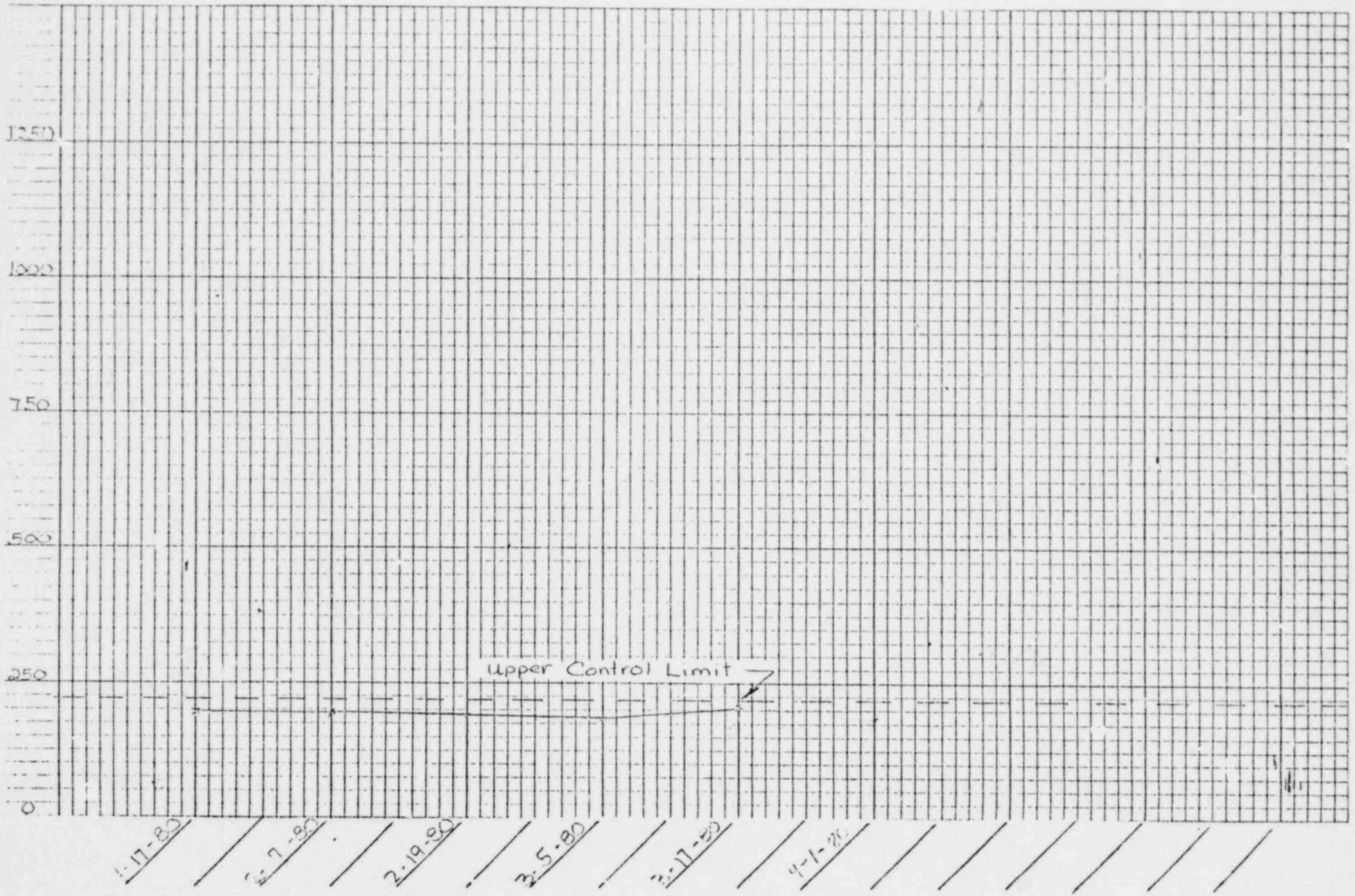
SAMPLE COLLECTION DATE

WELL NAME: 570



SAMPLE COLLECTION DATE

WELL NAME: 5D



SAMPLE COLLECTION DATE

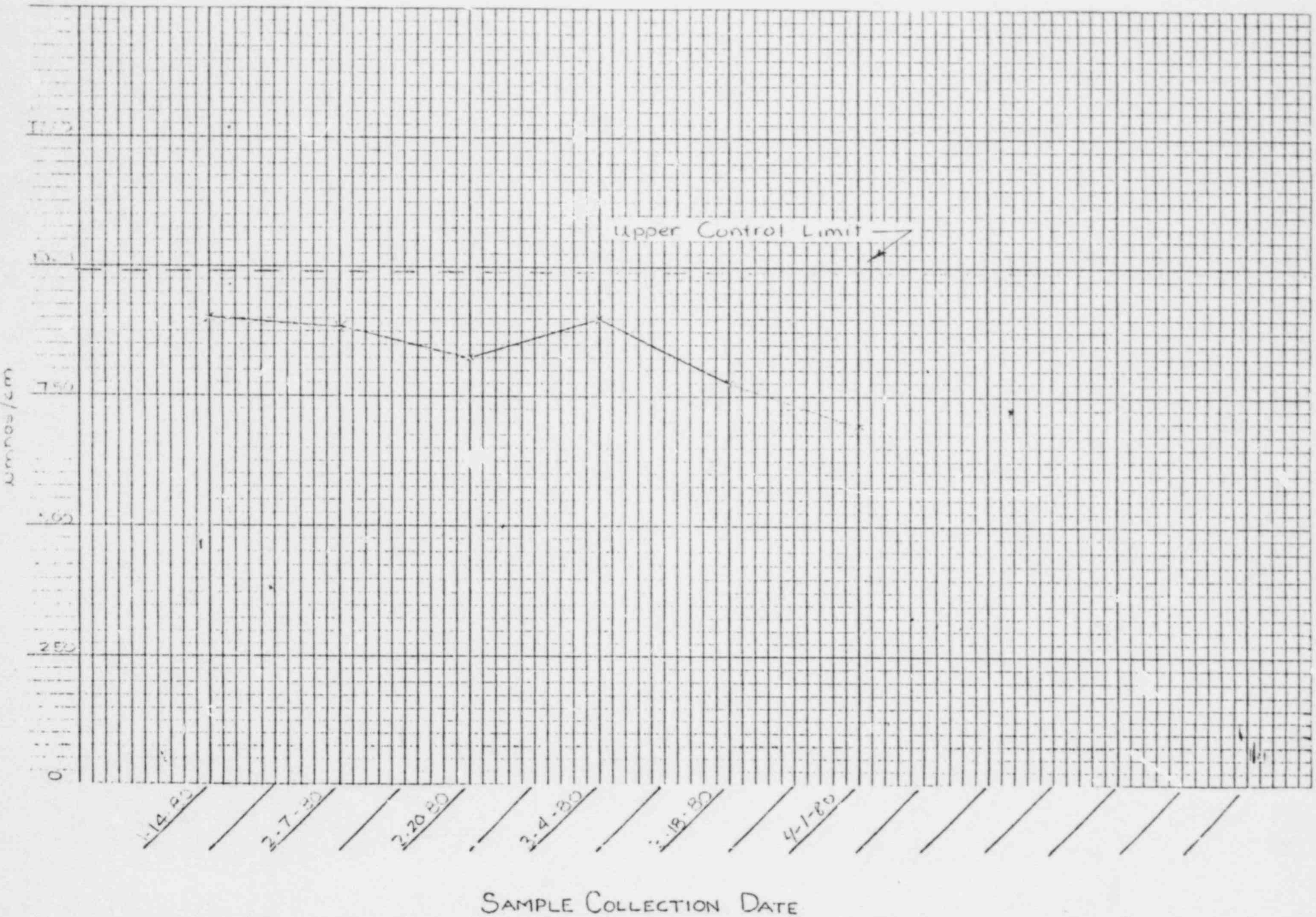
WATER SAMPLES

QUARTERLY REPORT

WELL NAME 319 (N)

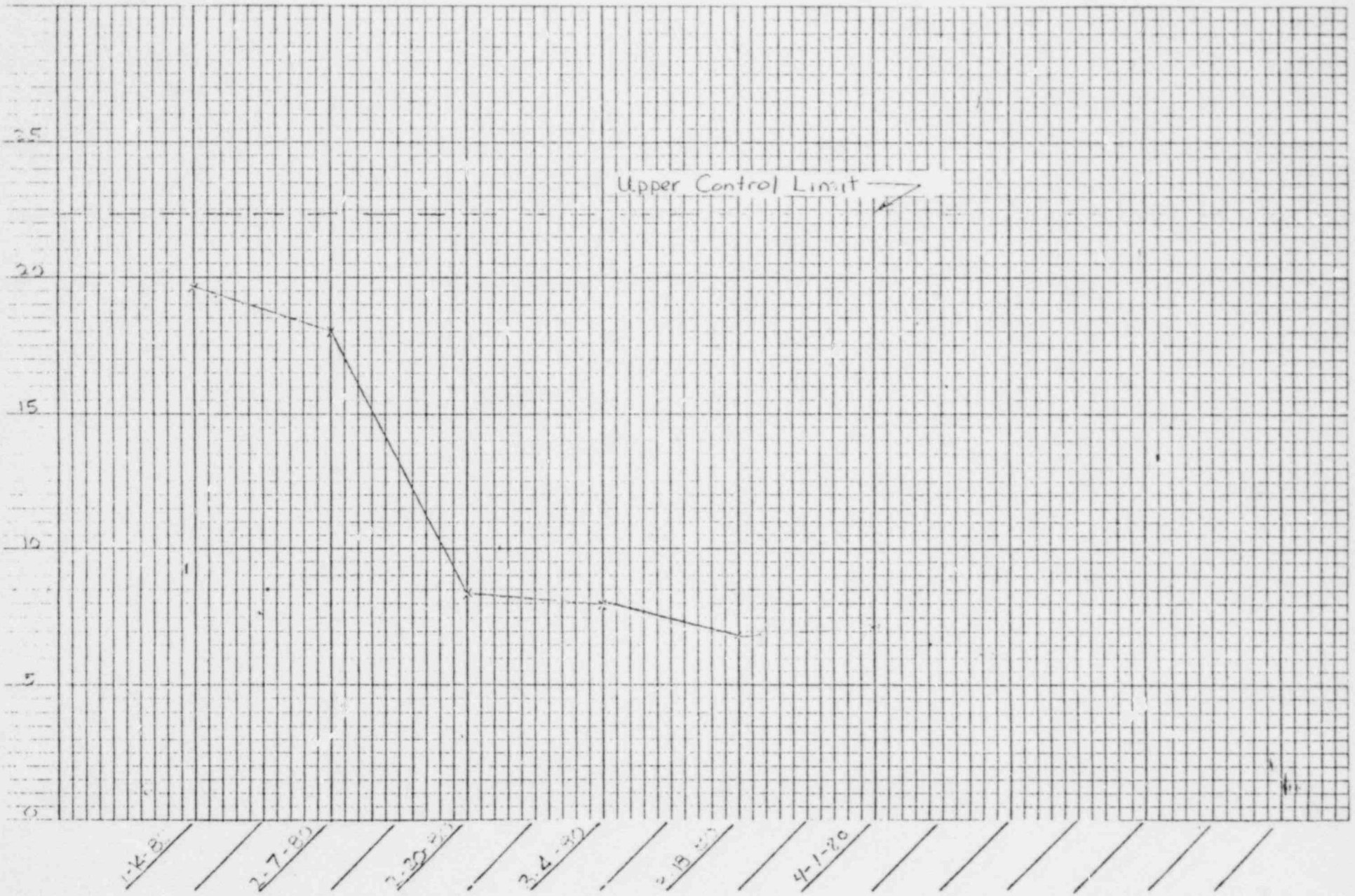
Sampling Date	Conductivity umhos/cm	Cl^- (ppm)	$SO_4^=$ (ppm)	U (ppm)	Na^+ (ppm)	Alkalinity (as ppm $CaCO_3$)
UCL	993.0	32.33	337.3	1	45.55	192.2
1-14-80	900	19.2	355	<0.[illegible]	37	152
2-7-80	880	13.0	300	0.28	31	156
2-20-80	825	8.4	173	0.18	39	168
3-4-80	900	8.0	320	0.11	20	84
3-18-80	* 775	6.8	300	<0.[illegible]	36	180
4-1-80	655	7.2	310	<[illegible]	38	158

WELL NAME: 31



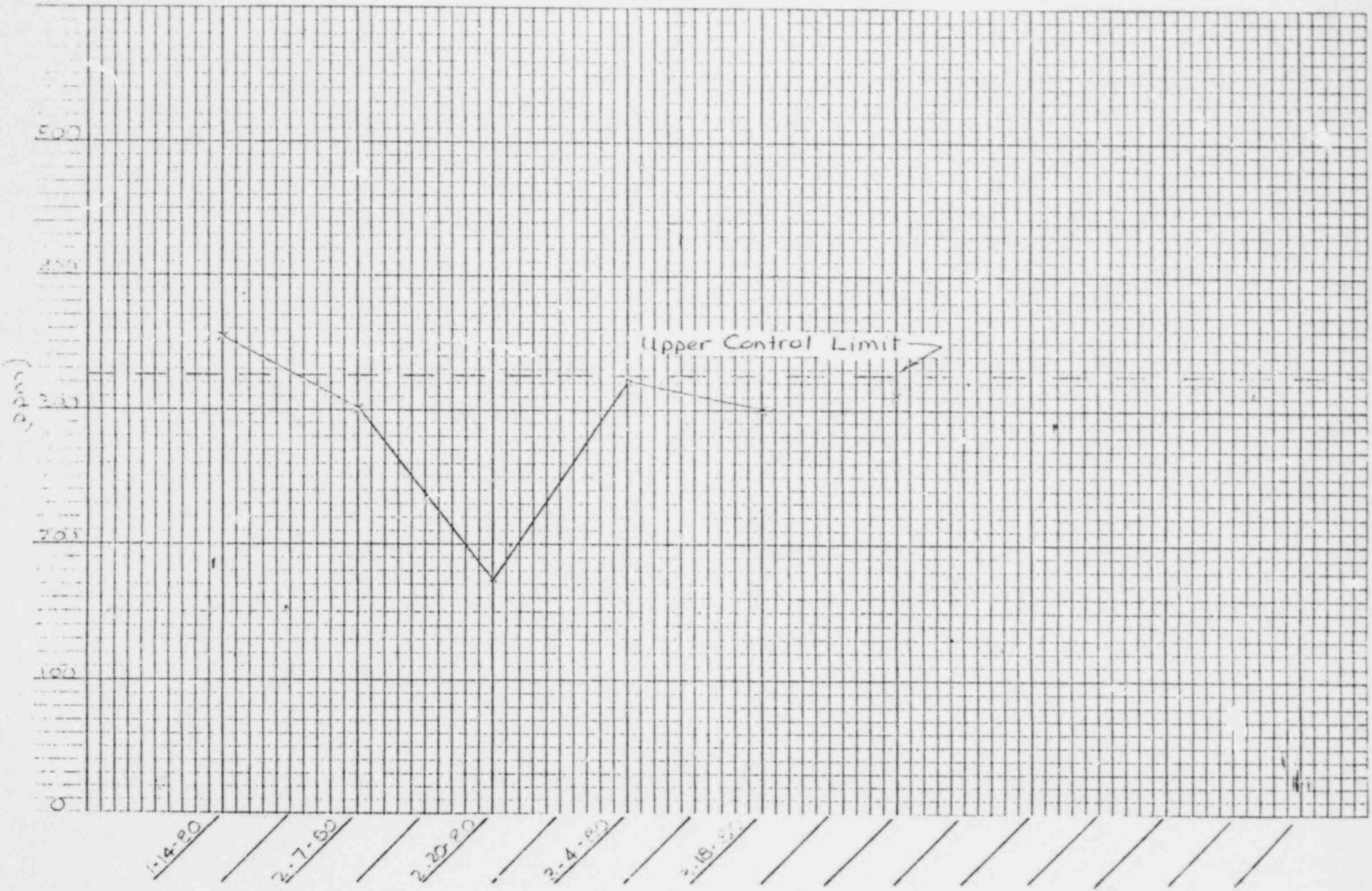
Upper Control Limit
750
250
0
umhos/cm
-14-80
2-7-80
2-20-80
3-4-80
-18-80
4-1-80
SAMPLE COLLECTION DATE

WELL NAME : _____



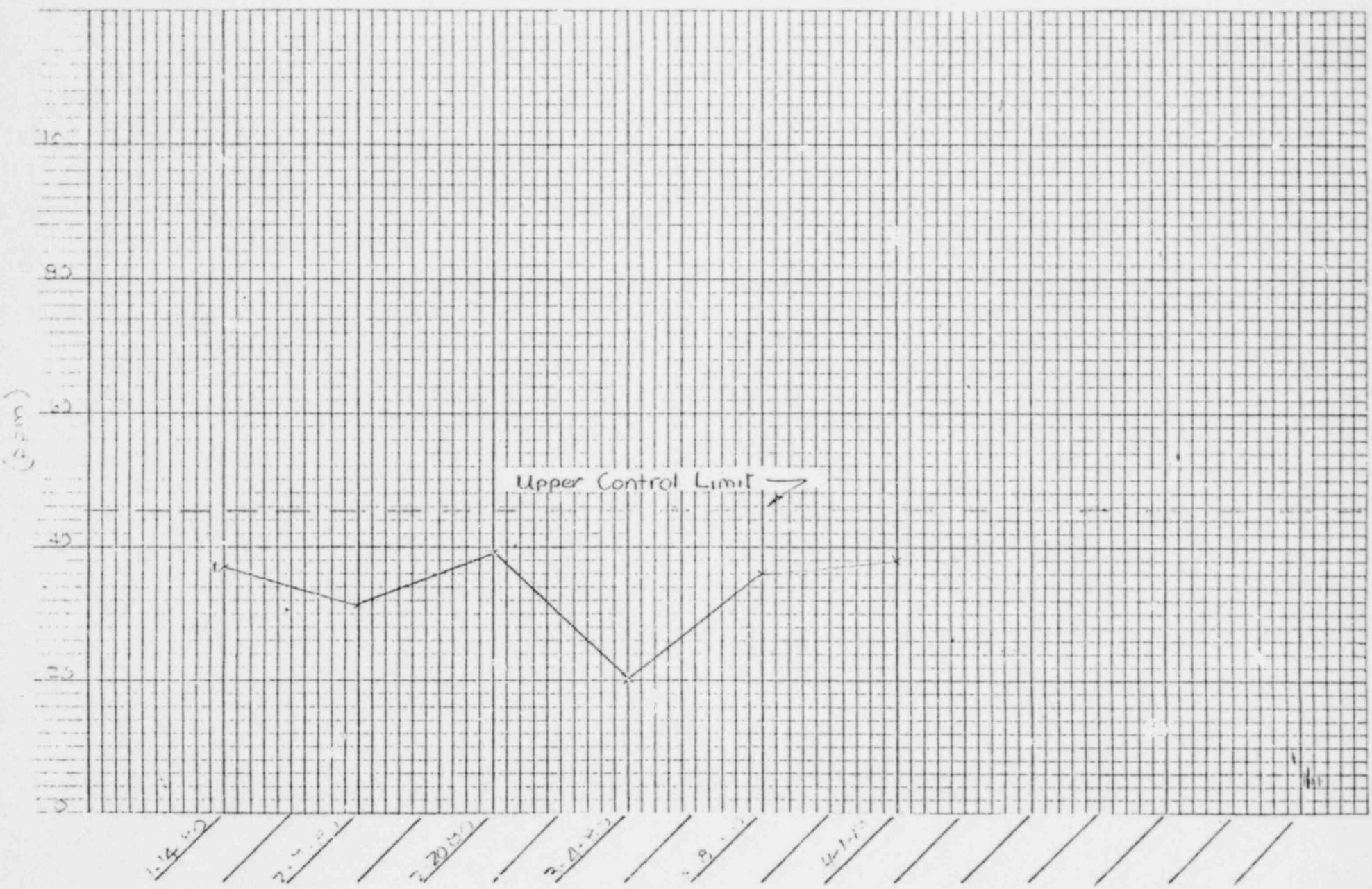
SAMPLE COLLECTION DATE

WELL NAME : _____



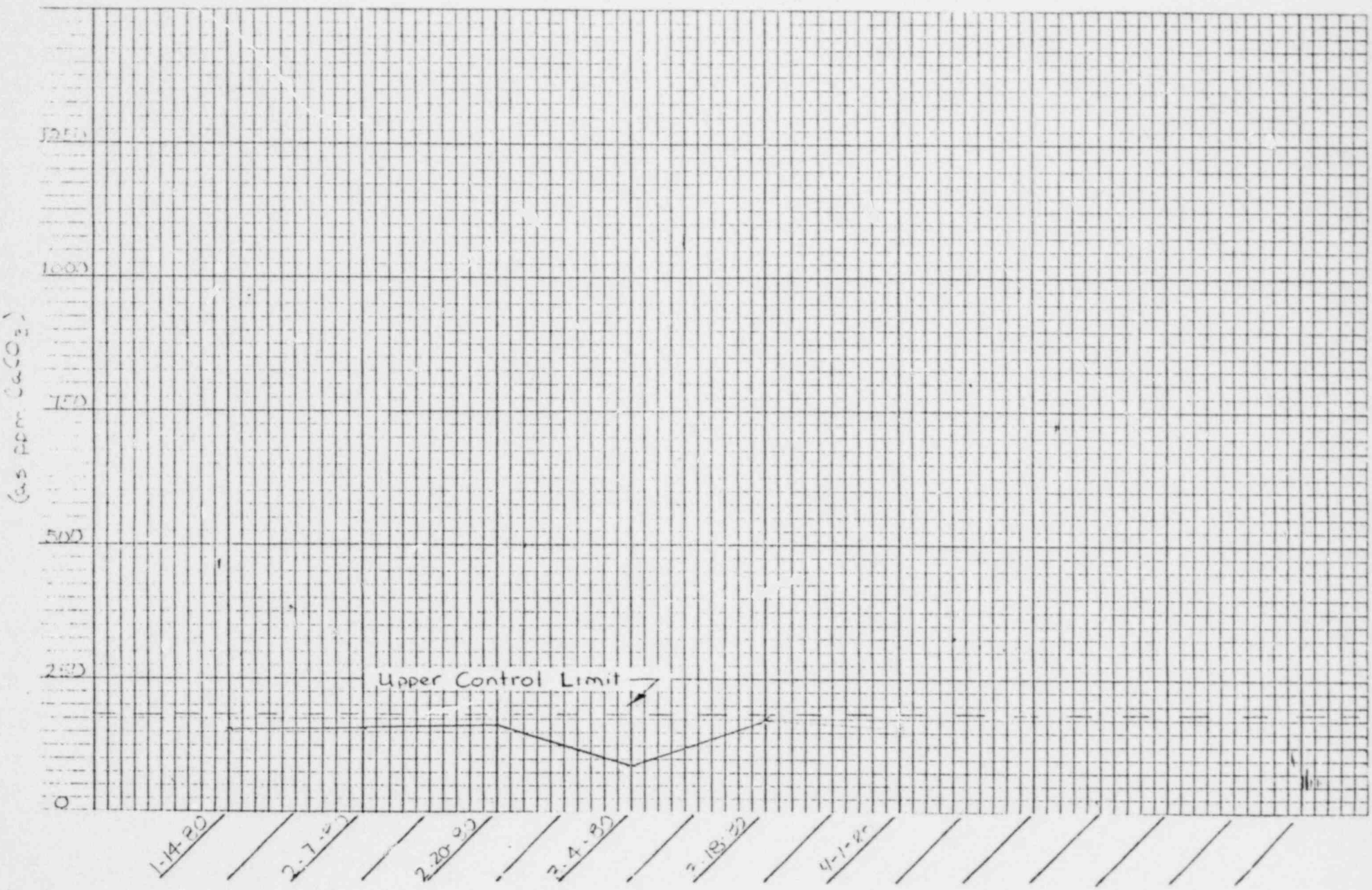
SAMPLE COLLECTION DATE

WELL NAME : _____



SAMPLE COLLECTION DATE

WELL NAME: _____



SAMPLE COLLECTION DATE

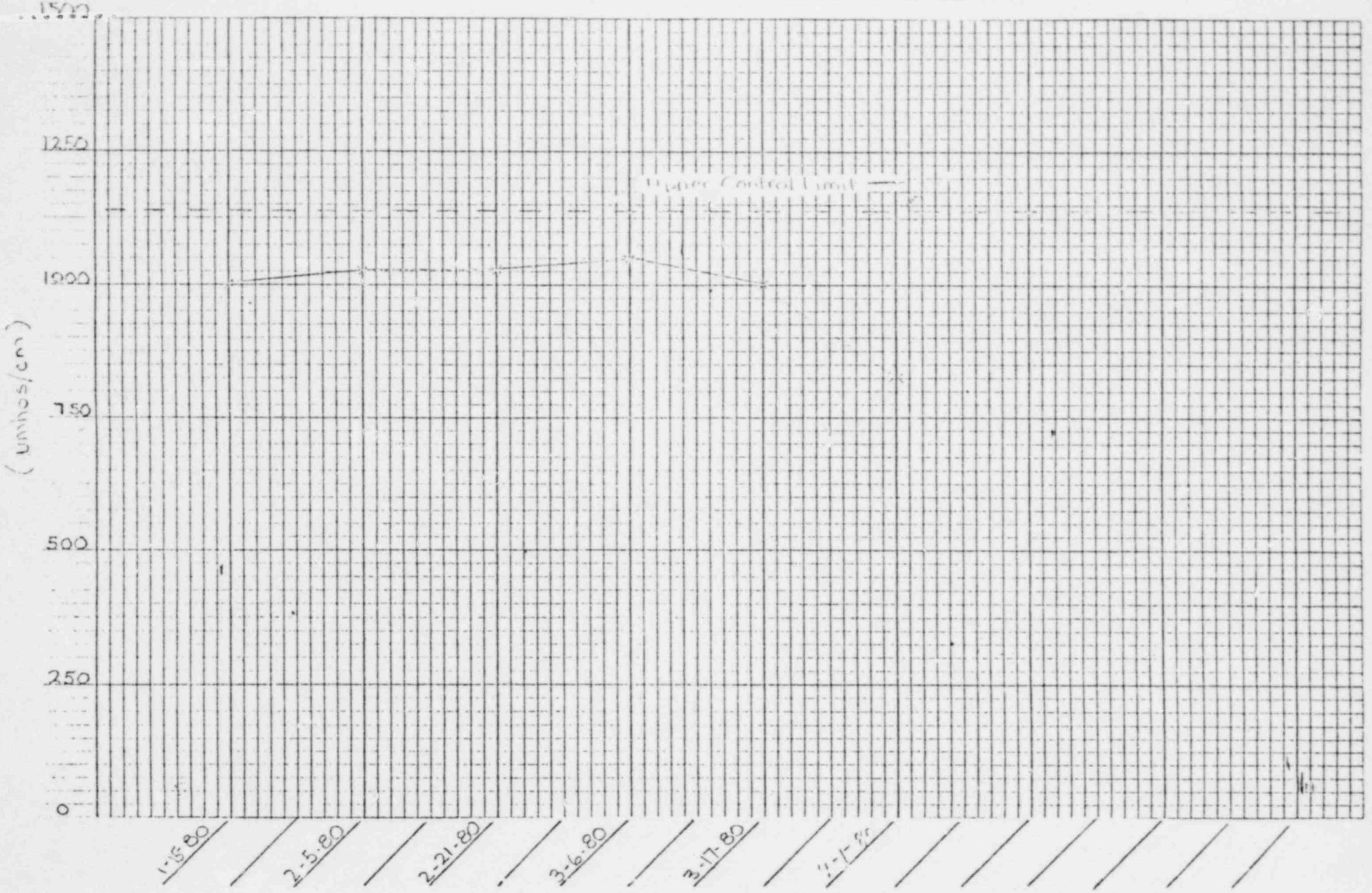
WATER SAMPLES

QUARTERLY REPORT

WELL NAME 304 (I)

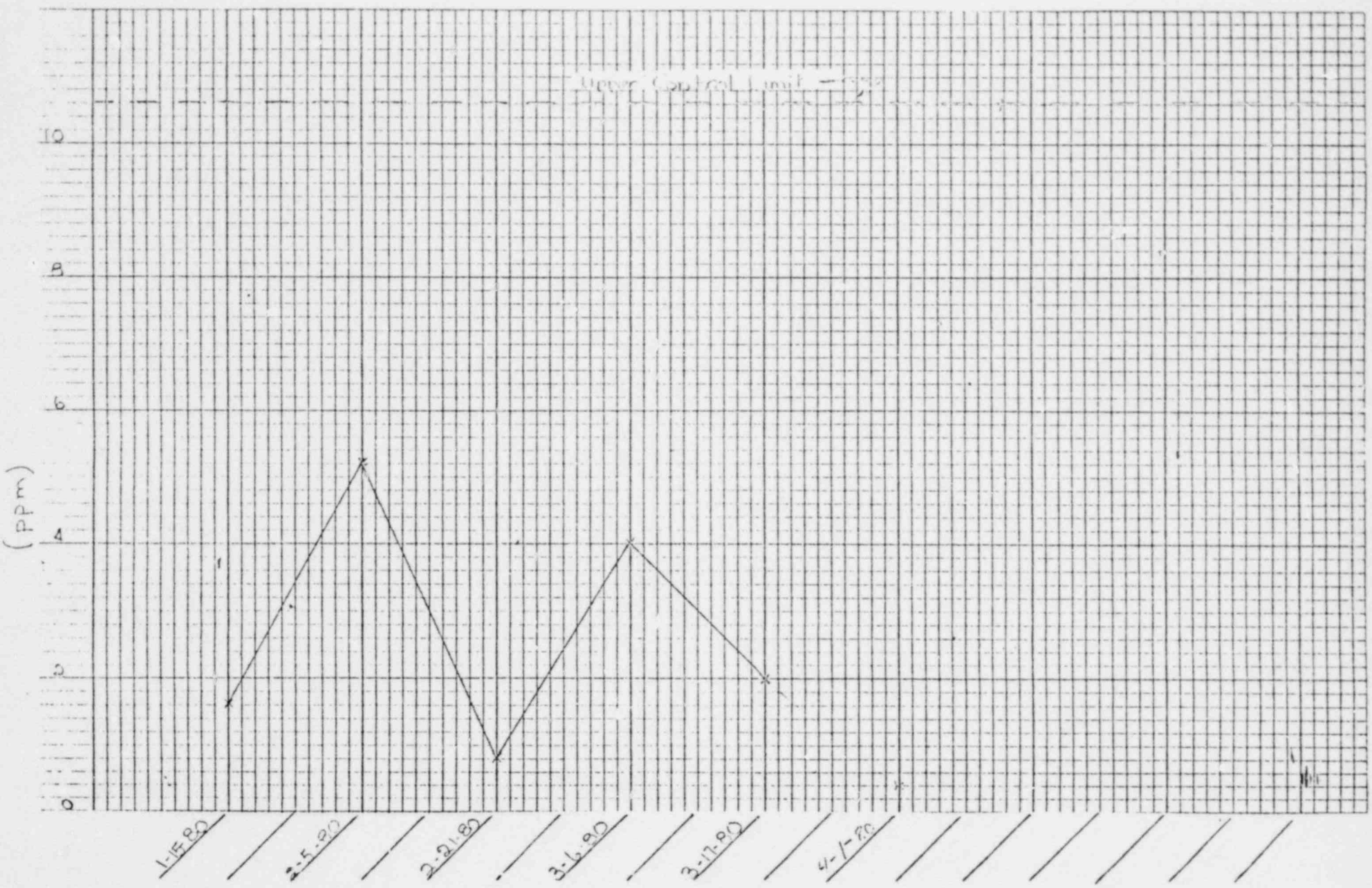
U.L.	1,127	10.6	502	1	57	221
Sampling Date	Conductivity umhos/cm	Cl^- (ppm)	$SO_4^=$ (ppm)	U (ppm)	Na^+ (ppm)	Alkalinity (as ppm $CaCO_3$)
	1022	1.6	325		41	189
1-15-80						
	1025	5.2	310	<.1	35	199
2-5-80						
	1025	0.8	370	<0.1	39	194
2-21-80						
	1050	4.0	420	<0.1	36	208
3-4-80						
	1000	2.0	425	<0.2	34	210
3-17-80						
	525	0.4	472	<0.2	35	210
4-1-80						

WELL NAME : 304



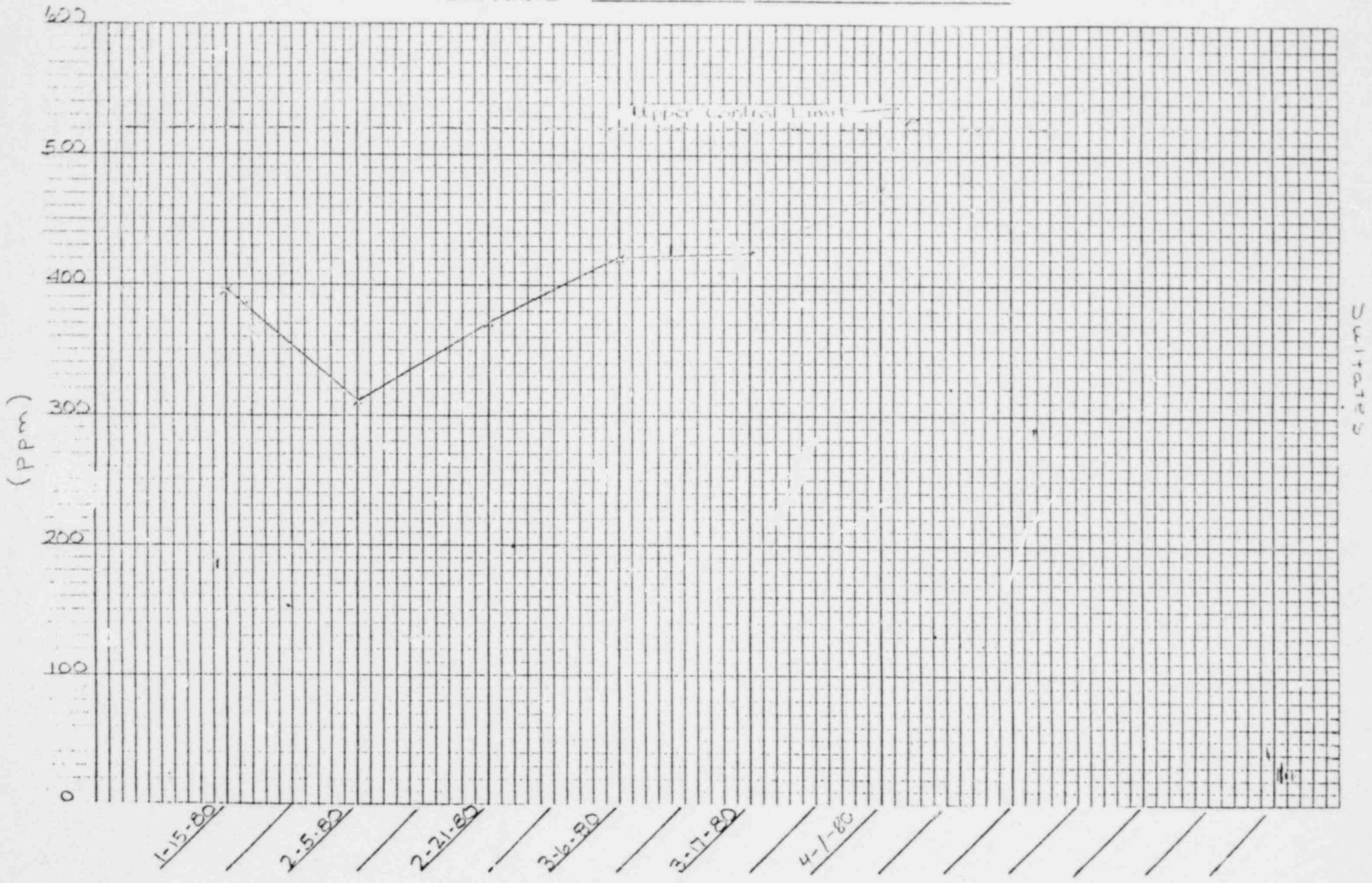
SAMPLE COLLECTION DATE

WELL NAME : 304

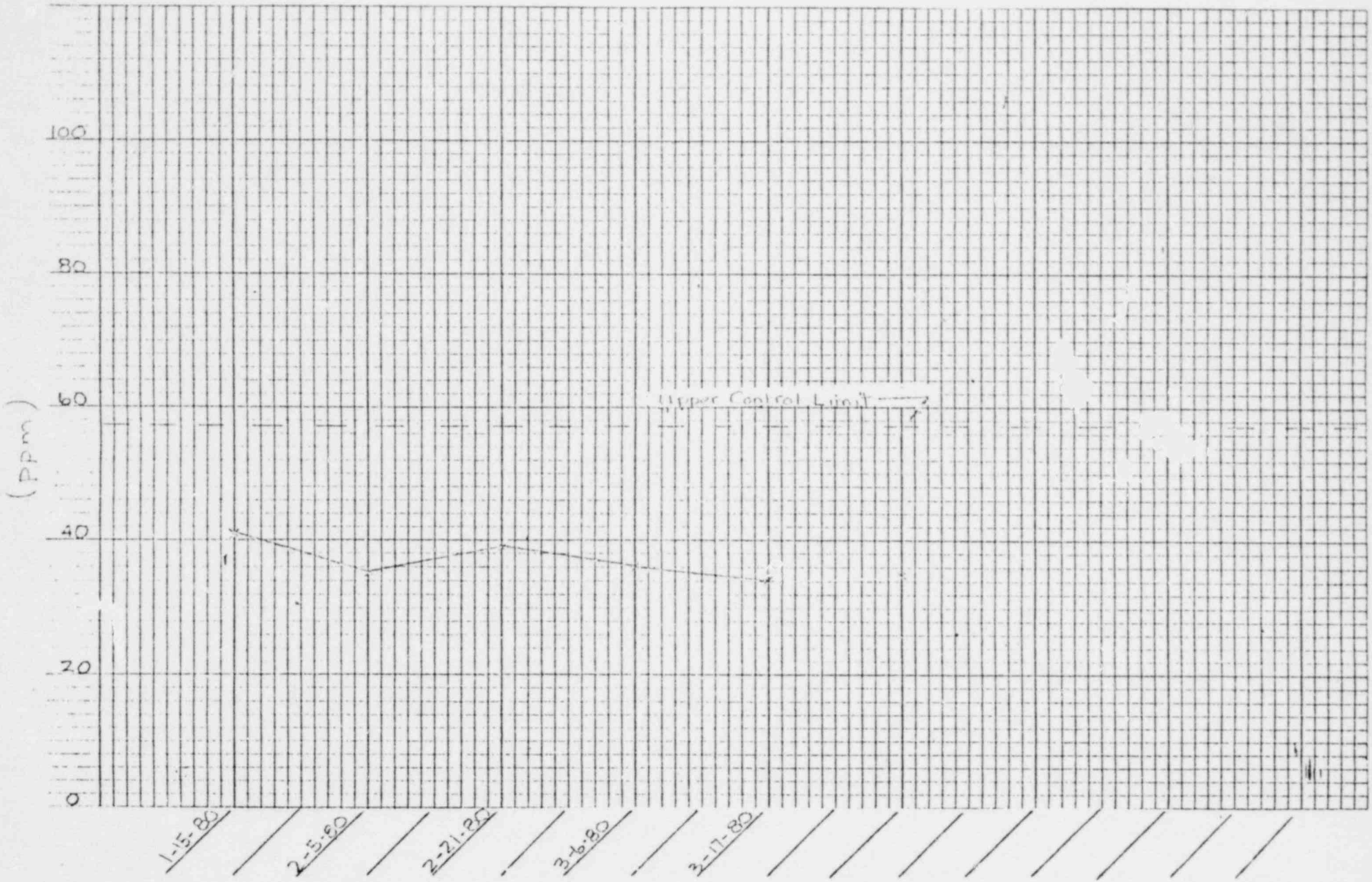


SAMPLE COLLECTION DATE

WELL NAME: 304



WELL NAME: 304



SAMPLE COLLECTION DATE

WELL NAME: 204

WATER SAMPLES

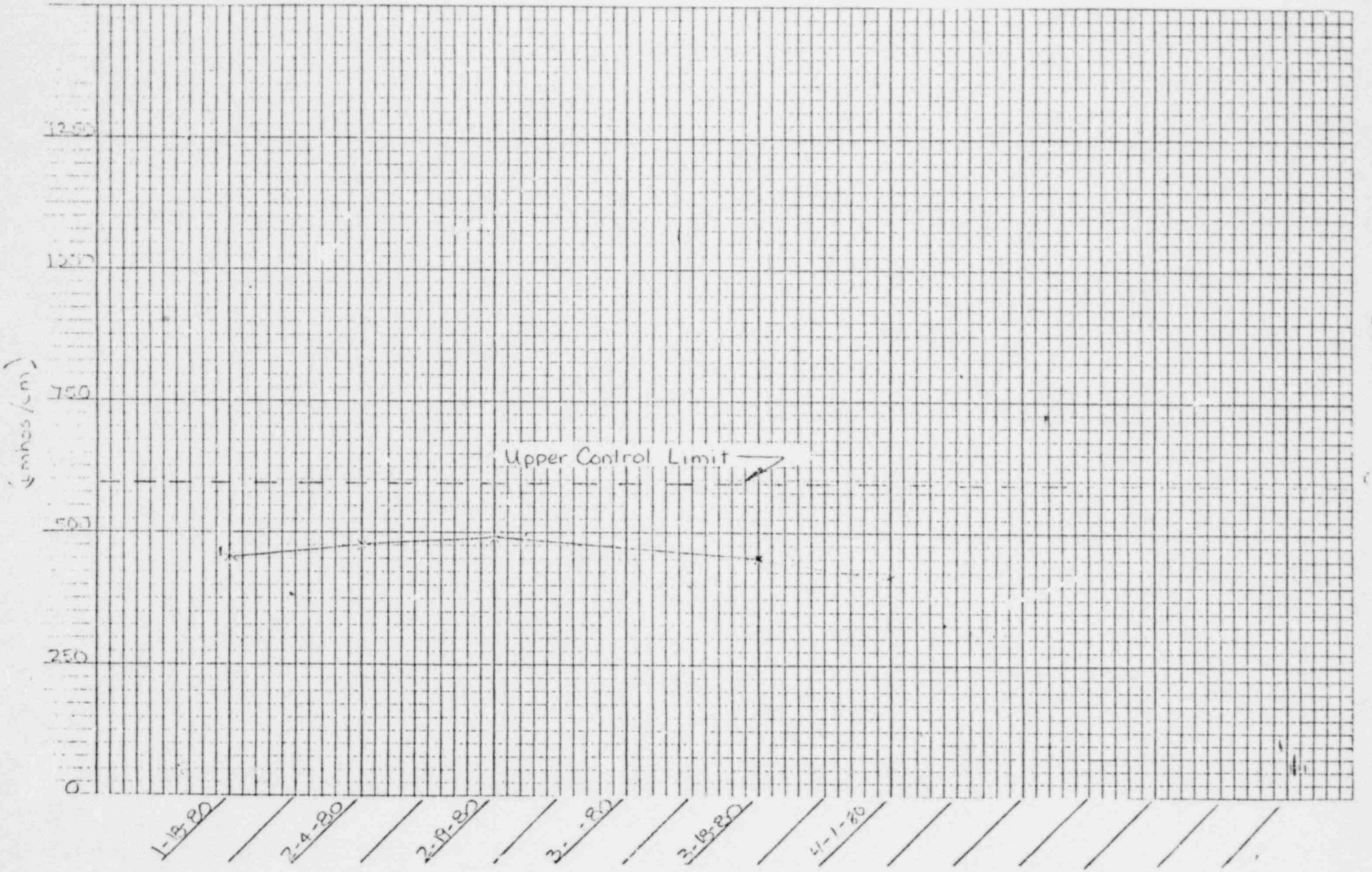
QUARTERLY REPORT

WELL NAME 314

Date	Conductivity umhos/cm	Cl^- (ppm)	$SO_4^=$ (ppm)	U (ppm)	Na^+ (ppm)	Alkalinity (as ppm $CaCO_3$)
[illegible]	591	9.7	158	1	58	203
1-18-80	450	8.0	100	<0.1	44	166
2-4-80	4-3	7.6	40	<0.1	41	182
2-19-80	490	6.0	55	<0.1	41	194
3-6-80	580	31.6	68	<0.1	25	180
3-19-80	450	7.6	40	<0.2	42	194
4-3-80	420	6.0	70	<0.2	39	200

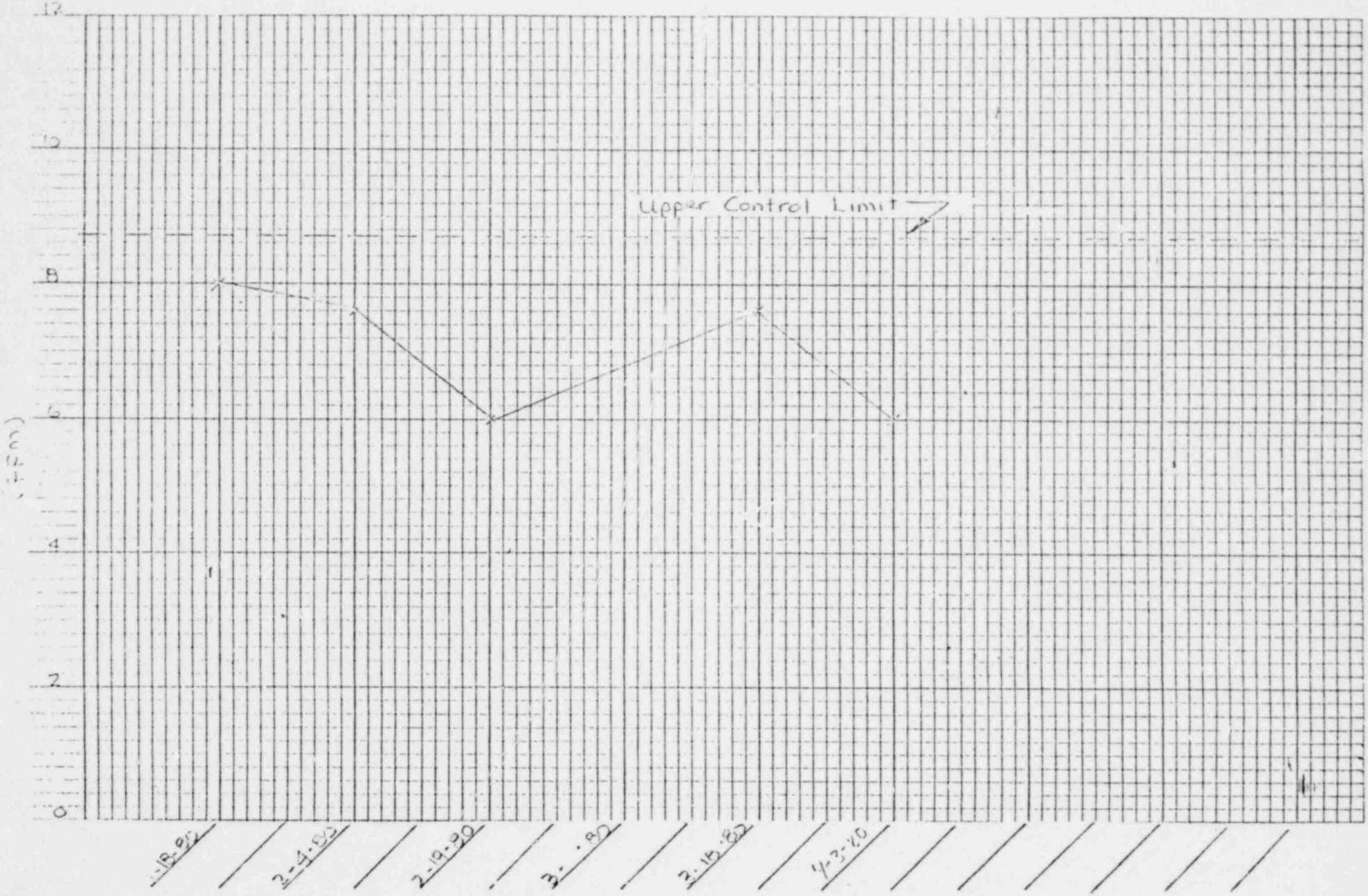
Note: 2-20-80 coliforms per 100 ml 16 - Atypical bacteria, per 100 ml 60
2-26-80 " <1 - " " <1

WELL NAME : 314



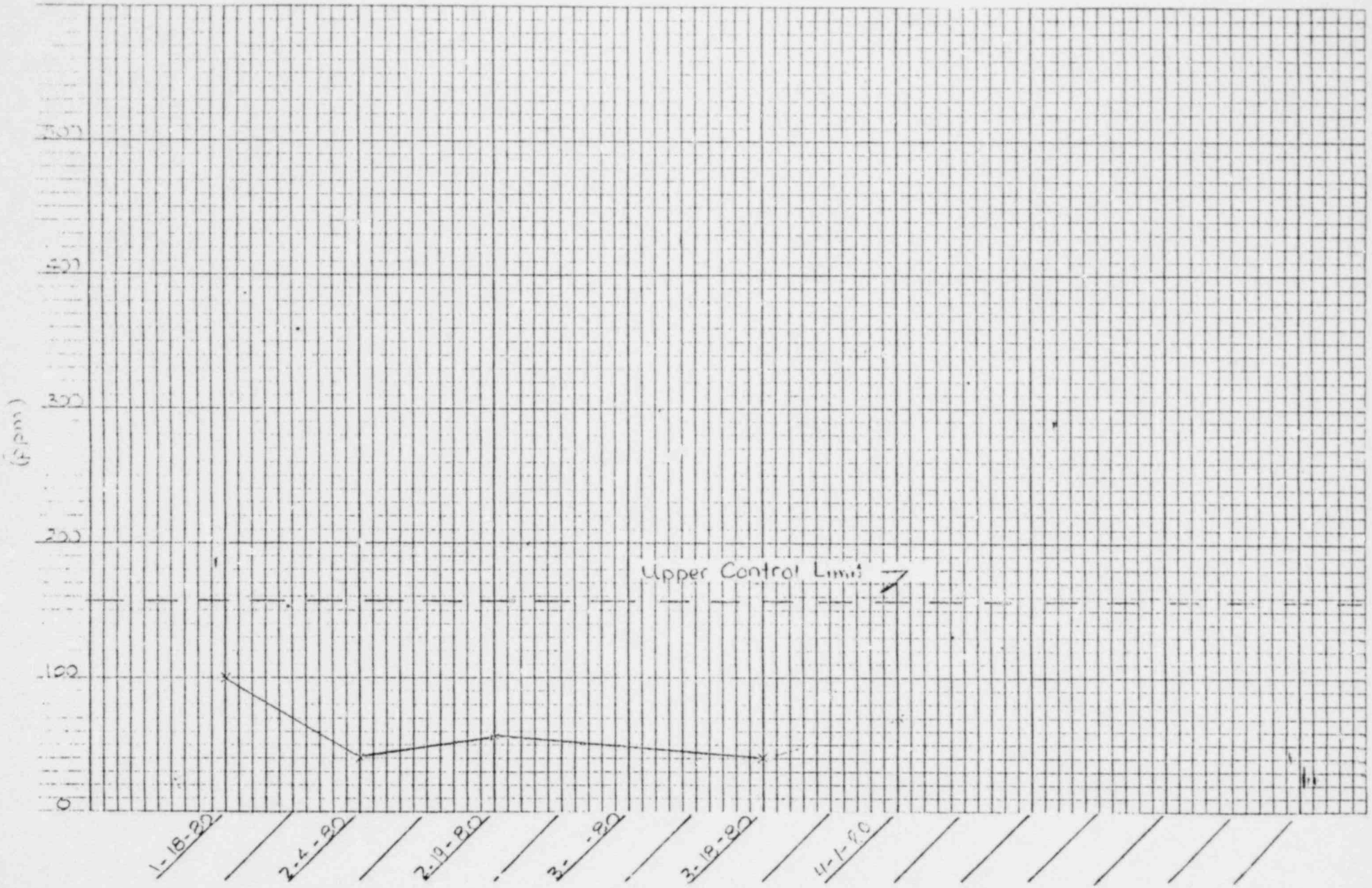
SAMPLE COLLECTION DATE

WELL NAME : _____



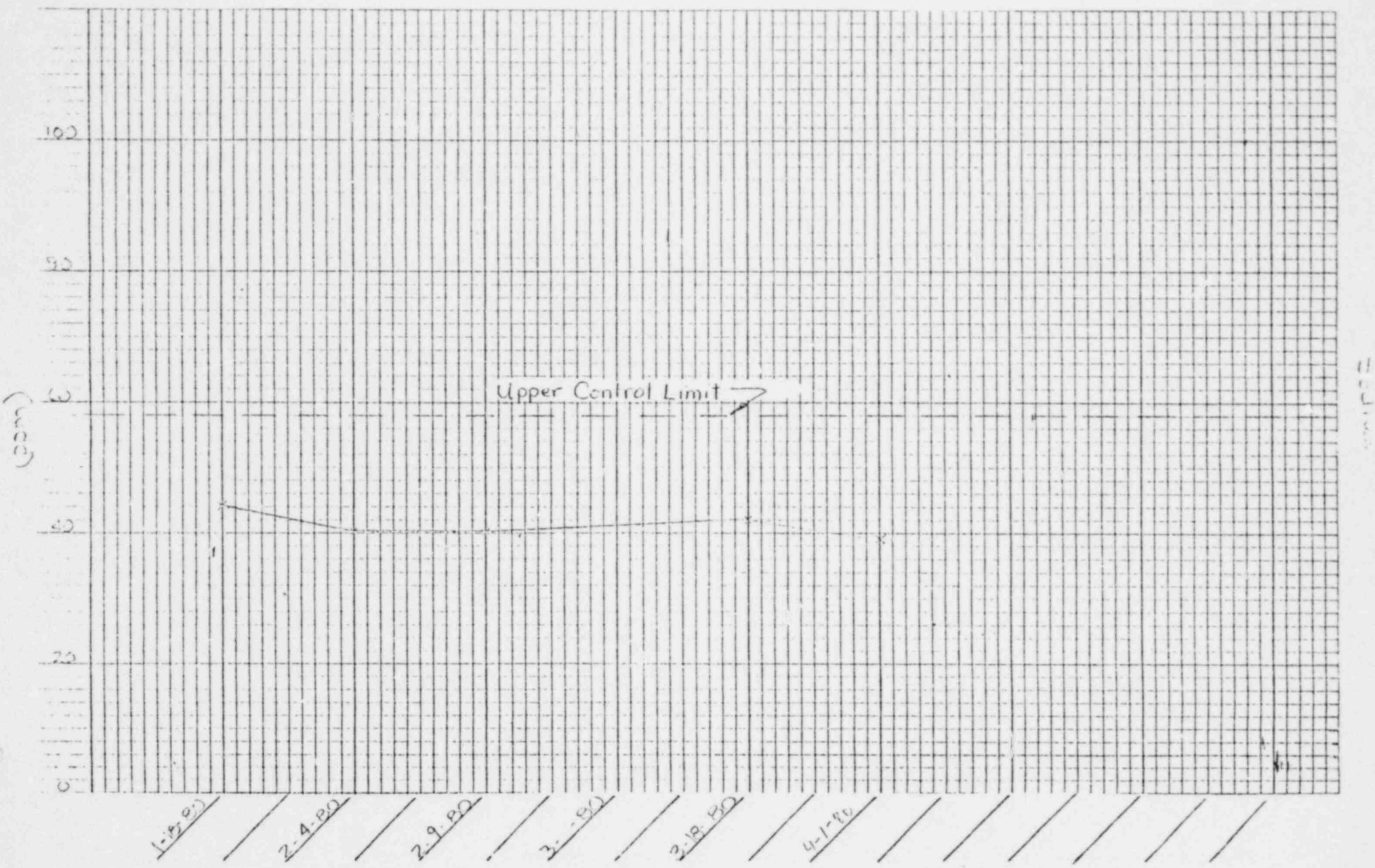
SAMPLE COLLECTION DATE

WELL NAME : _____



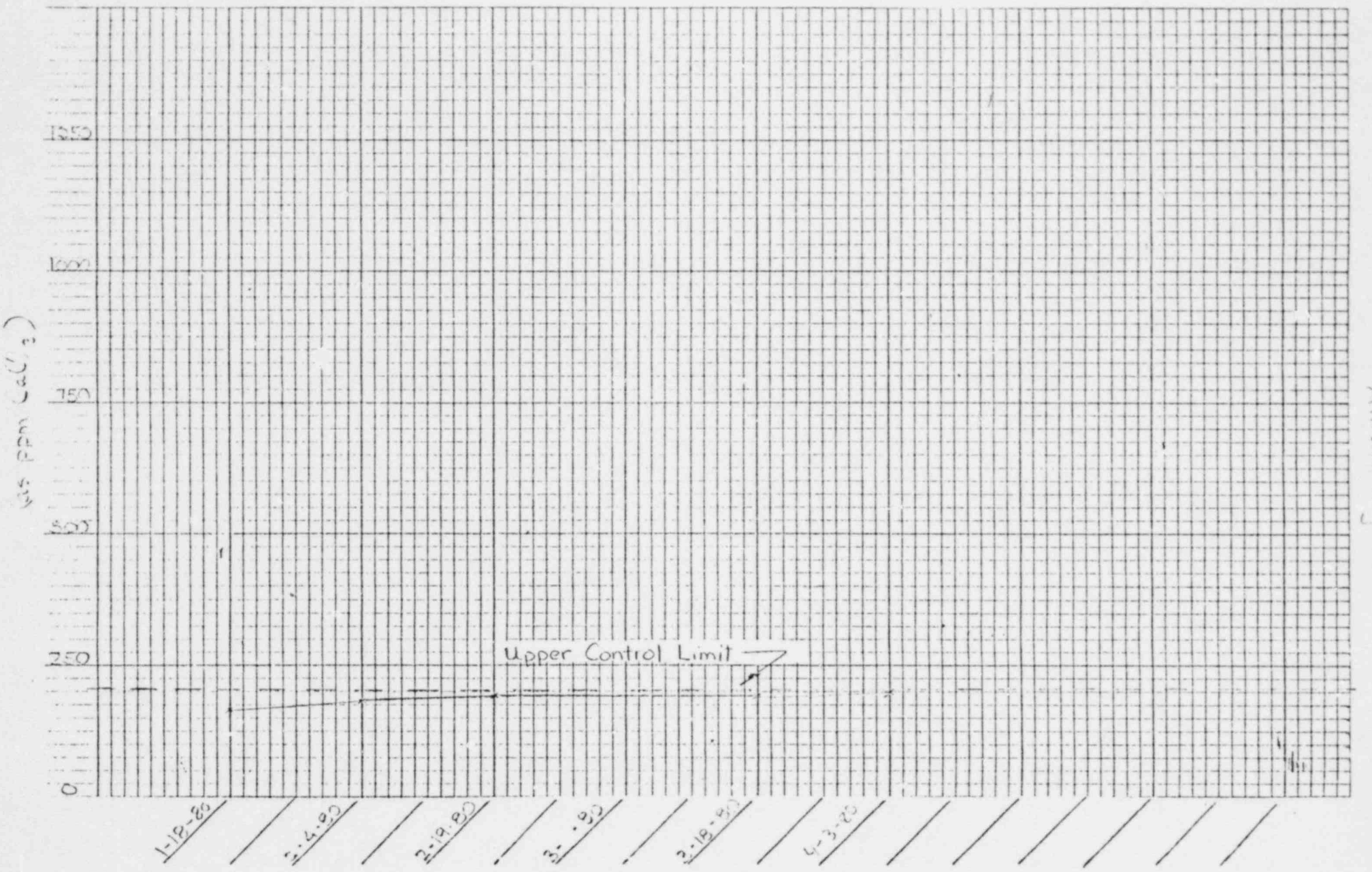
SAMPLE COLLECTION DATE

WELL NAME : 314



SAMPLE COLLECTION DATE

WELL NAME: _____ E11 _____



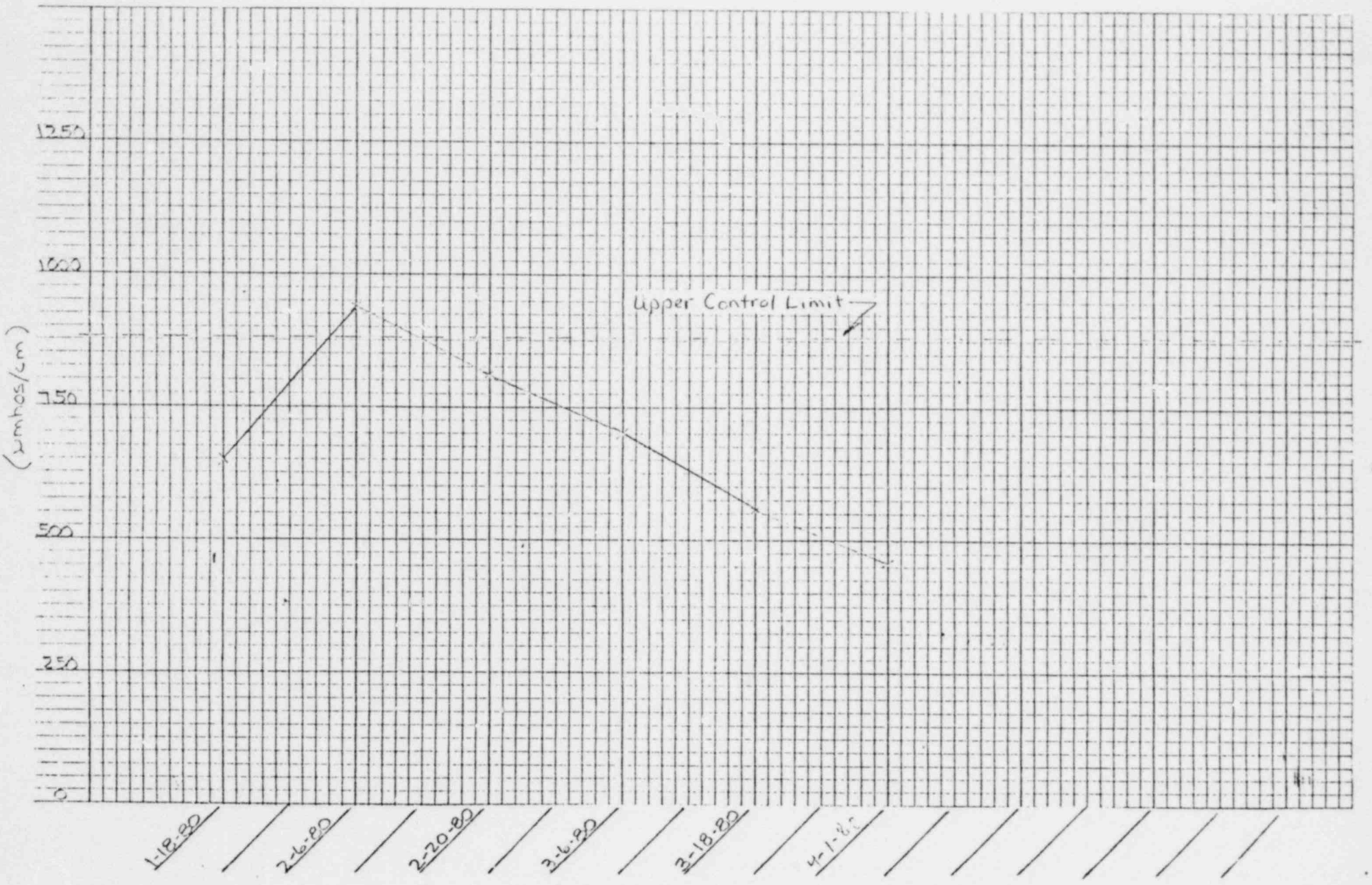
WATER SAMPLES

QUARTERLY REPORT

WELL NAME 309 (N)

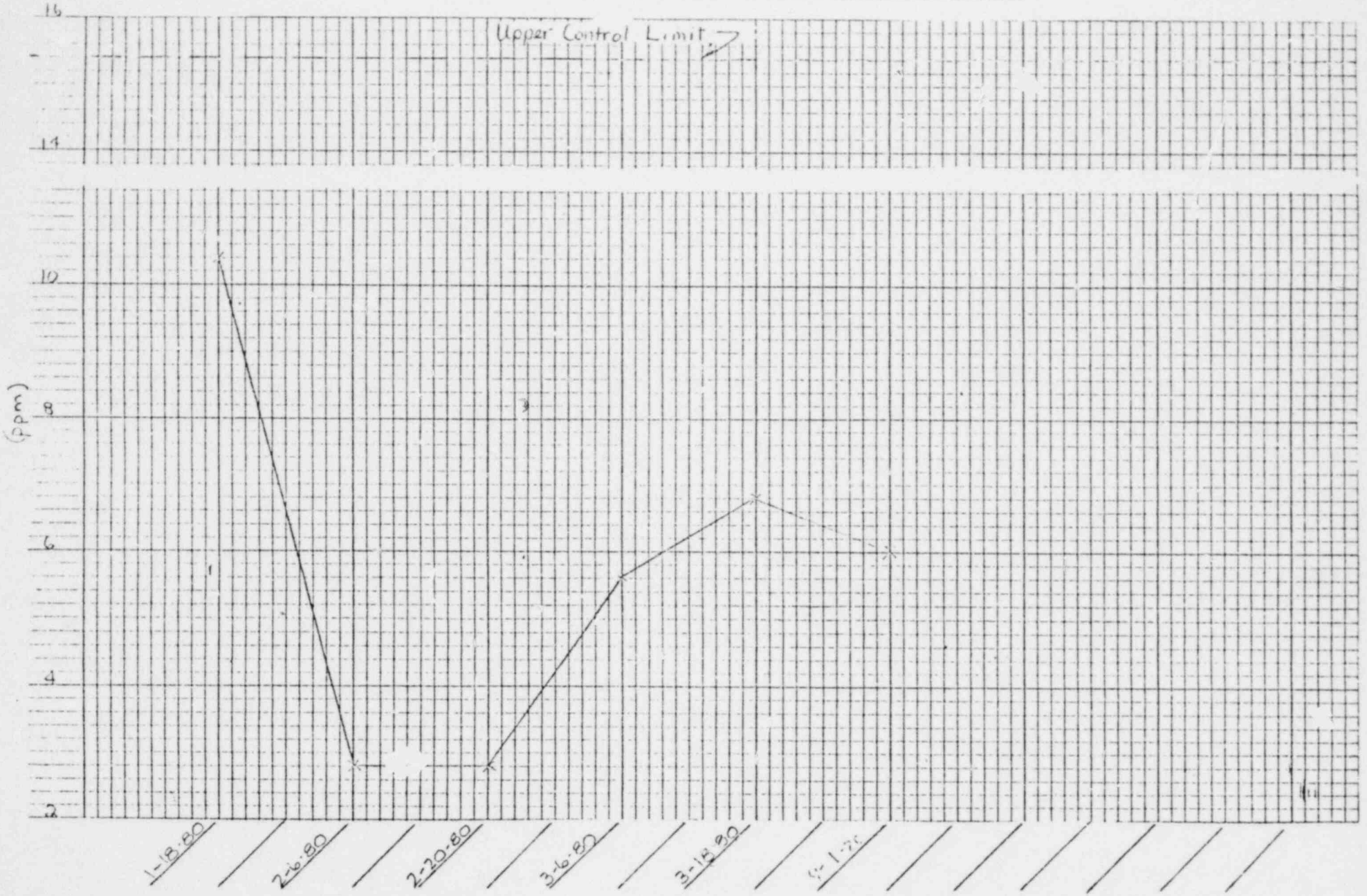
UCL	877.11	15.4	328.53	1	45.58	182.2
Sample Date	Conductivity umhos/cm	Cl^- (ppm)	$SO_4^=$ (ppm)	U (ppm)	Na^+ (ppm)	Alkalinity (as ppm $CaCO_3$)
1-18-80	650	10.4	245	<0.1	36	165
2-6-80	940	2.8	335	<0.1	34	195
	Field analysis - 690					
2-20-80	810	2.8	255	0.11	36	166
3-6-80	700	5.6	265	<0.1	37	116
3-19-80	556	6.8	290	<0.2	37	70
4-1-80	455	7.0	265	<0.2	40	60

WELL NAME : PZ4



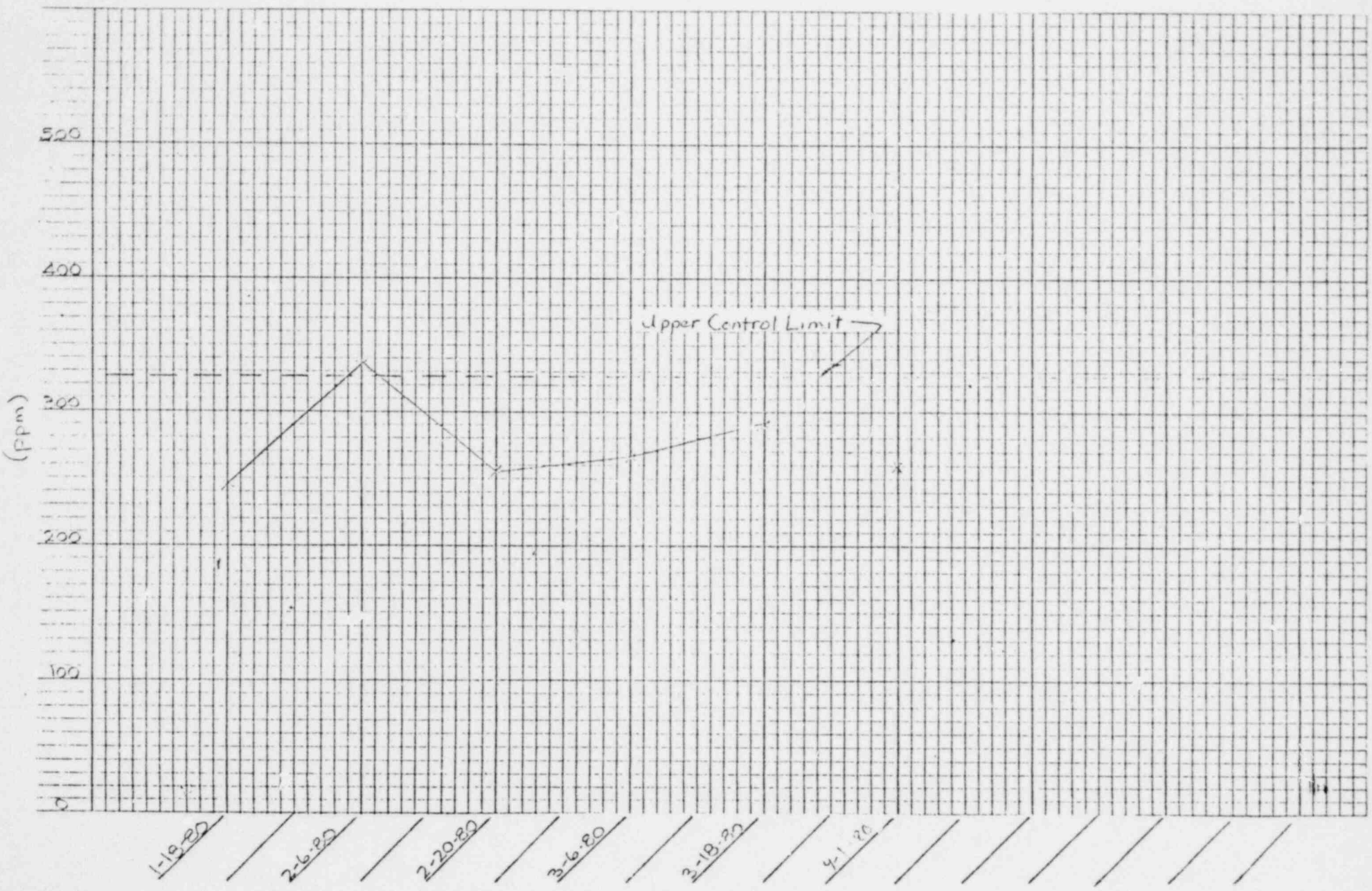
SAMPLE COLLECTION DATE

WELL NAME : _____



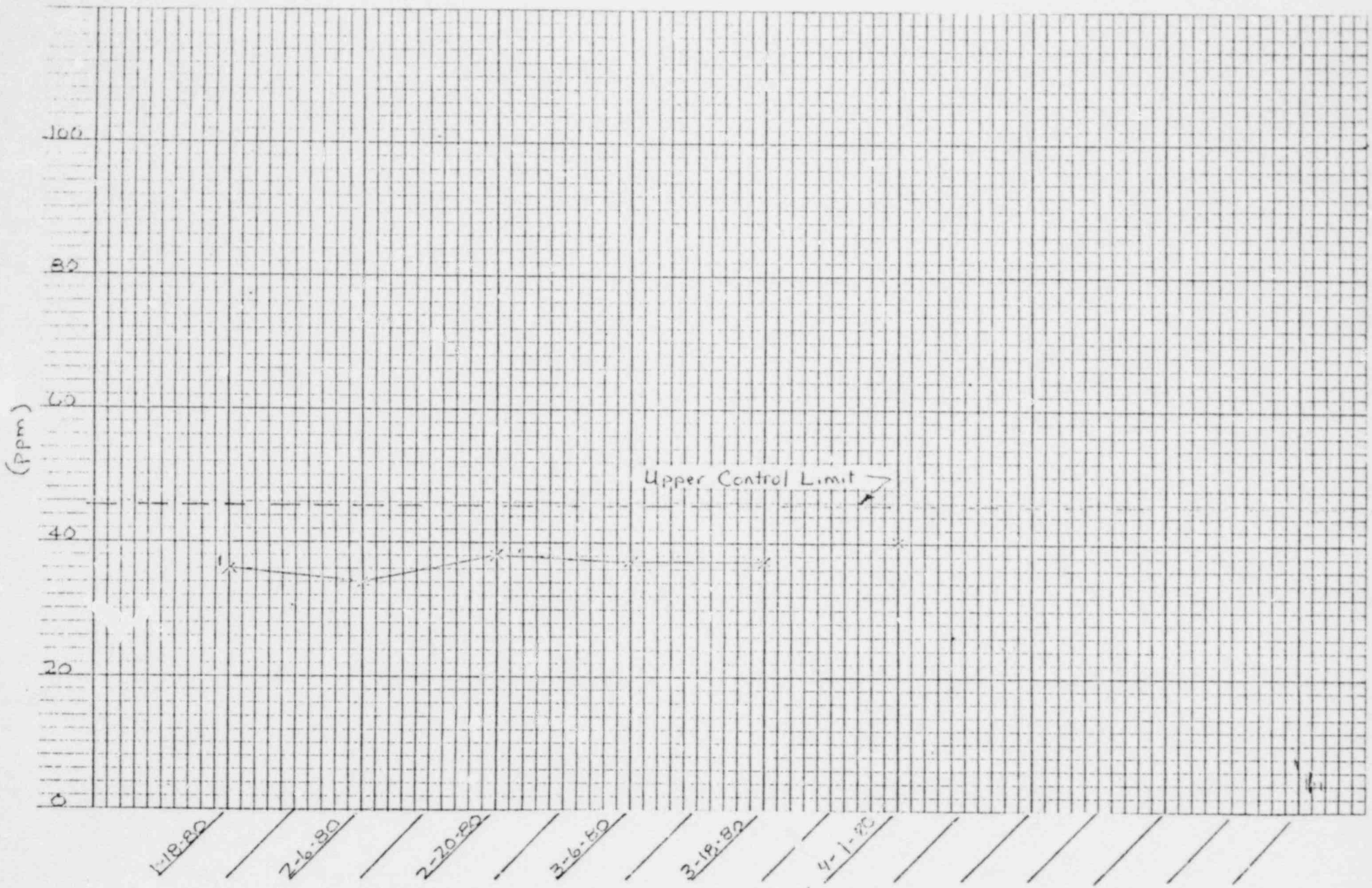
SAMPLE COLLECTION DATE

WELL NAME : _____



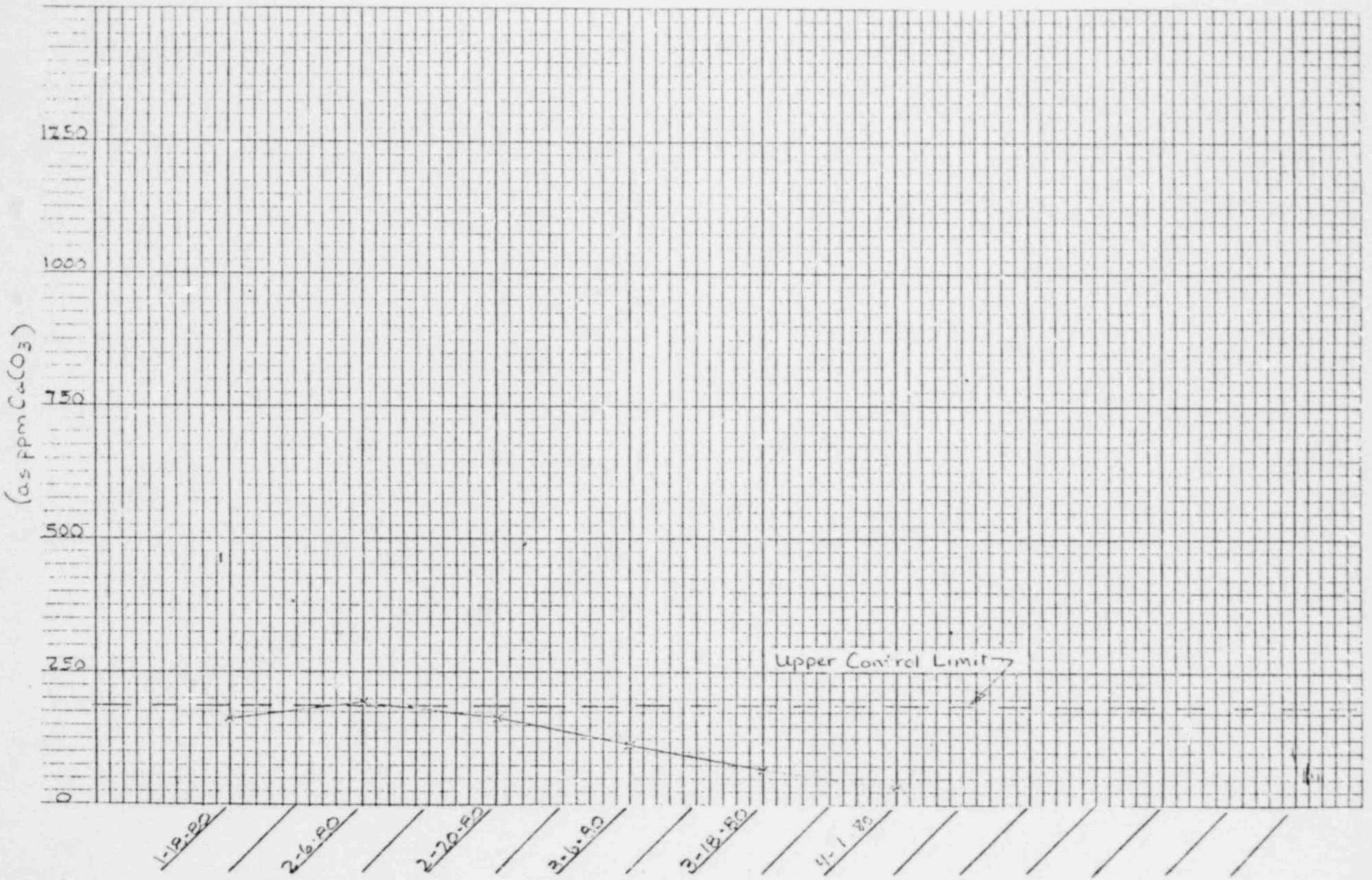
SAMPLE COLLECTION DATE

WELL NAME : B09



SAMPLE COLLECTION DATE

WELL NAME : 309



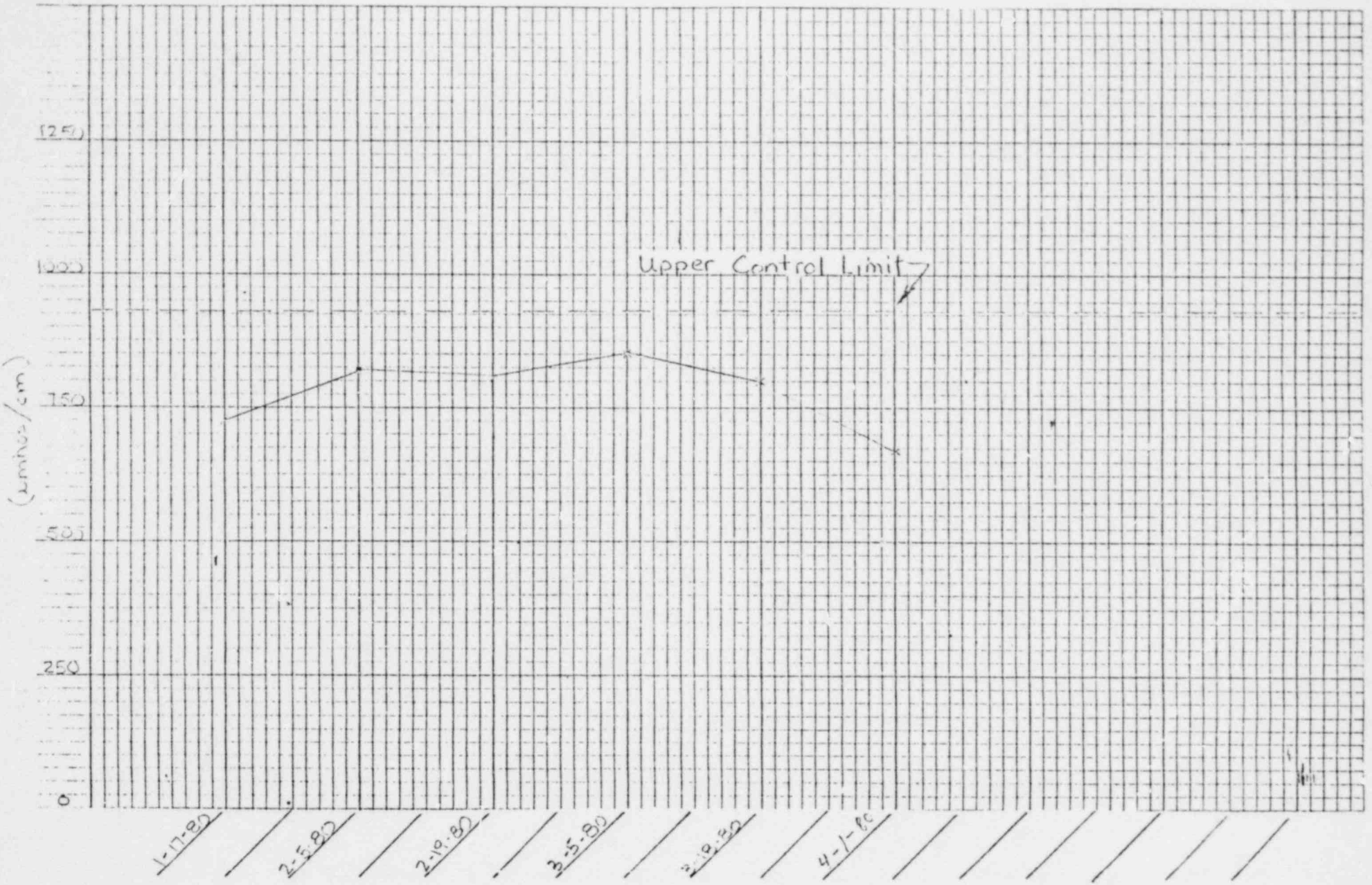
WATER SAMPLES

QUARTERLY REPORT

WELL NAME 313 (N)

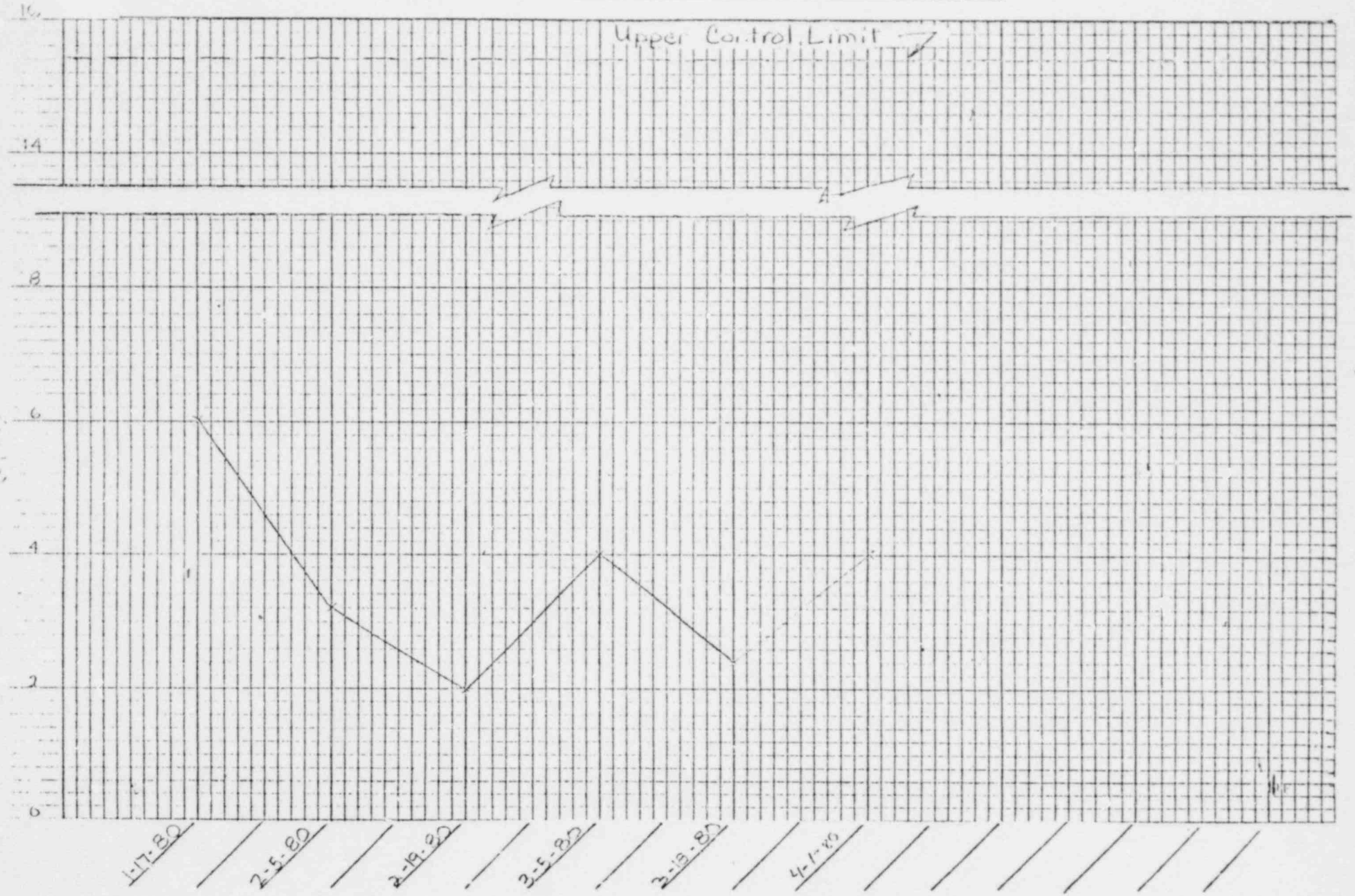
UCL	877.11	15.4	328.16	1	45.58	182.2
[illegible] Date	Conductivity umhos/cm	Cl^- (ppm)	$SO_4^=$ (ppm)	U (ppm)	Na^+ (ppm)	Alkalinity (as ppm $CaCO_3$)
1-17-80	725	6.0	255	<0.1	27	157
2-5-80	820	2.2	300	<0.1	36	149
2-19-80	810	[illegible]	295	<0.1	36	162
3-5-80	850	4.0	305	<0.1	36	160
3-18-80	800	2.4	330	<0.2	40	170
4-1-80	665	4.0	325	<0.2	35	165

WELL NAME : _____

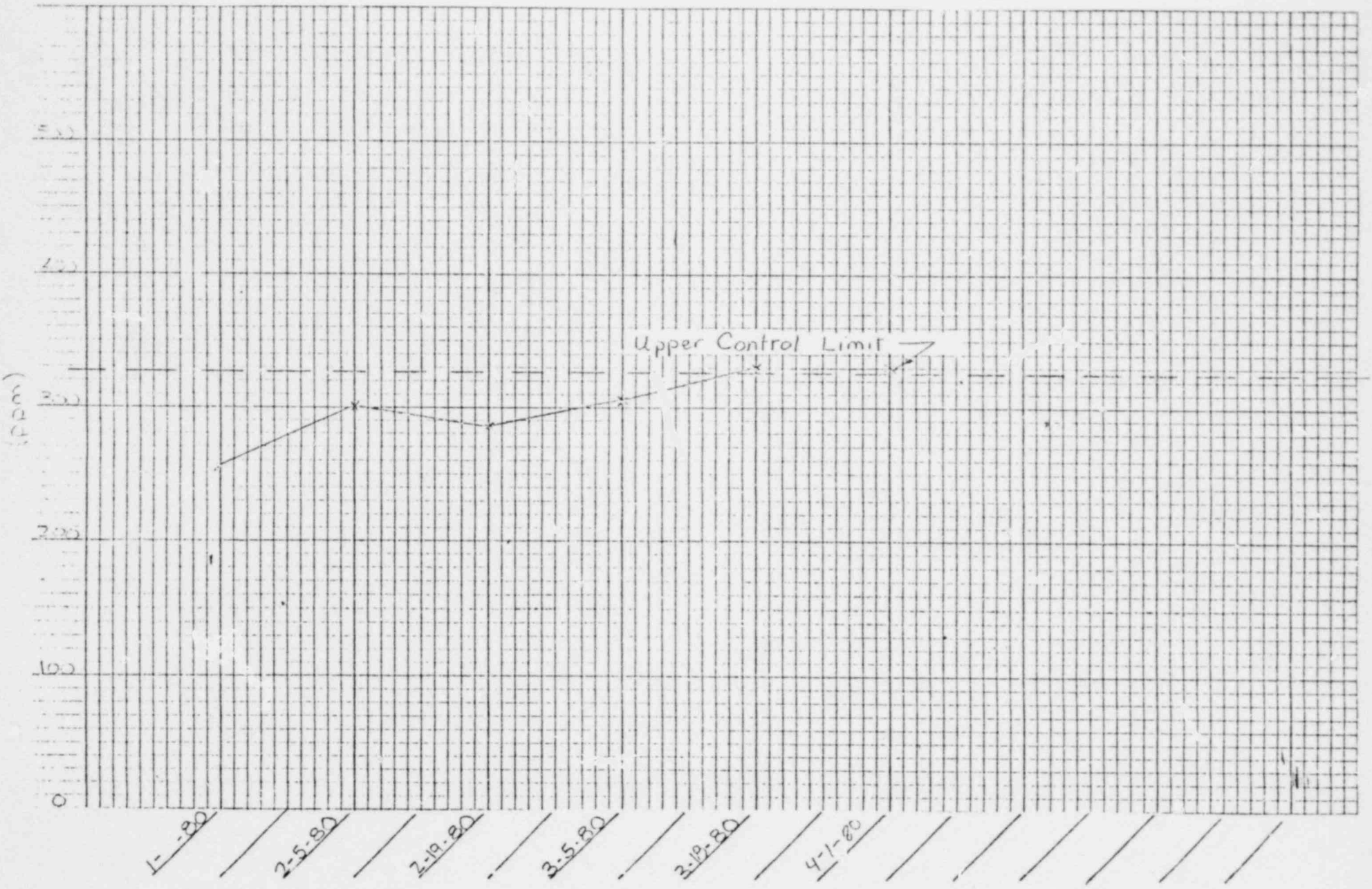


SAMPLE COLLECTION DATE

WELL NAME : _____

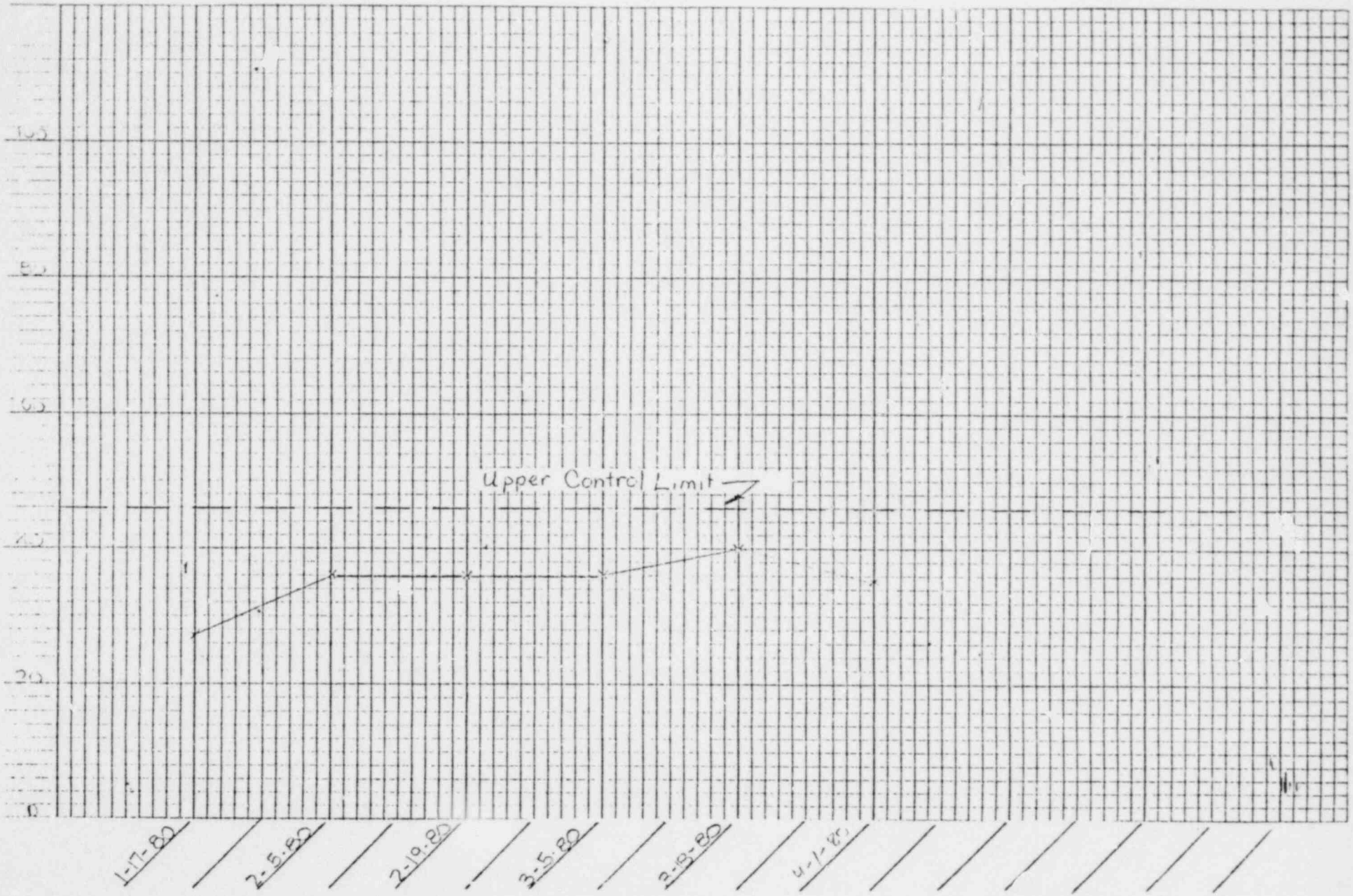

Upper Control Limit
16
14
8
6
4
2
0
1-17-80
2-5-80
2-19-80
3-5-80
3-13-80
4-1-80
Sample Collection Date

WELL NAME : _____



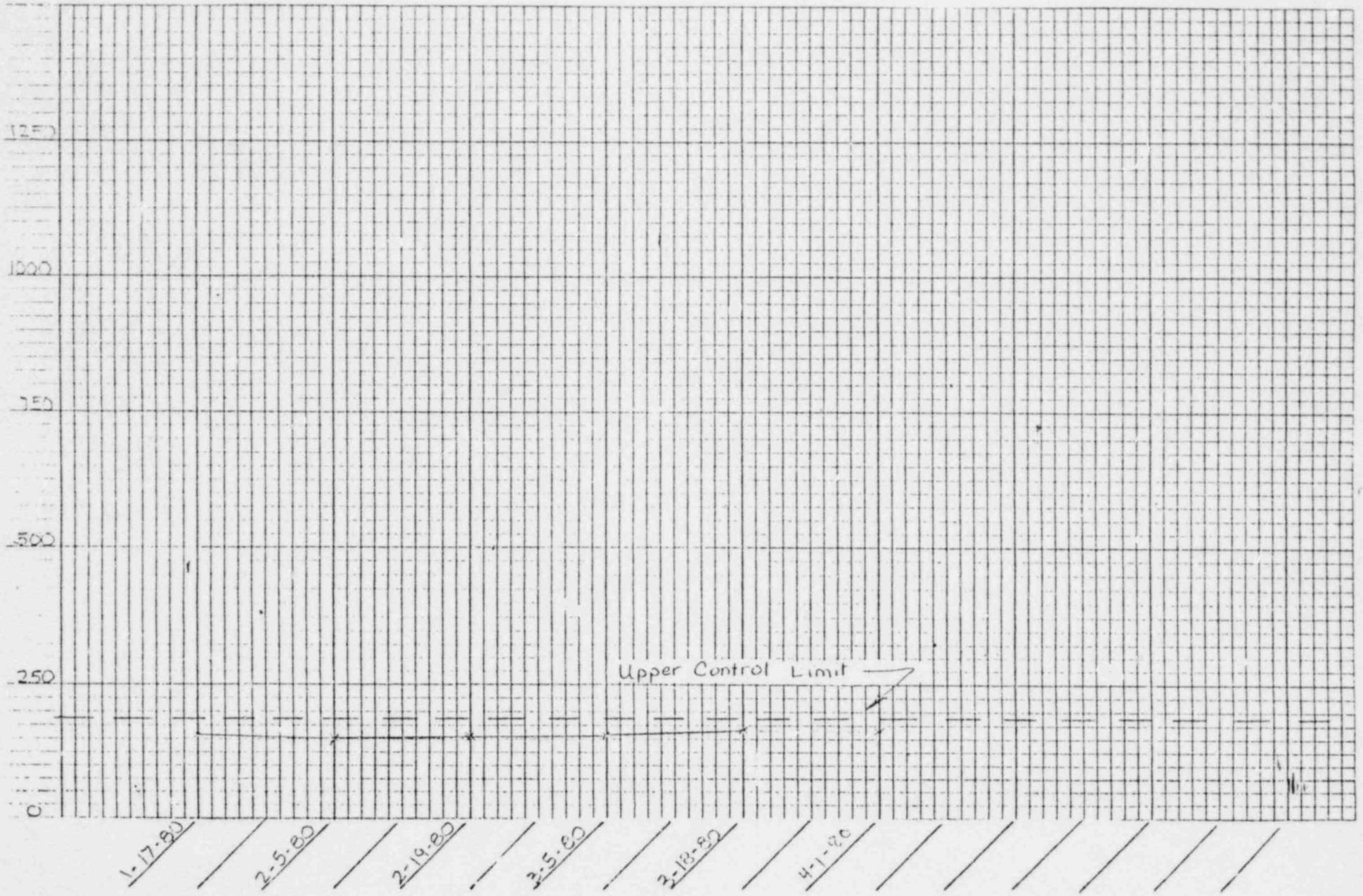
SAMPLE COLLECTION DATE

WELL NAME : _____



SAMPLE COLLECTION DATE

WELL NAME : MW3



SAMPLE COLLECTION DATE

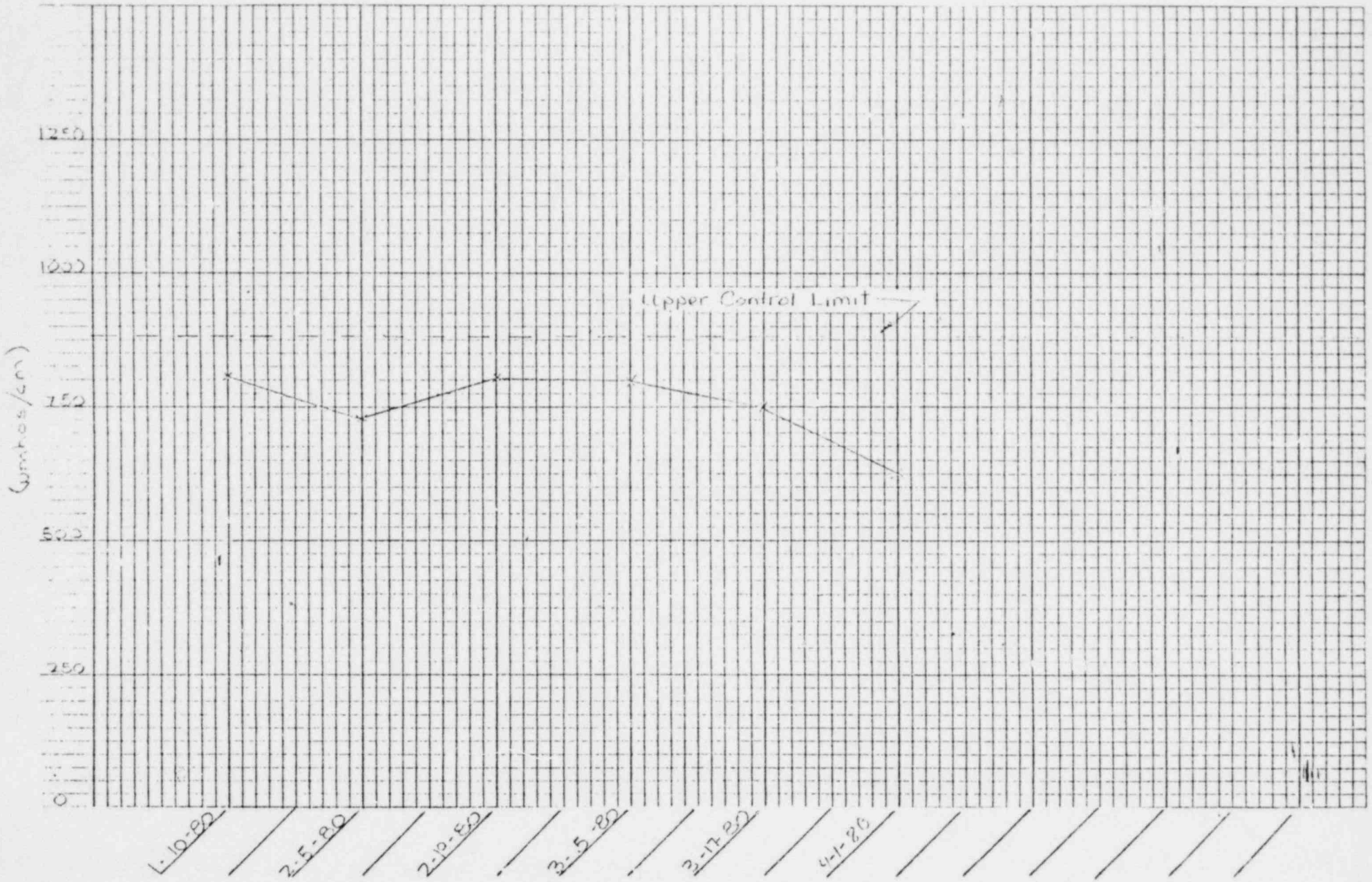
WATER SAMPLES

QUARTERLY REPORT

WELL NAME 320 (N)

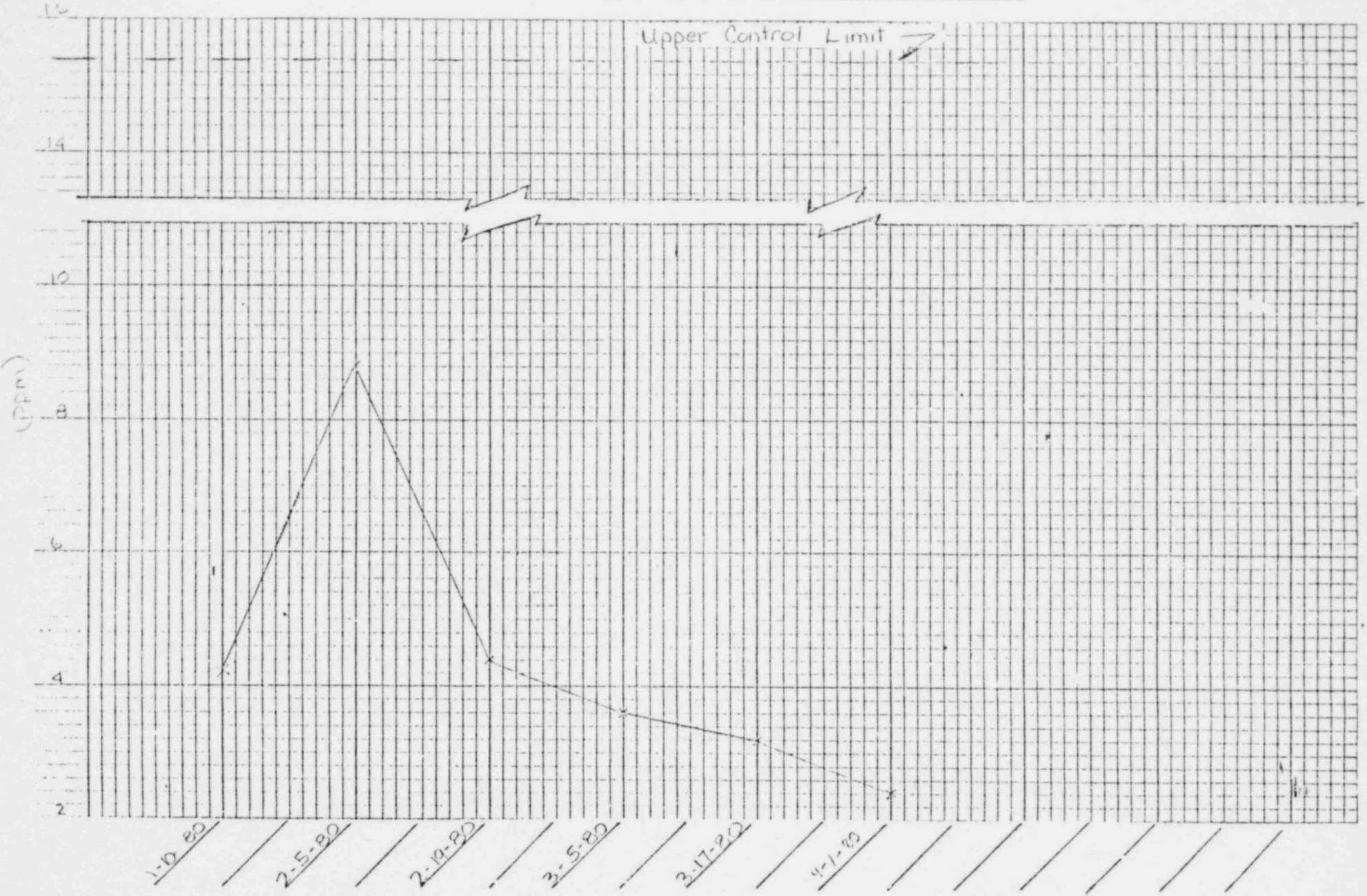
Sampling Date	Conductivity umhos/cm	Cl^- (ppm)	$SO_4^=$ (ppm)	U (ppm)	Na^+ (ppm)	Alkalinity (as ppm $CaCO_3$)
U.C.L.	8.7 11	15.4	328.53	1	45.58	182.2
1-10-80	810	4.2	205	<0.1	34	159
2-5-80	725	8.8	250	<0.1	38	164
2-19-80	805	4.4	275	<0.1	38	160
3-5-80	800	3.6	260	<0.1	35	166
[illegible]	[illegible]	3.2	270	<0.2	34	170
4-1-80	875	2.4	[illegible]	<.2	34	164

WELL NAME: 320



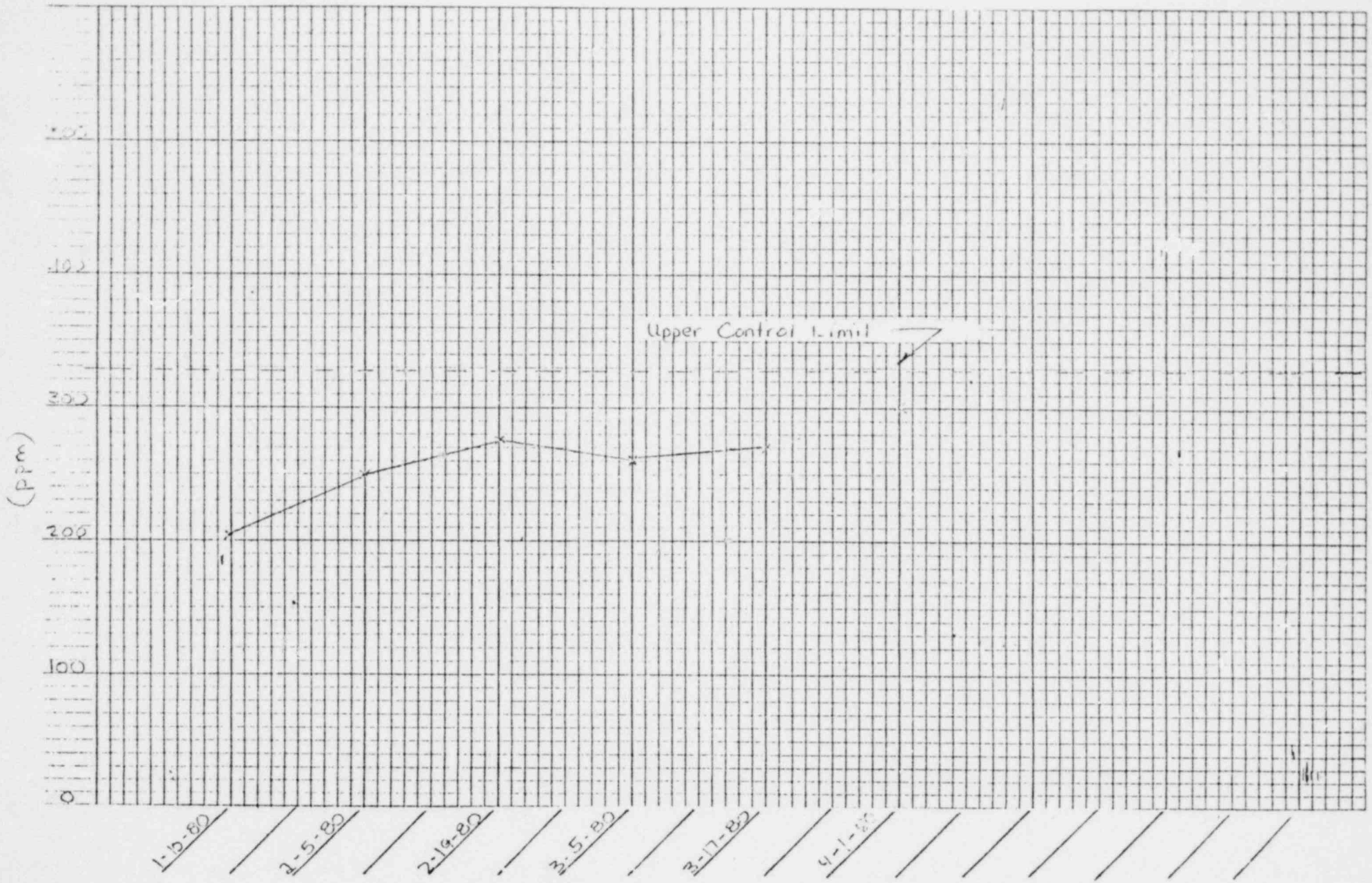
SAMPLE COLLECTION DATE

WELL NAME: _____ 32-1



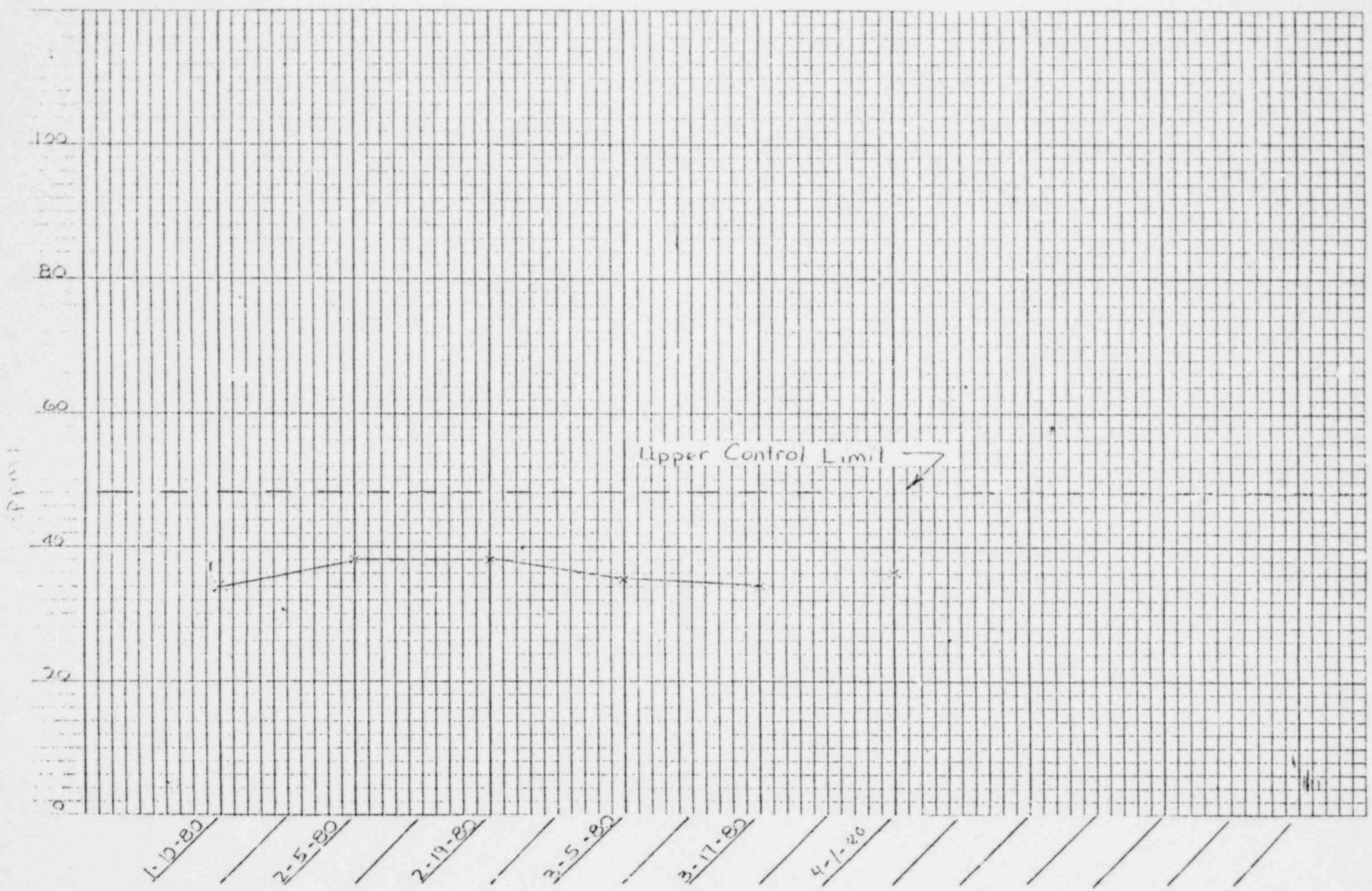
SAMPLE COLLECTION DATE

WELL NAME : 320



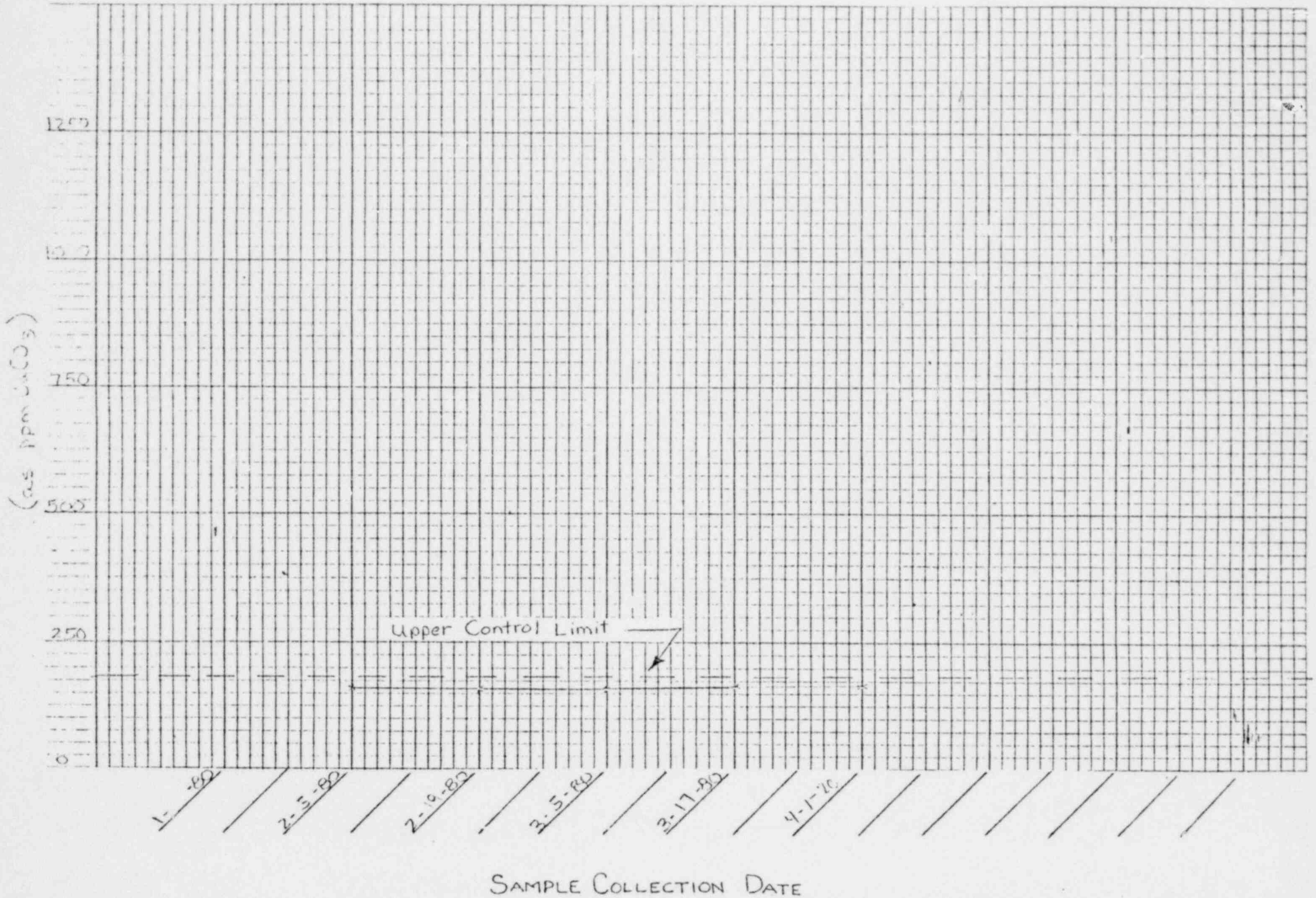
SAMPLE COLLECTION DATE

WELL NAME: 320



SAMPLE COLLECTION DATE

WELL NAME : B20



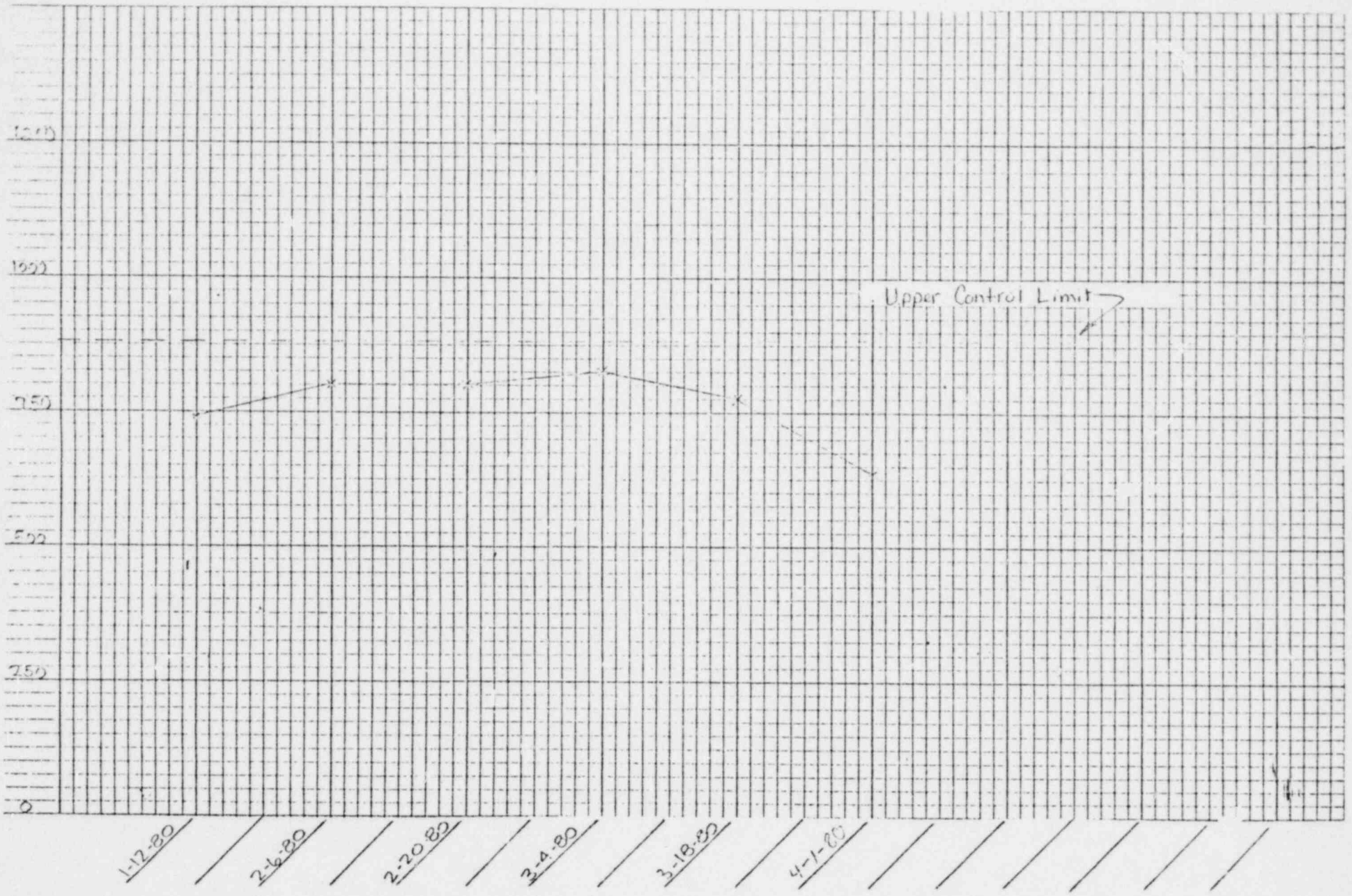
WATER SAMPLES

QUARTERLY REPORT

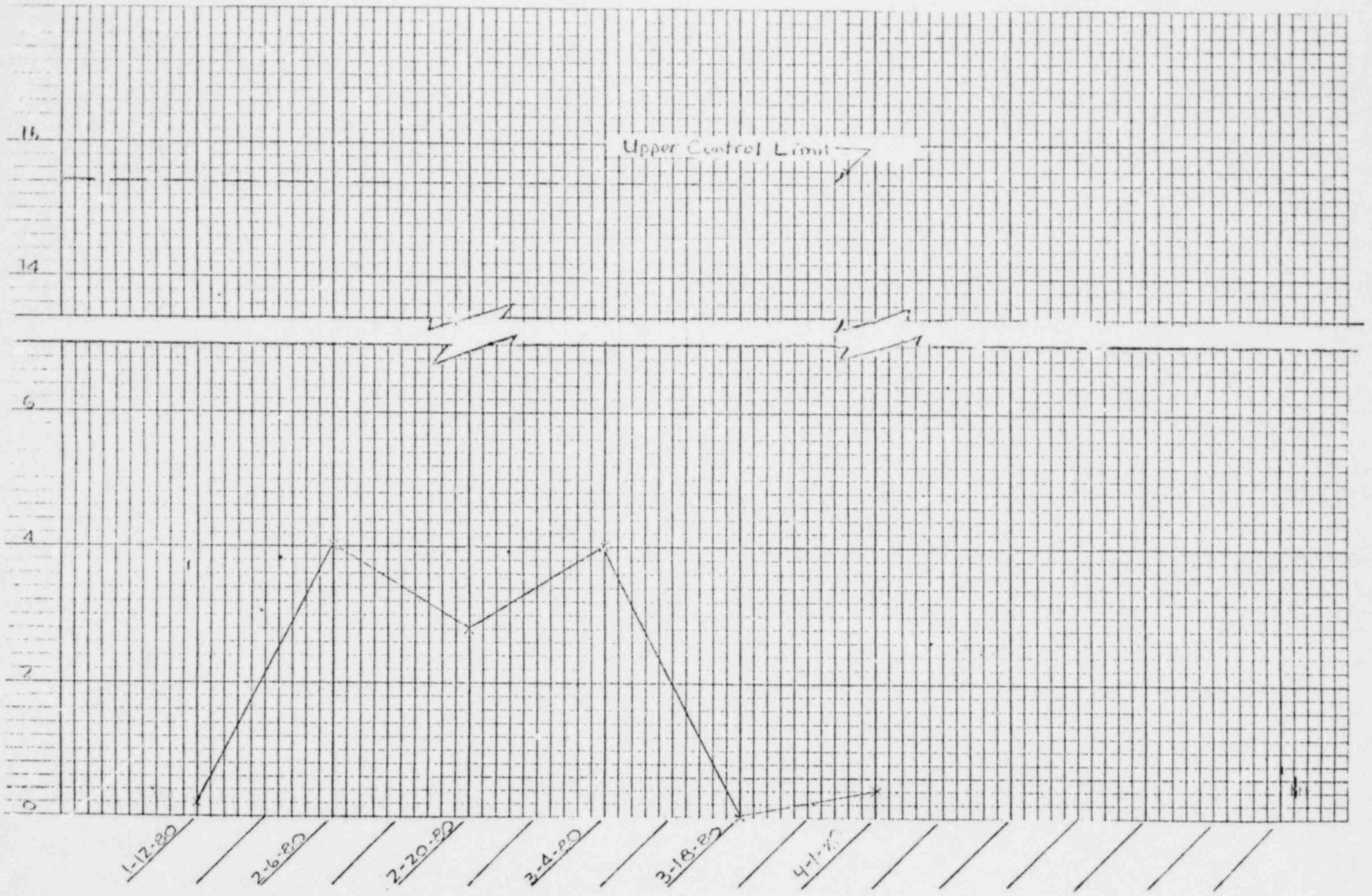
WELL NAME N-M-1 (N)

UCL	877.11	15.4	328.53	1	45.58	182.2
[illegible] Date	Conductivity umhos/cm	Cl^- (ppm)	$SO_4^=$ (ppm)	U (ppm)	Na^+ (ppm)	Alkalinity (as ppm $CaCO_3$)
1-17-80	740	0.2	210	<0.1	35	120
2-6-80	800	<.0	260	<0.1	38.	183
[illegible]	[illegible]	[illegible]	285	<0.1	38	150
3-4-80	825	4.0	240	<0.1	26	130
3-19-80	775	0	310	<0.2	38	160
4-1-80	635	.4	310	<0.2	46	114

WELL NAME: N-M-1

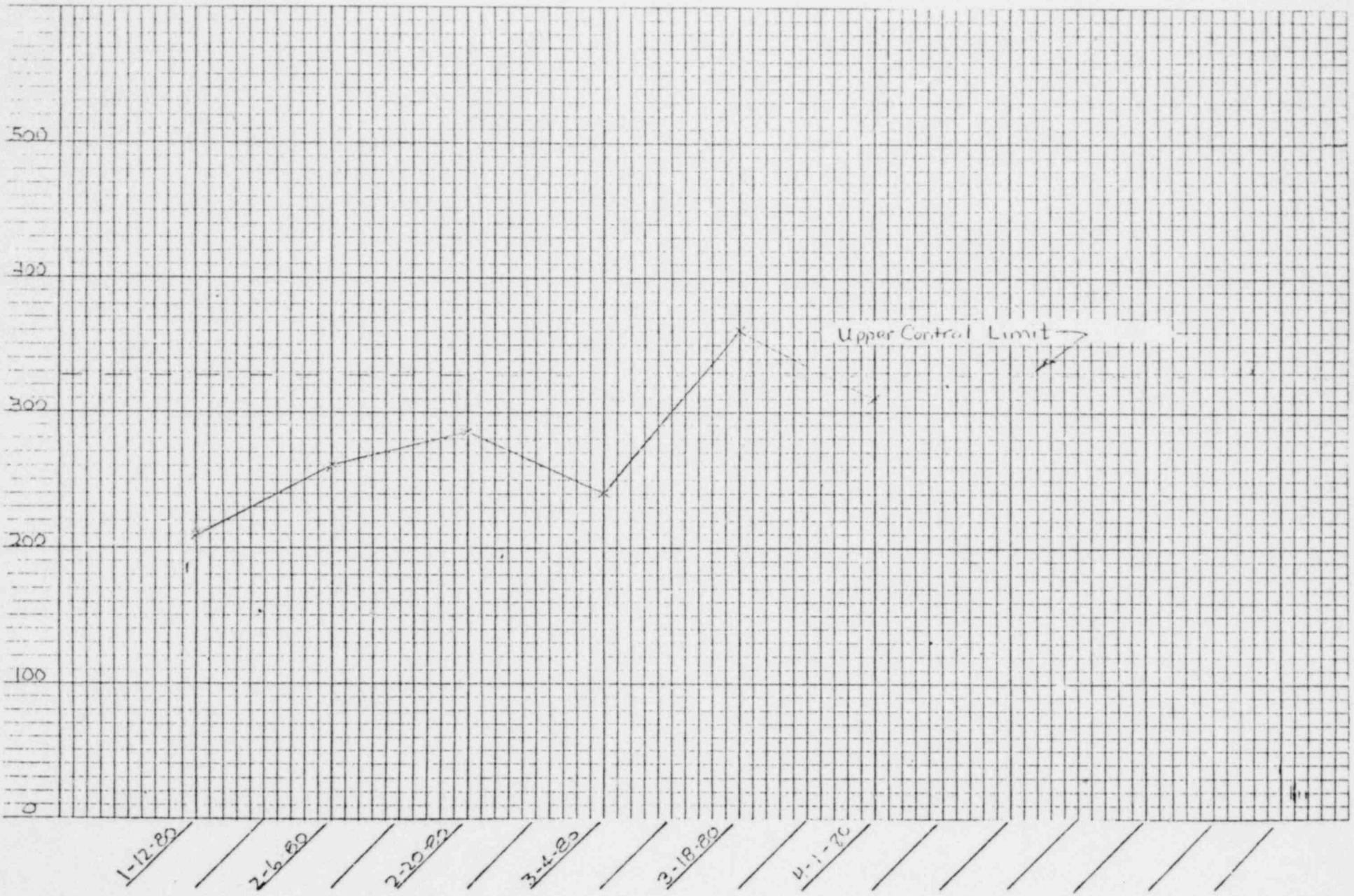


WELL NAME: M-M-1



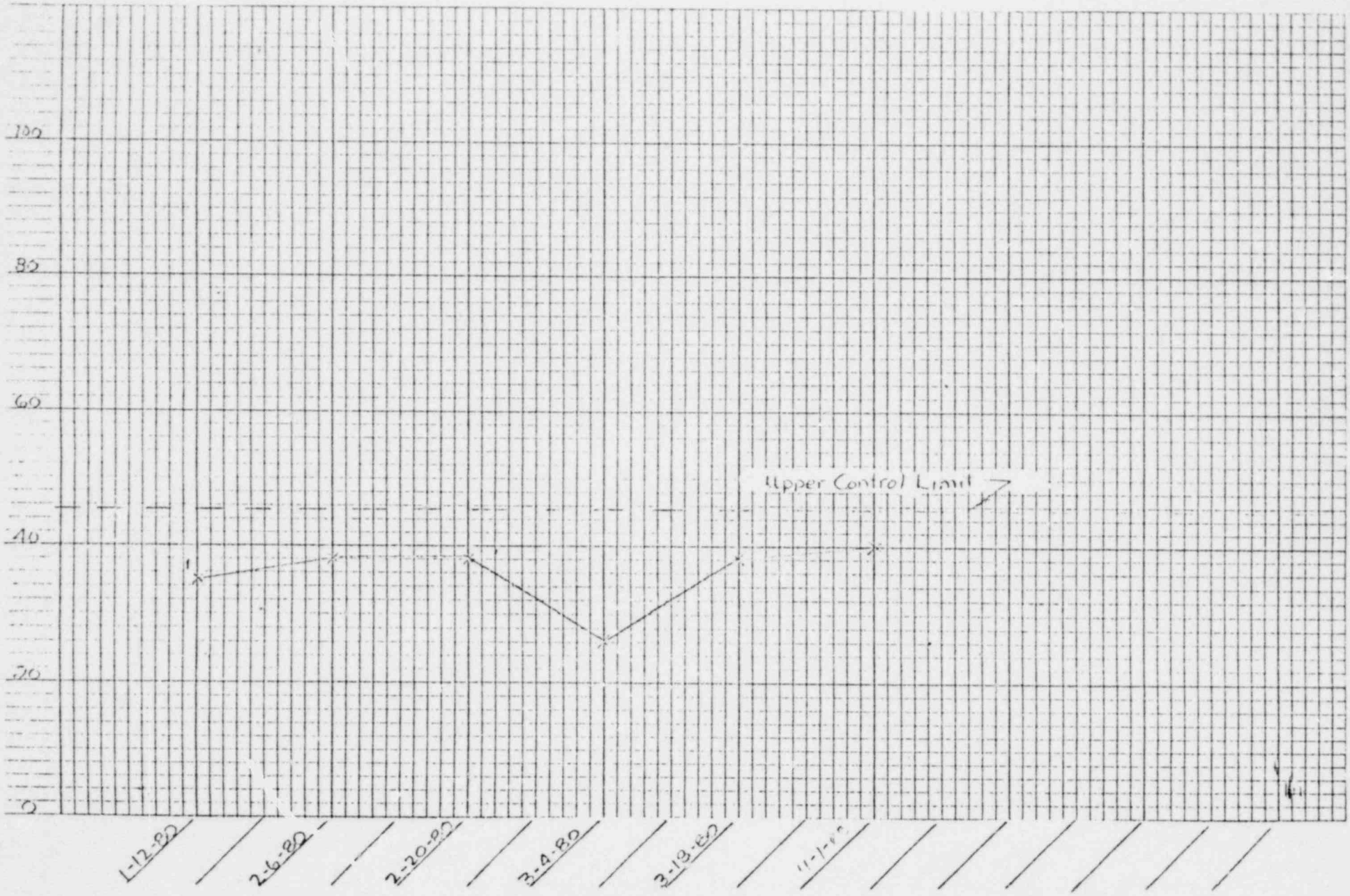
SAMPLE COLLECTION DATE

WELL NAME : 11-14-1



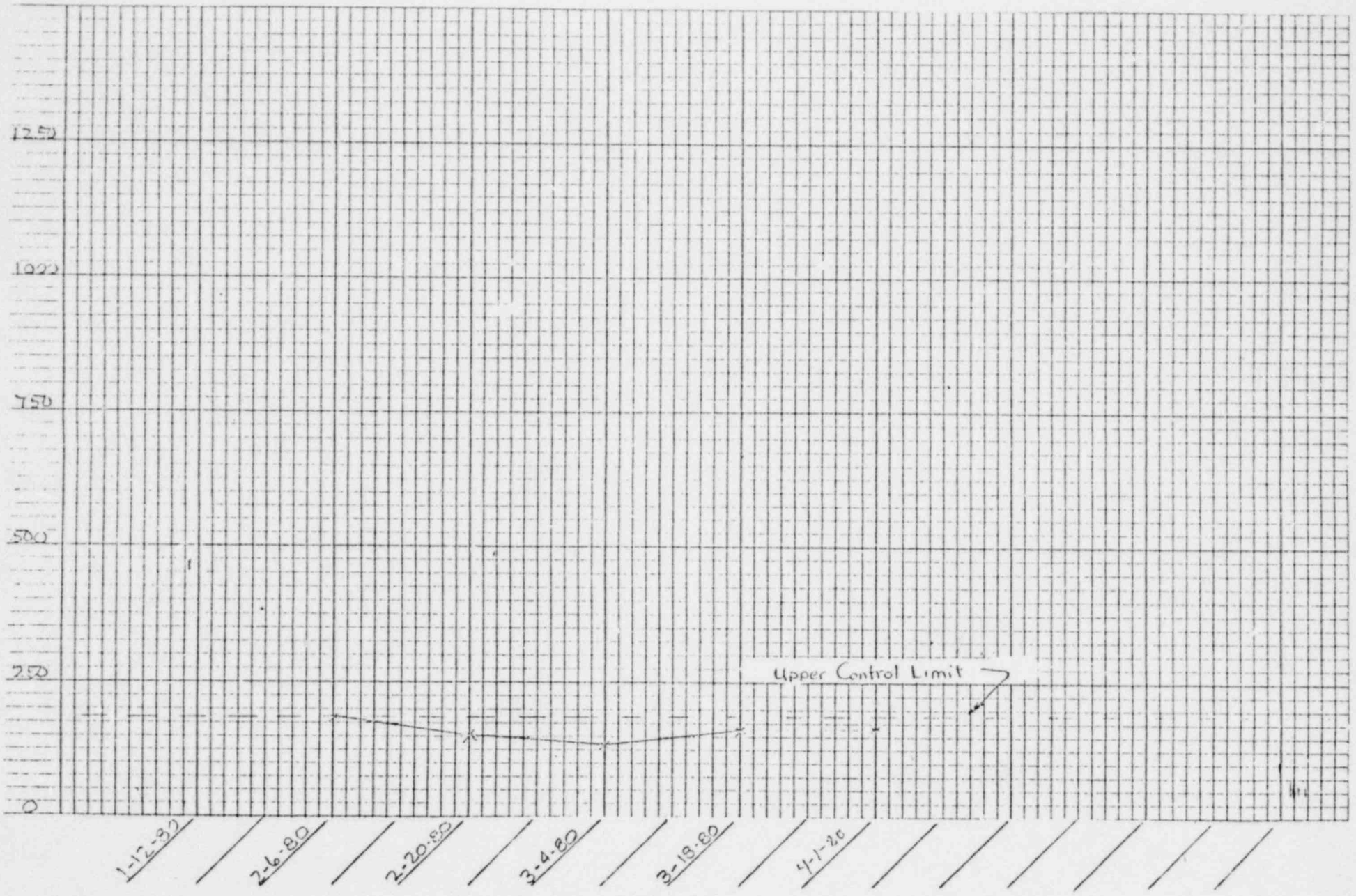
SAMPLE COLLECTION DATE

WELL NAME : MW-1



SAMPLE COLLECTION DATE

WELL NAME : MW1



SAMPLE COLLECTION DATE

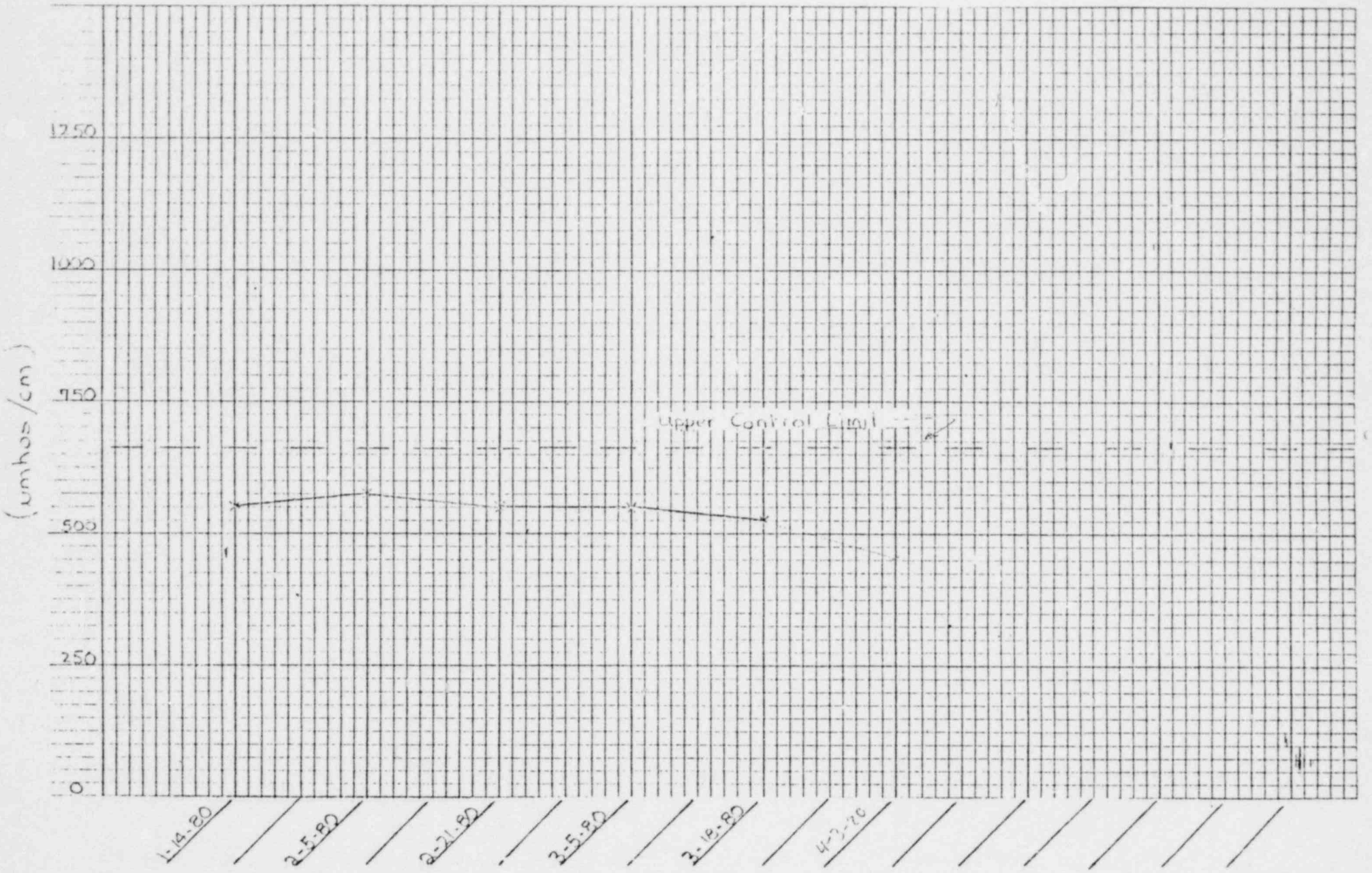
WATER SAMPLES

QUARTERLY REPORT

WELL NAME 305 (M)

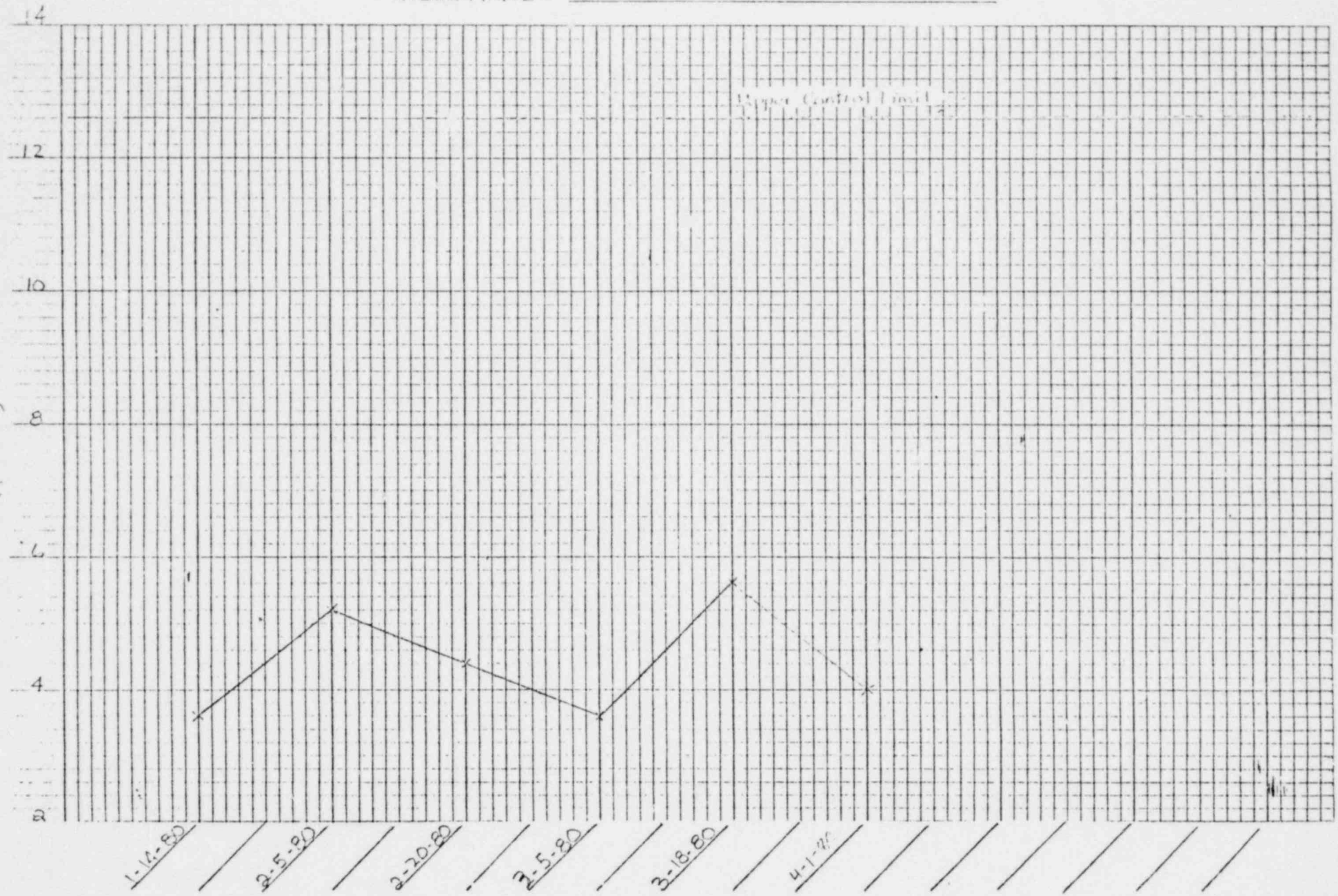
WL	657.13	12.62	59.86	1	32.77	229.73
Sample ID Date -	Conductivity umhos/cm	Cl^- (ppm)	$SO_4^=$ (ppm)	U (ppm)	Na^+ (ppm)	Alkalinity (as ppm $CaCO_3$)
1-14-80	550	3.6	85	<0.1	26	172
2-5-80	575	5.2	75	<.1	28	187
2-20-80	550	4.4	100	<0.1	28	176
3-5-80	550	3.6	95	<0.1	27	194
3-18-80	525	5.6	100	<0.2	29	180
4-3-80	455	4.0	95	<0.2	26	194

WELL NAME: 305



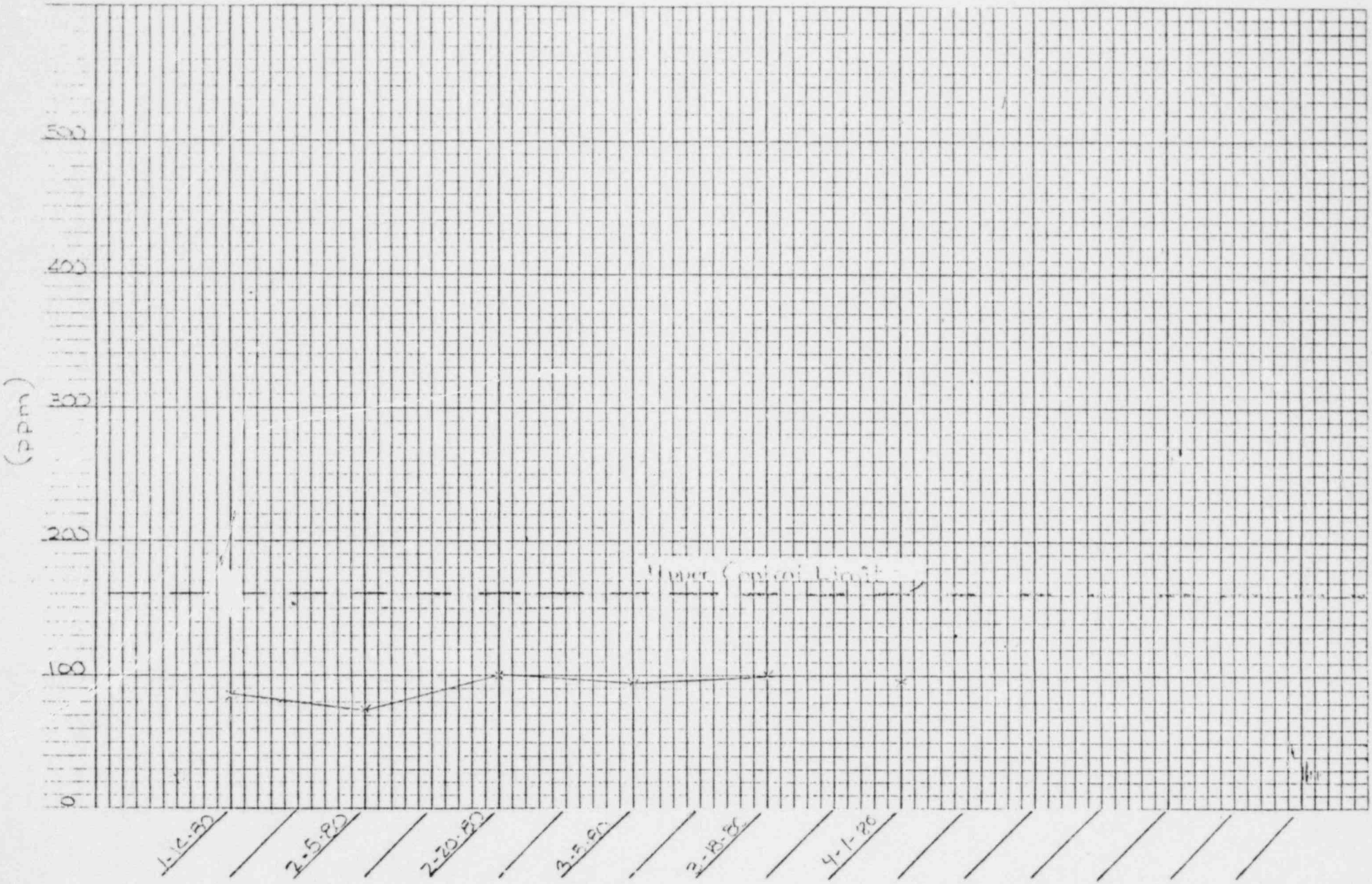
SAMPLE COLLECTION DATE

WELL NAME : 305



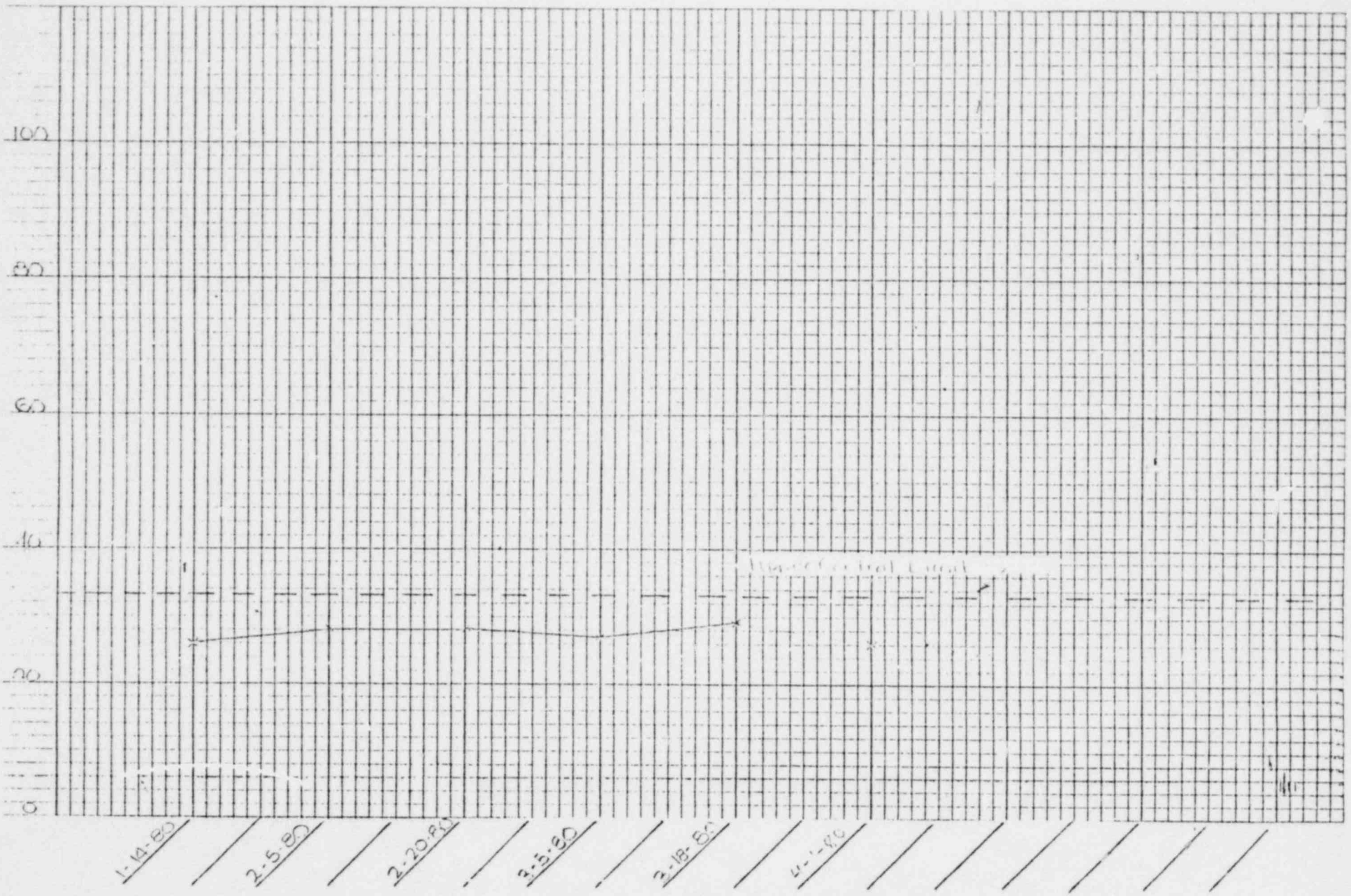
SAMPLE COLLECTION DATE

WELL NAME : _____



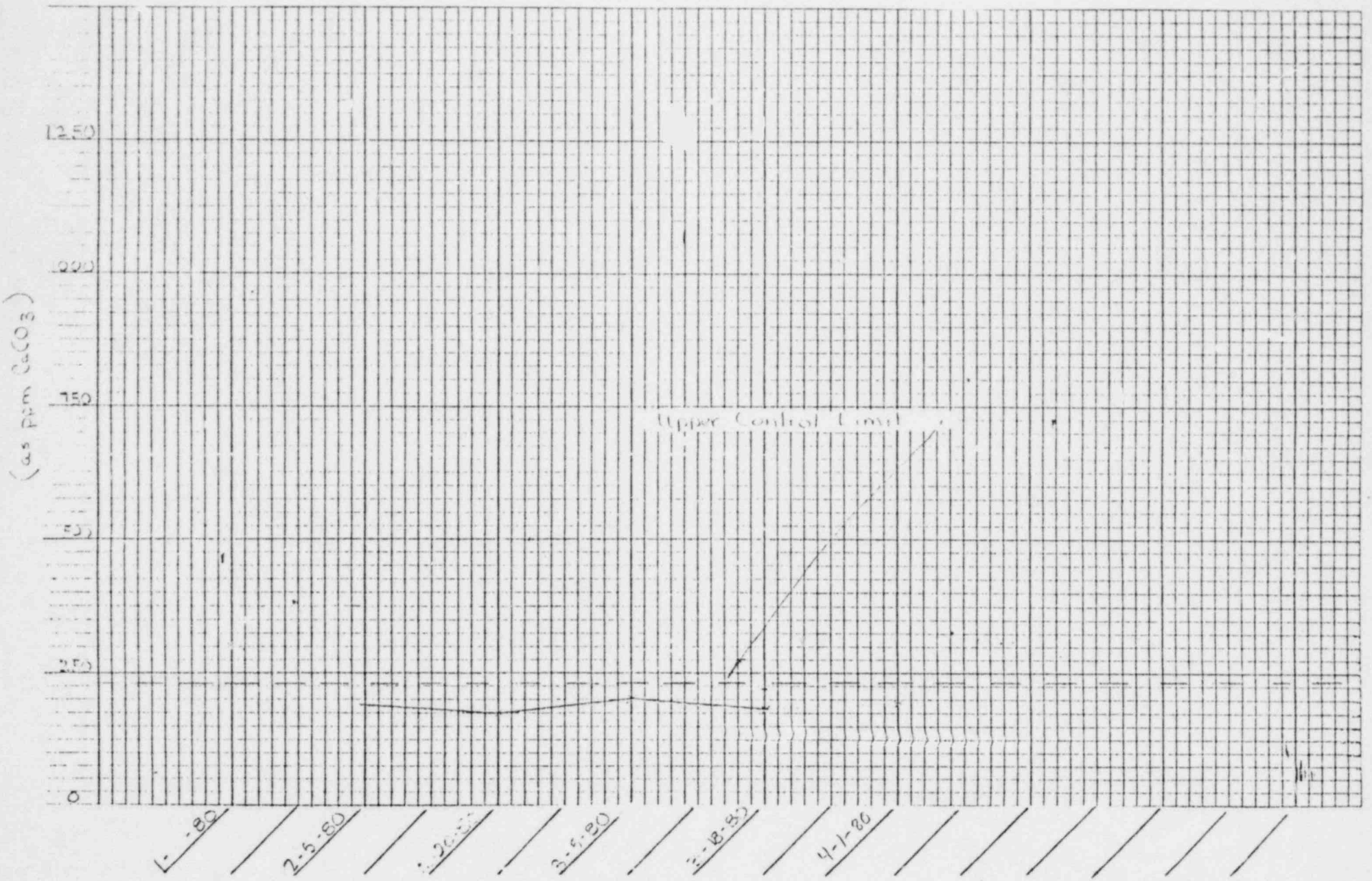
SAMPLE COLLECTION DATE

WELL NAME : _____



SAMPLE COLLECTION DATE

WELL NAME : _____



SAMPLE COLLECTION DATE

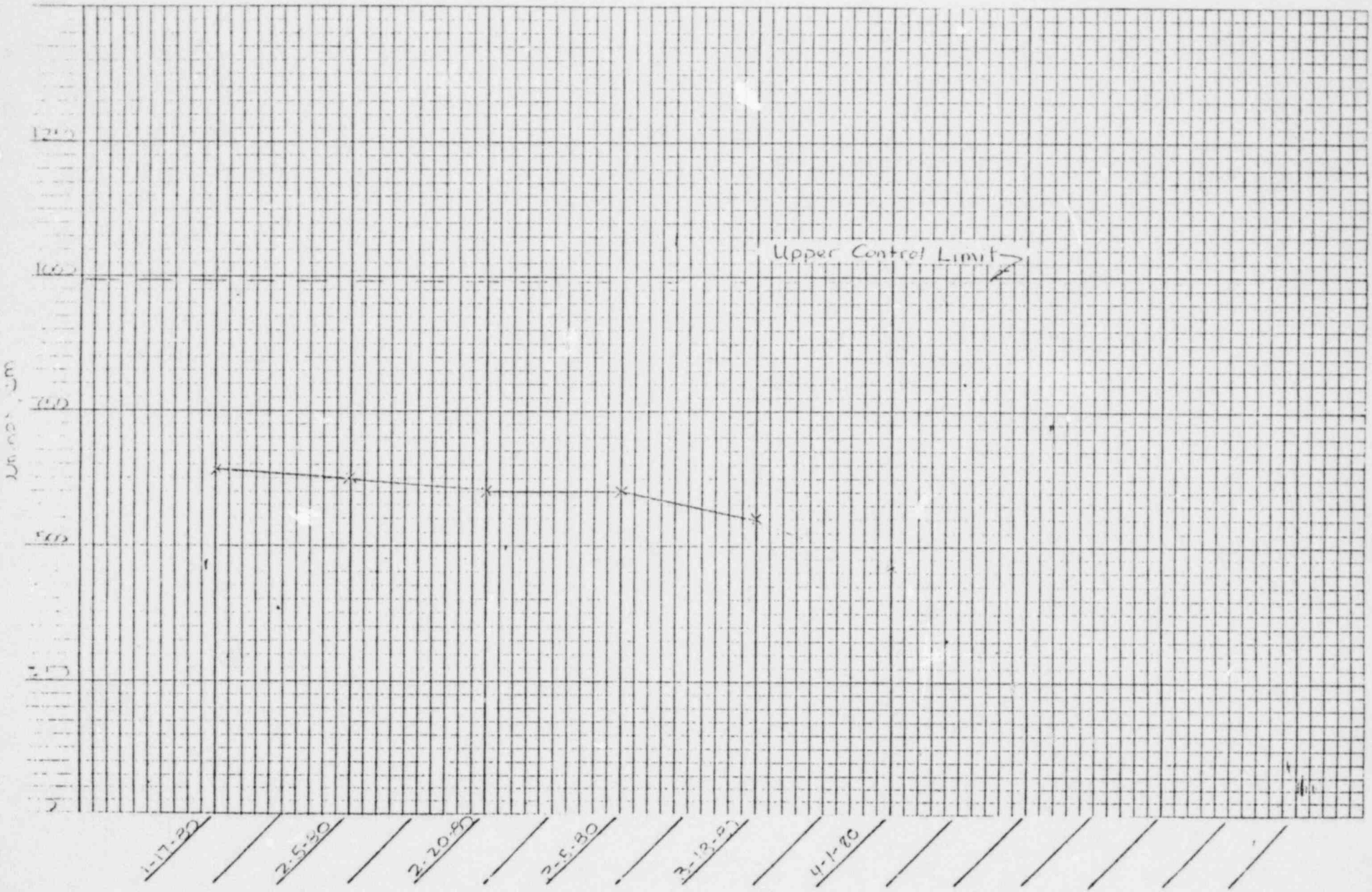
WATER SAMPLES

QUARTERLY REPORT

WELL NAME 575 (M)

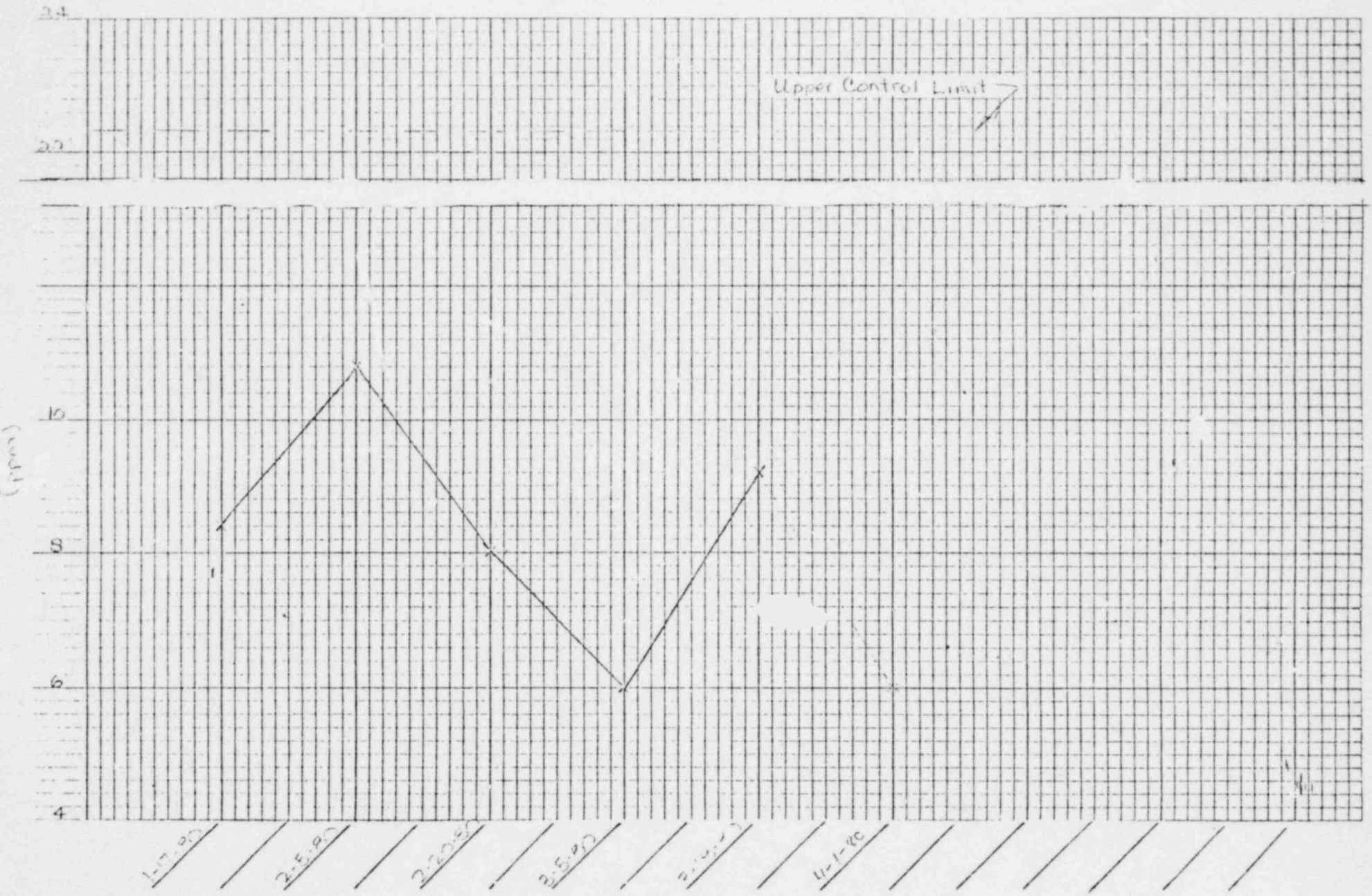
UCL	993	22.32	327.3	1	45.58	229.73
Date	Conductivity umhos/cm	Cl^- (ppm)	$SO_4^=$ (ppm)	U (ppm)	Na^+ (ppm)	Alkalinity (as ppm $CaCO_3$)
	642	8.4	80	<0.1	23	182
1-17-80						
	625	10.8	110	<0.1	28	182
2-5-80						
	610	8.0	115	<0.1	27	174
2-20-80						
	600	6.0	95		28	190
3-5-80						
	550	9.2	116	<0.2	29	192
3-18-80						
	455	6.0	100	<0.2	25	176
4-1-80						

WELL NAME : _____



SAMPLE COLLECTION DATE

WELL NAME : _____



SAMPLE COLLECTION DATE

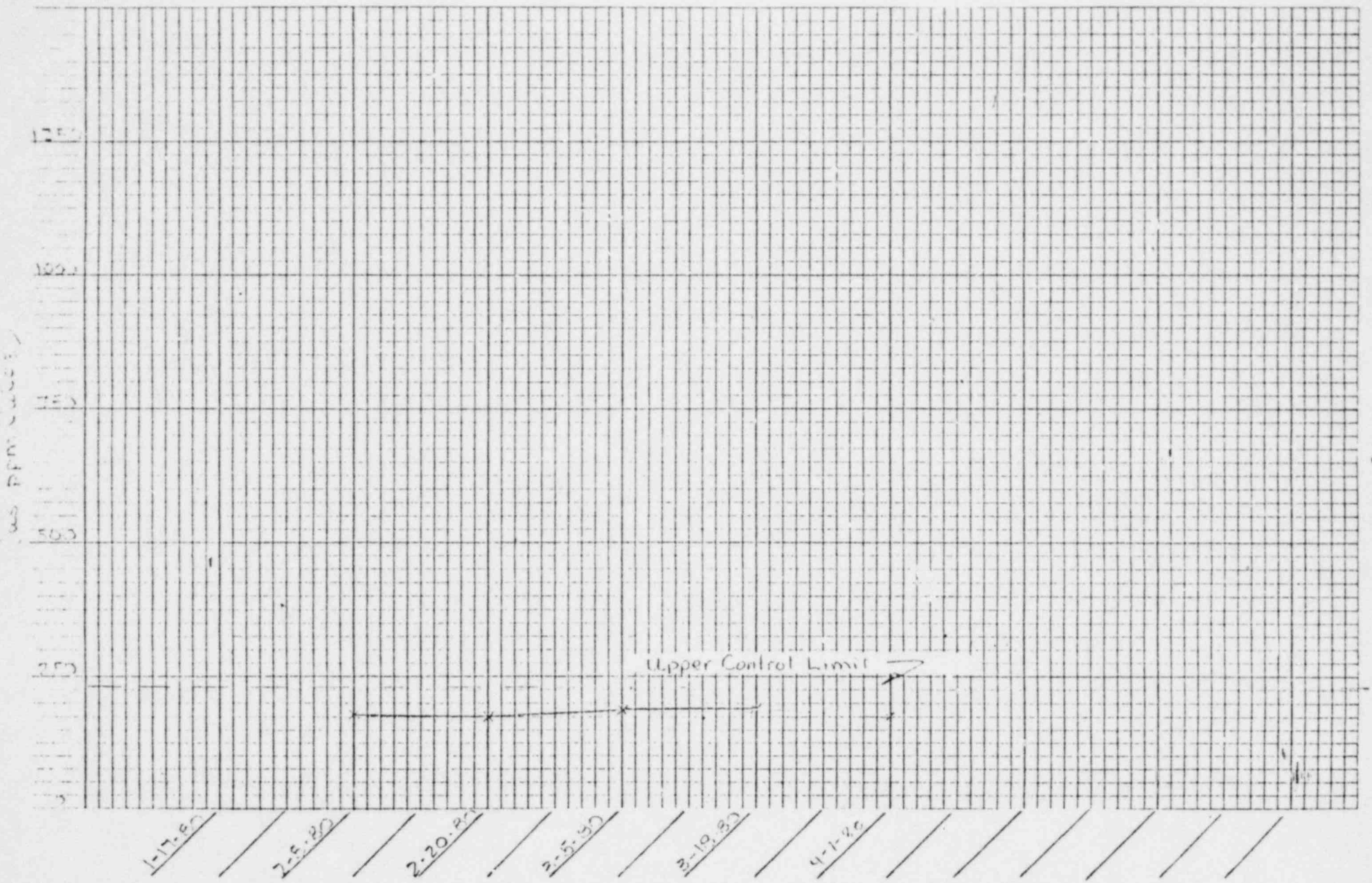
WELL NAME : _____

SAMPLE COLLECTION DATE

WELL NAME: 595

SAMPLE COLLECTION DATE

WELL NAME: _____ EME _____



SAMPLE COLLECTION DATE

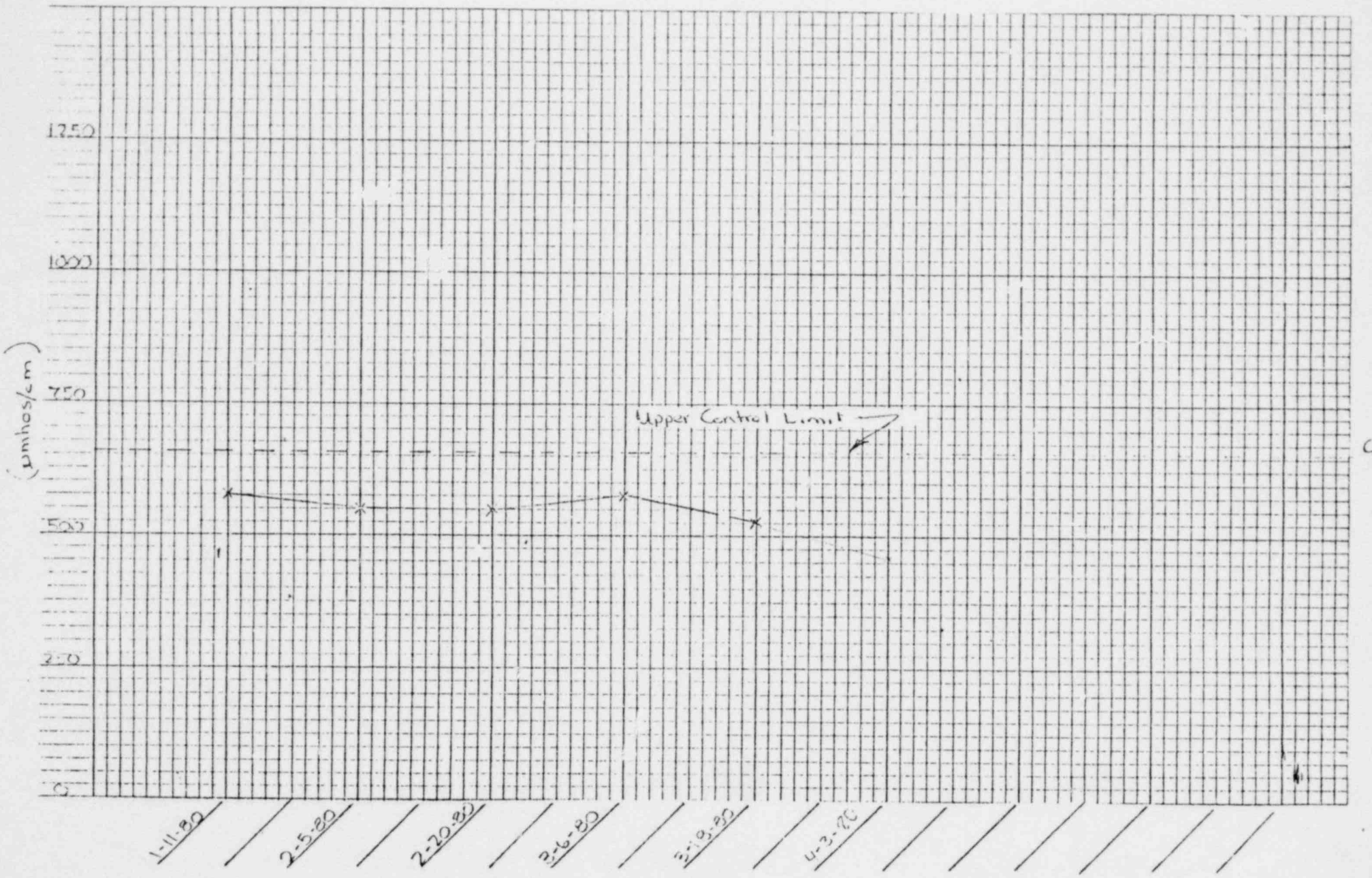
WATER SAMPLES

QUARTERLY REPORT

WELL NAME (T-00-1 (M)

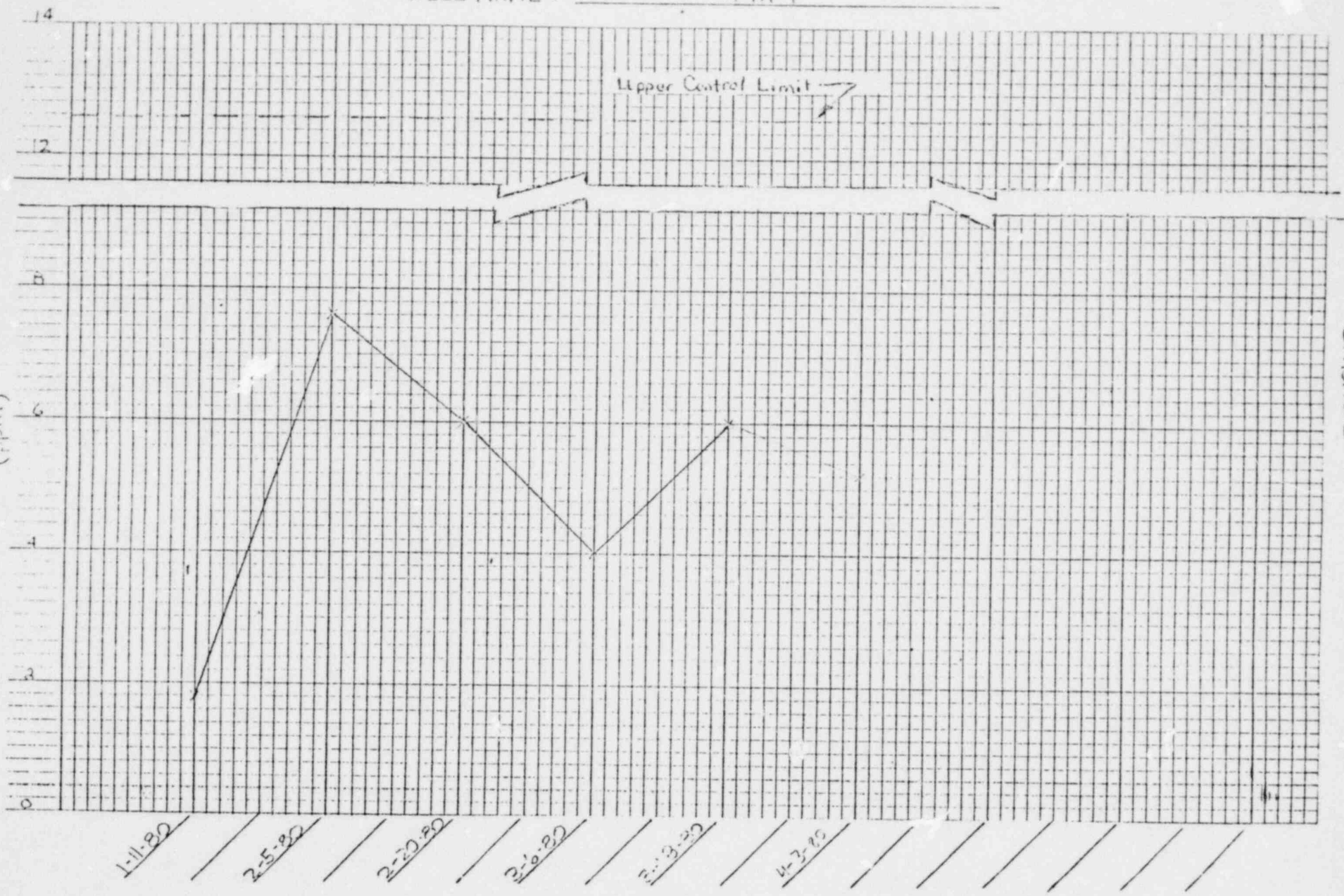
UCL	657.13	12.62	159.86	1	32.77	229.73
Sampling Date	Conductivity umhos/cm	Cl^- (ppm)	$SO_4^=$ (ppm)	U (ppm)	Na^+ (ppm)	Alkalinity (as ppm $CaCO_3$)
	575	1.8	100	<0.1	25	175
1-11-80						
	550	7.6	85	<0.1	25	180
2-5-80						
	550	6.0	100	<0.1	30	178
2-22-80						
	575	4.0	125	<0.1	28	194
3-6-80						
	525	6.0	110	<0.2	30	190
3-19-80						
	410	5.0	105	<0.2	26	220
4-3-80						

WELL NAME : TO-TO-1



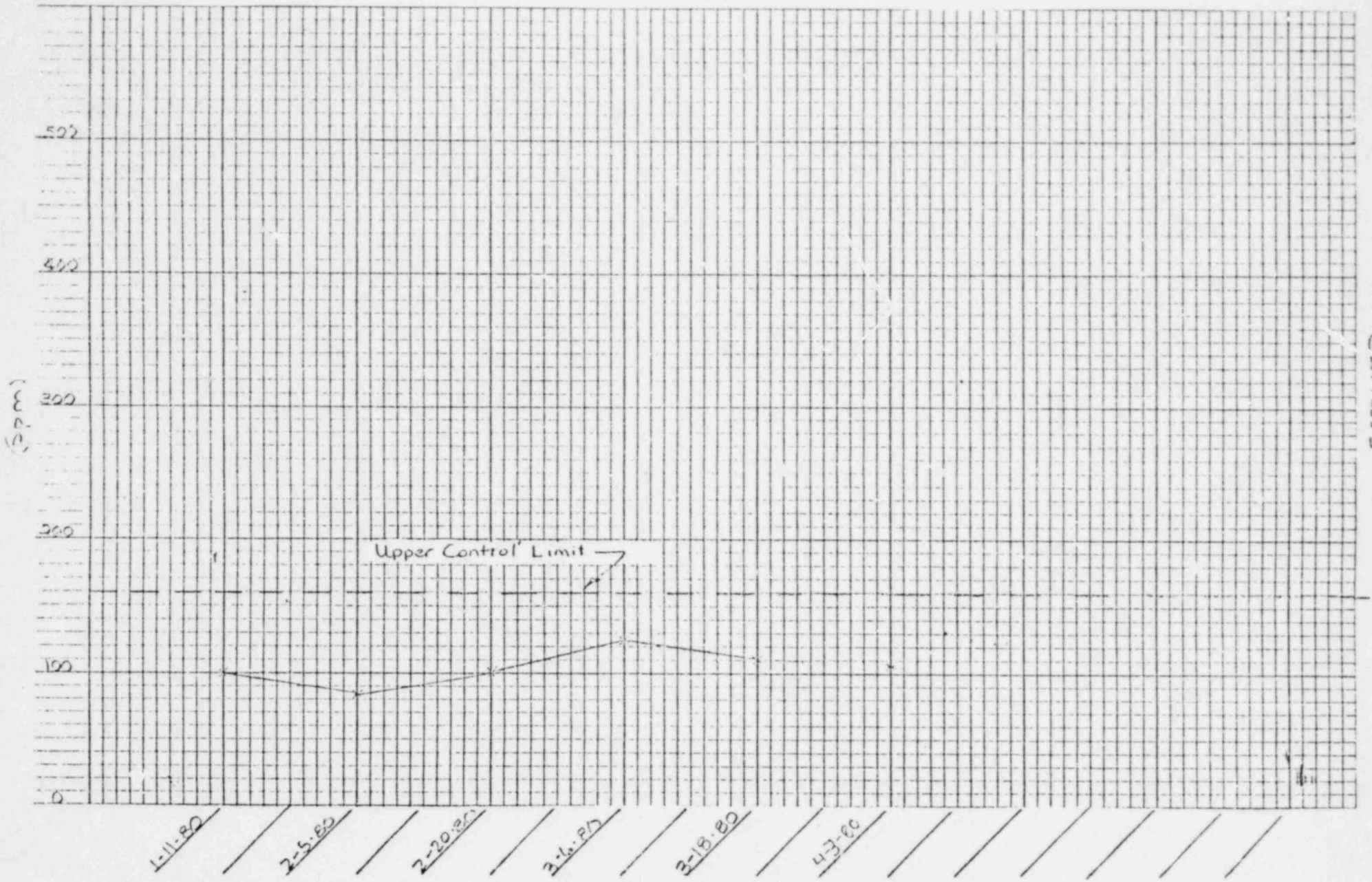
SAMPLE COLLECTION DATE

WELL NAME: MW-1

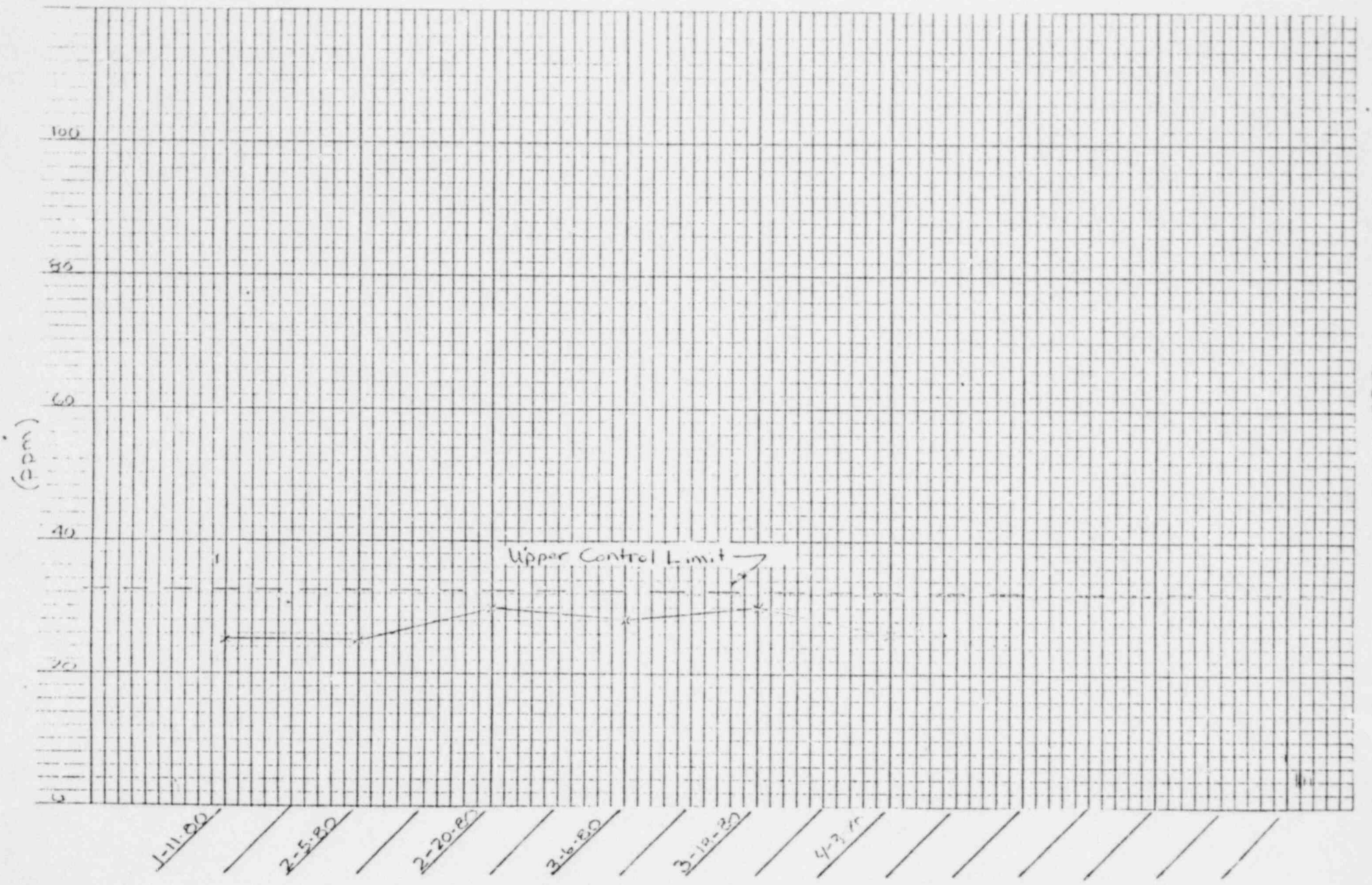


SAMPLE COLLECTION DATE

WELL NAME : MW-1

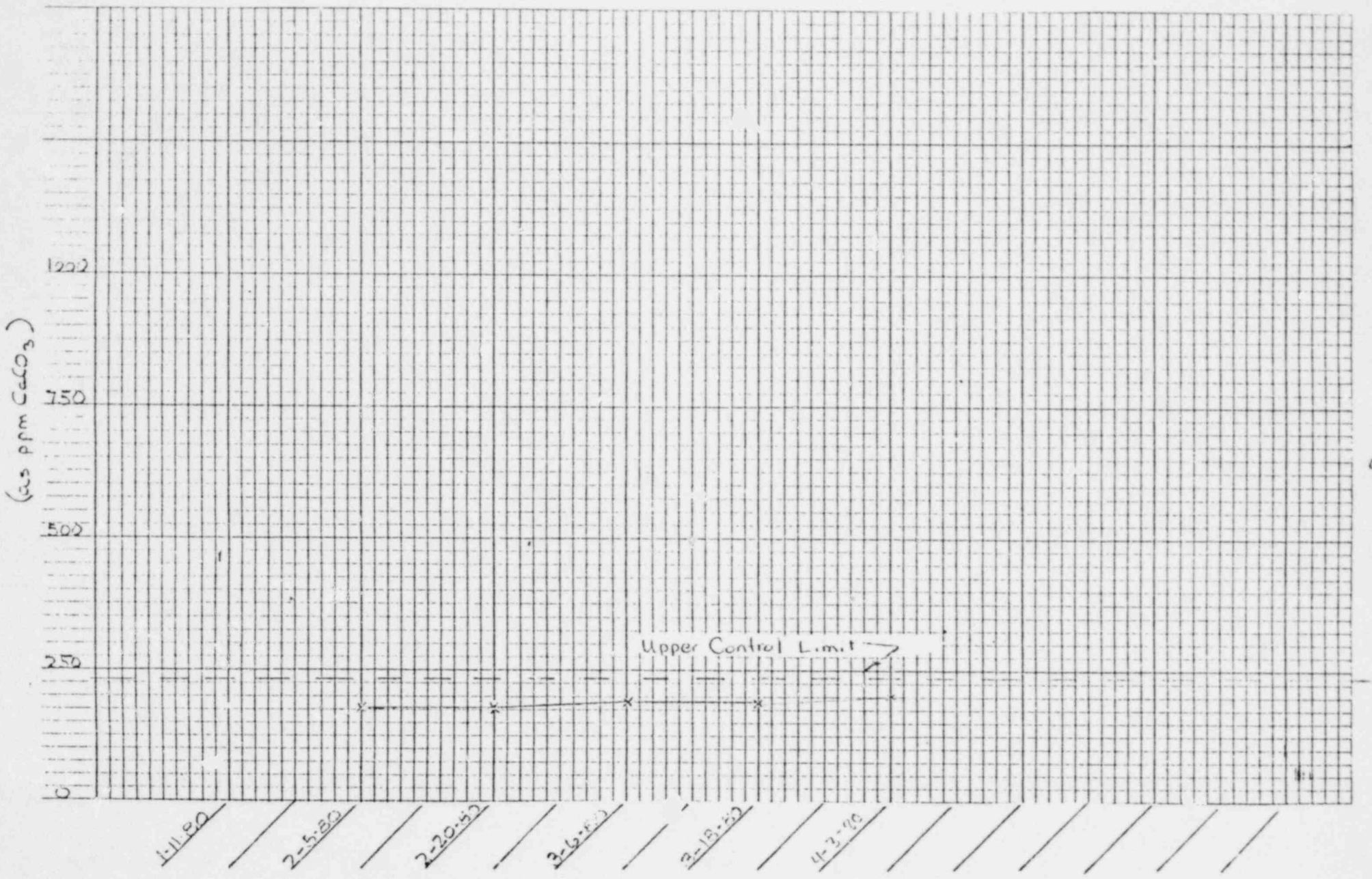


WELL NAME : _____



SAMPLE COLLECTION DATE

WELL NAME : mm-1



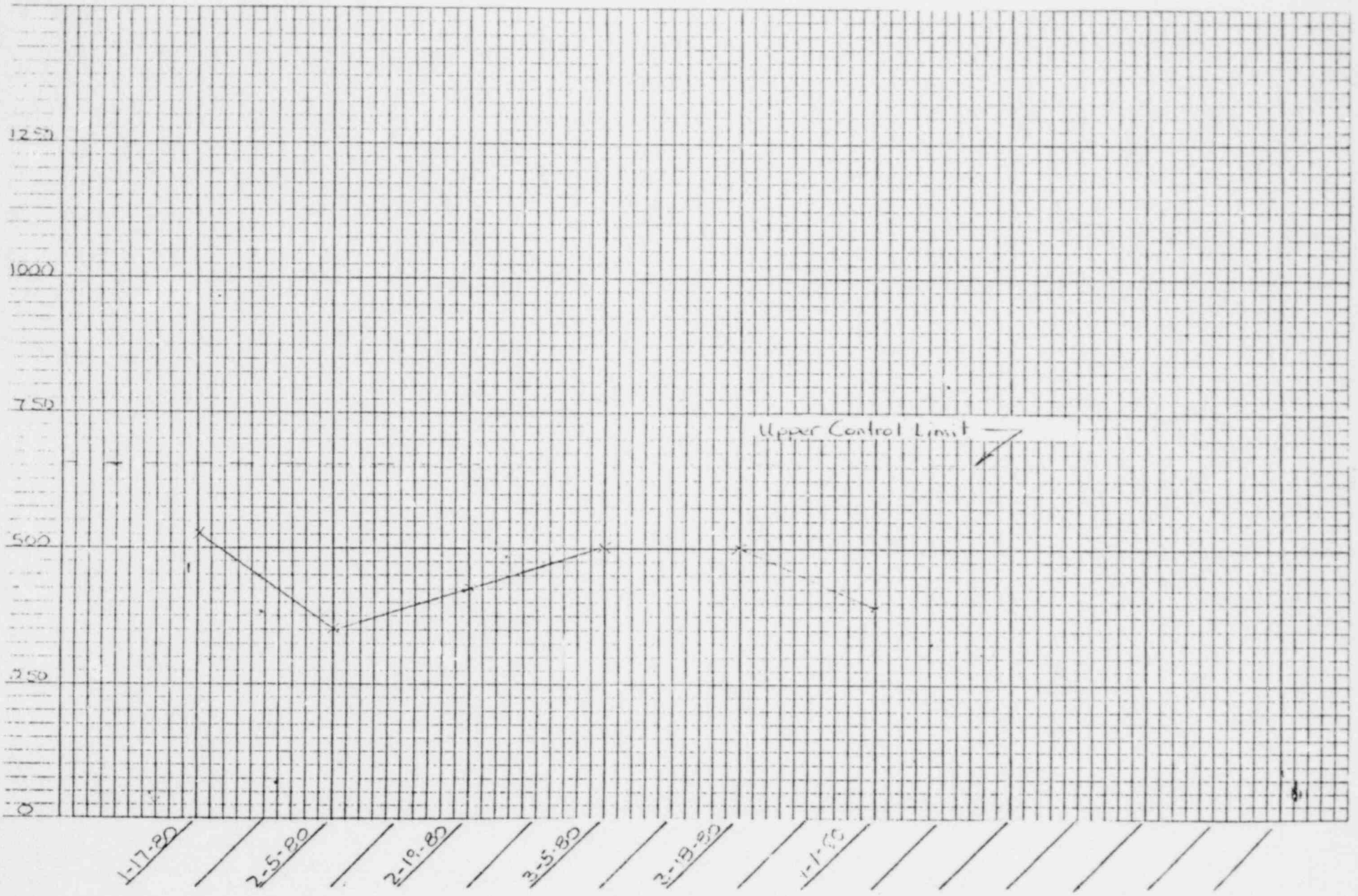
WATER SAMPLES

QUARTERLY REPORT

WELL NAME MM-2 (M)

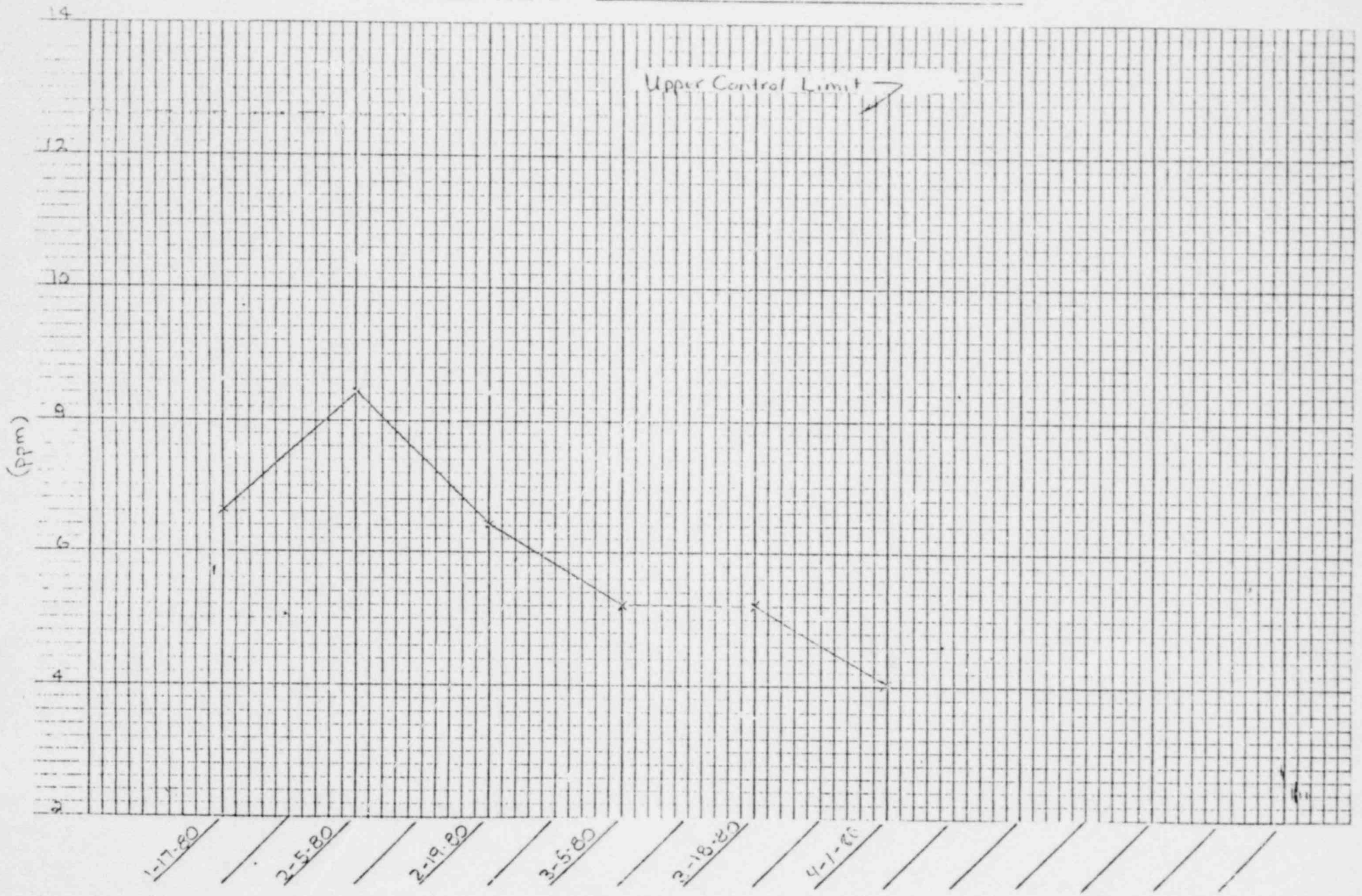
Sampling Date	Conductivity umhos/cm	Cl^- (ppm)	$SO_4^=$ (ppm)	U (ppm)	Na^+ (ppm)	Alkalinity (as ppm $CaCO_3$)
UCL	657.13	12.62	159.86	1	32.77	229.73
1-17-80	525	6.6	50	<0.1	23	163
2-5-80	350	8.2	55	<0.1	31	79
2-19-80	425	6.2	35	<0.1	32	152
3-5-80	500	5.2	55	<0.1	28	126
3-18-80	500	5.2	90	<0.2	30	190
4-1-80	390	4.0	70	<0.2	29	152

WELL NAME : MW-2



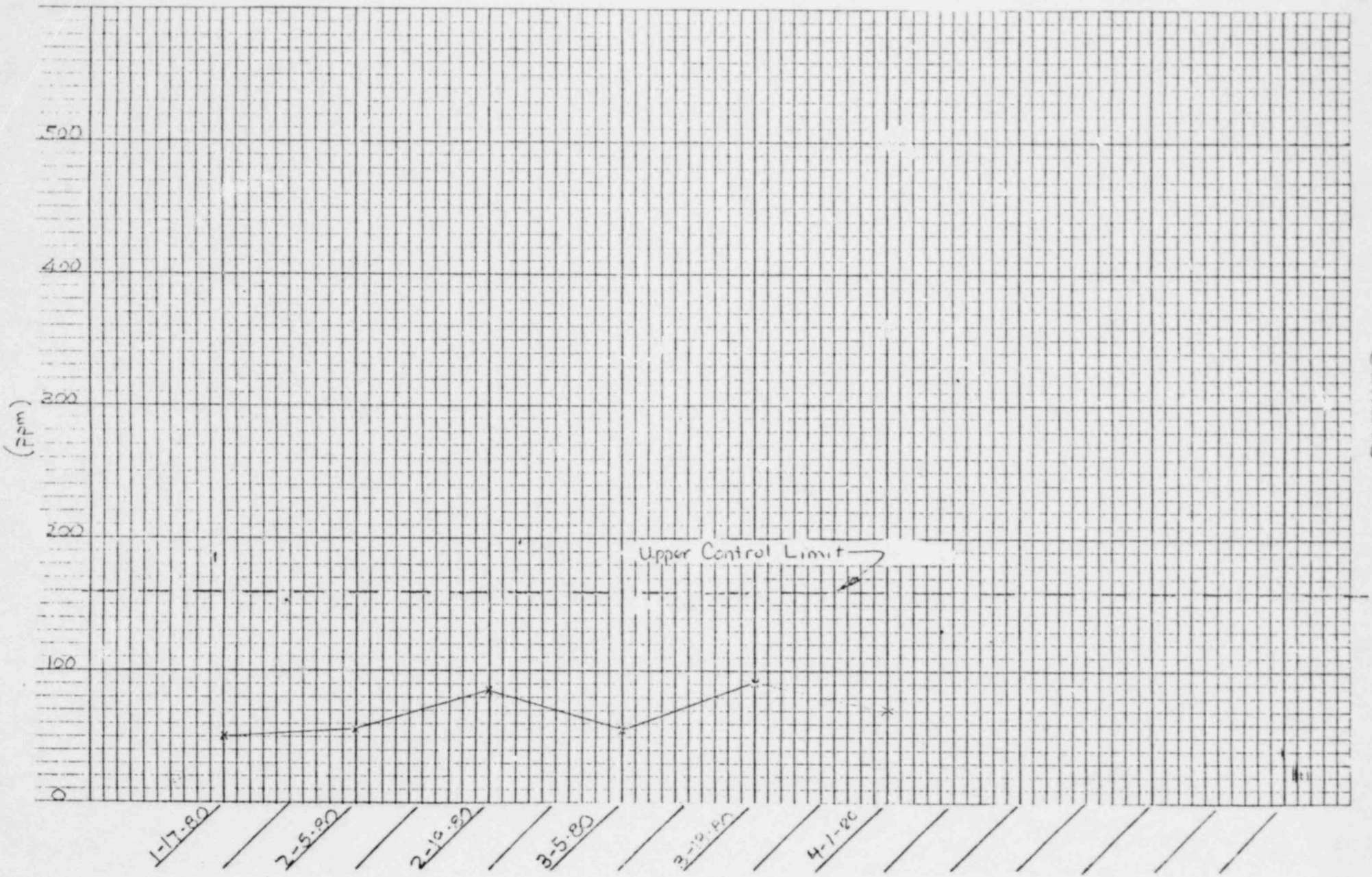
SAMPLE COLLECTION DATE

WELL NAME : MW-2

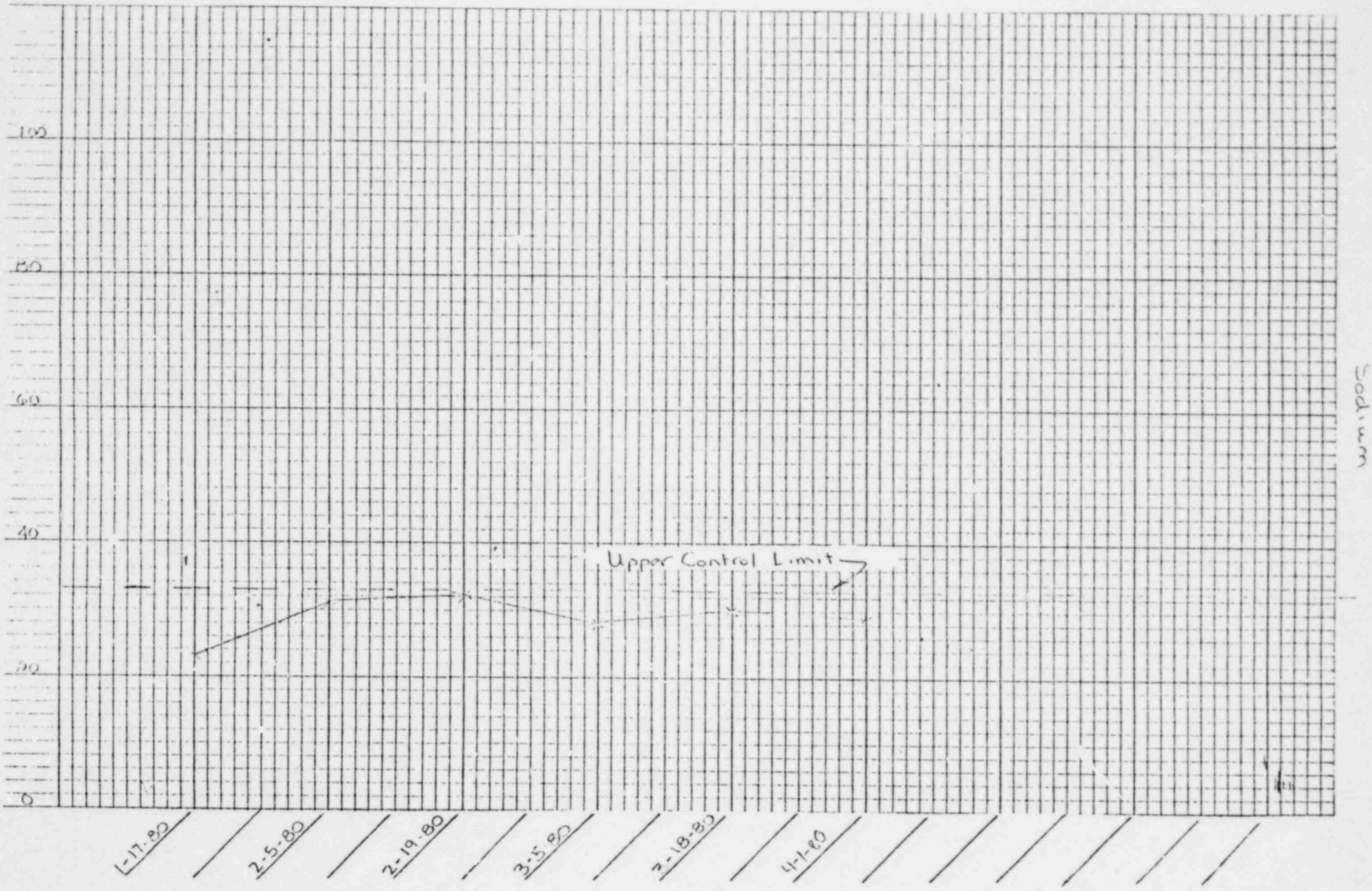


SAMPLE COLLECTION DATE

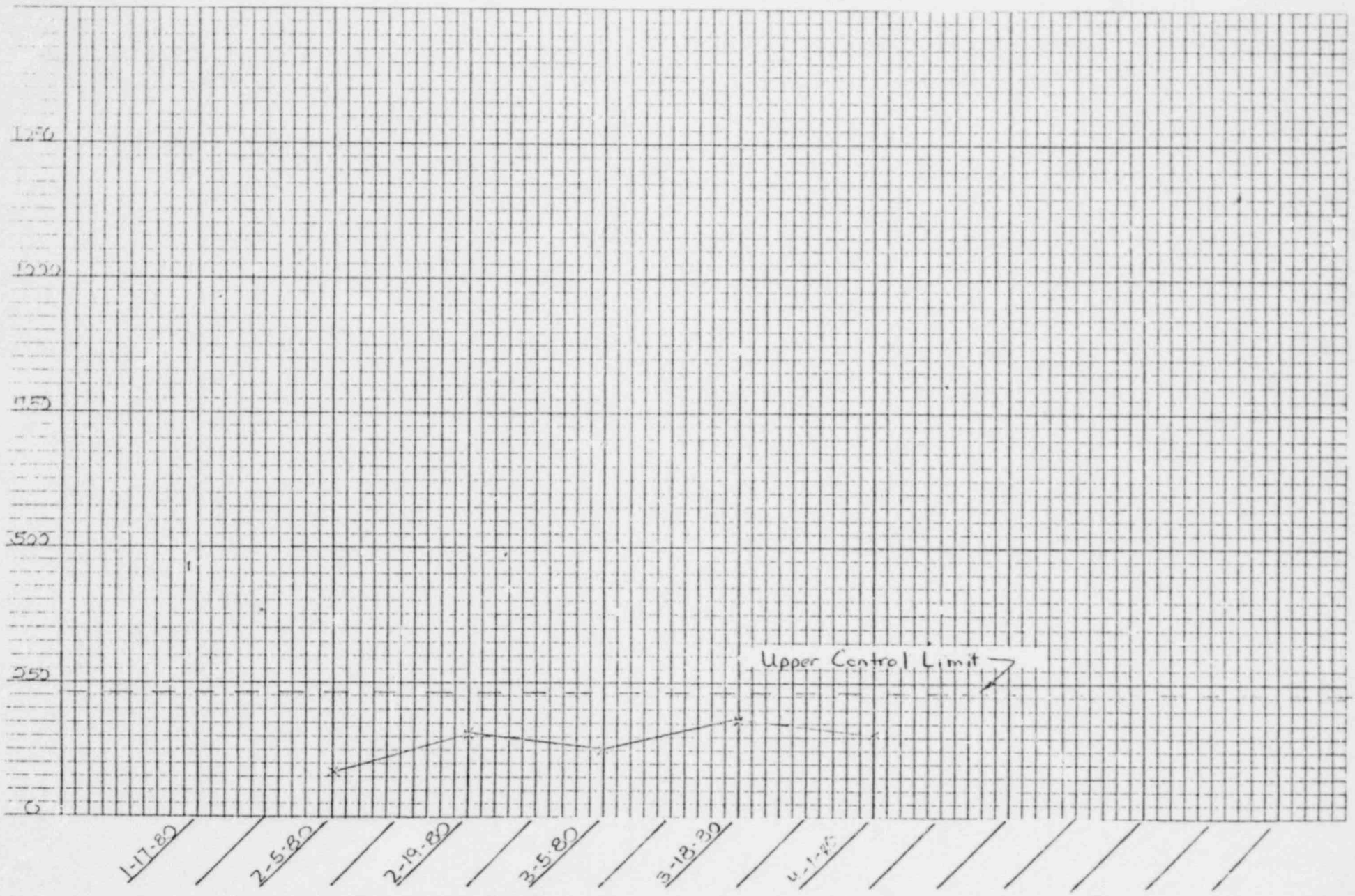
WELL NAME : MW-2



WELL NAME: MW-3



WELL NAME : MW-2



SAMPLE COLLECTION DATE

APPENDIX D

TETON-NEDCO MONITOR WELLS

WEEKLY WATER LEVELS

WELL 314

Elev. of MP 5201.2

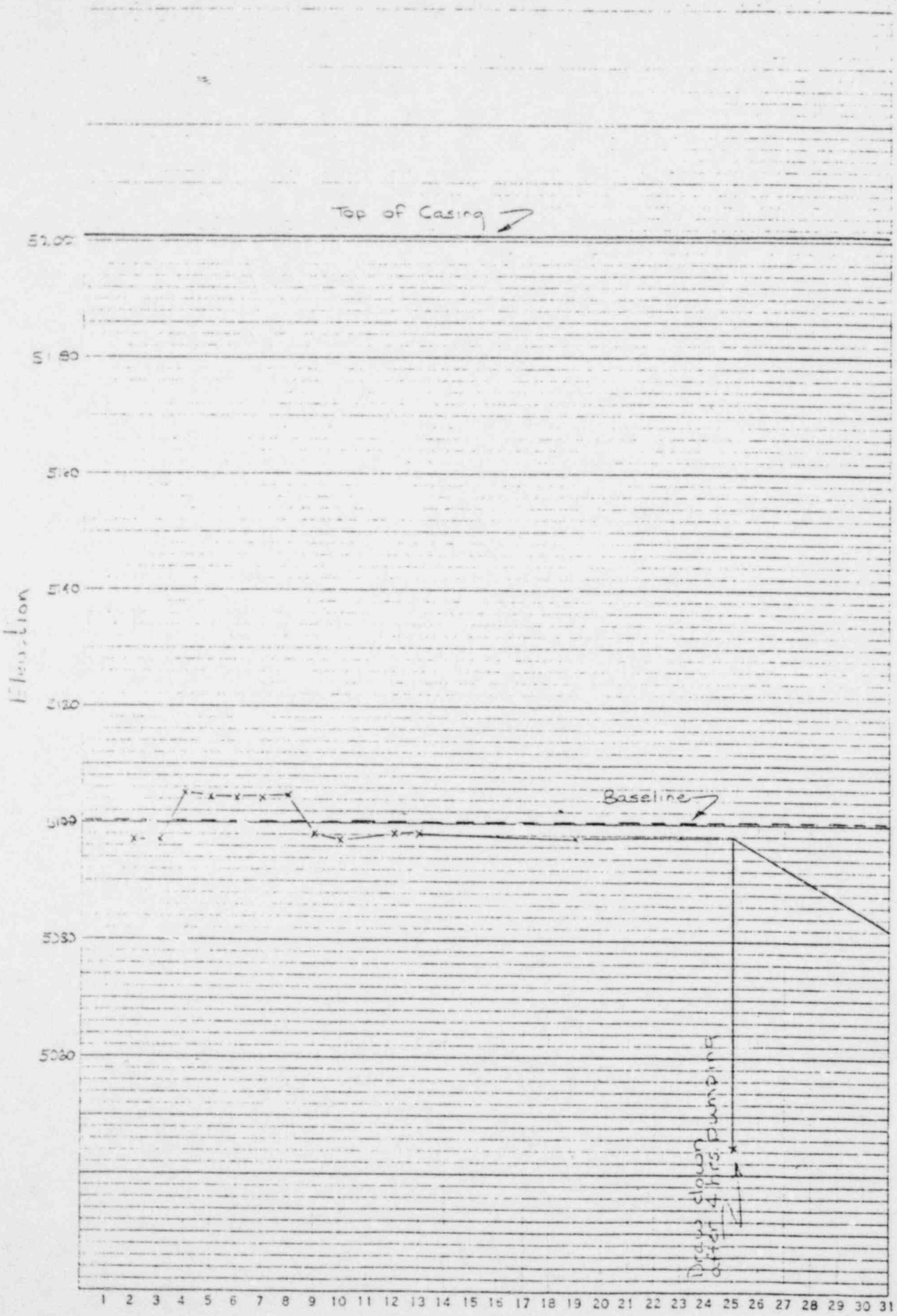
Aquifer Represented Basil

Baseline 5100.45

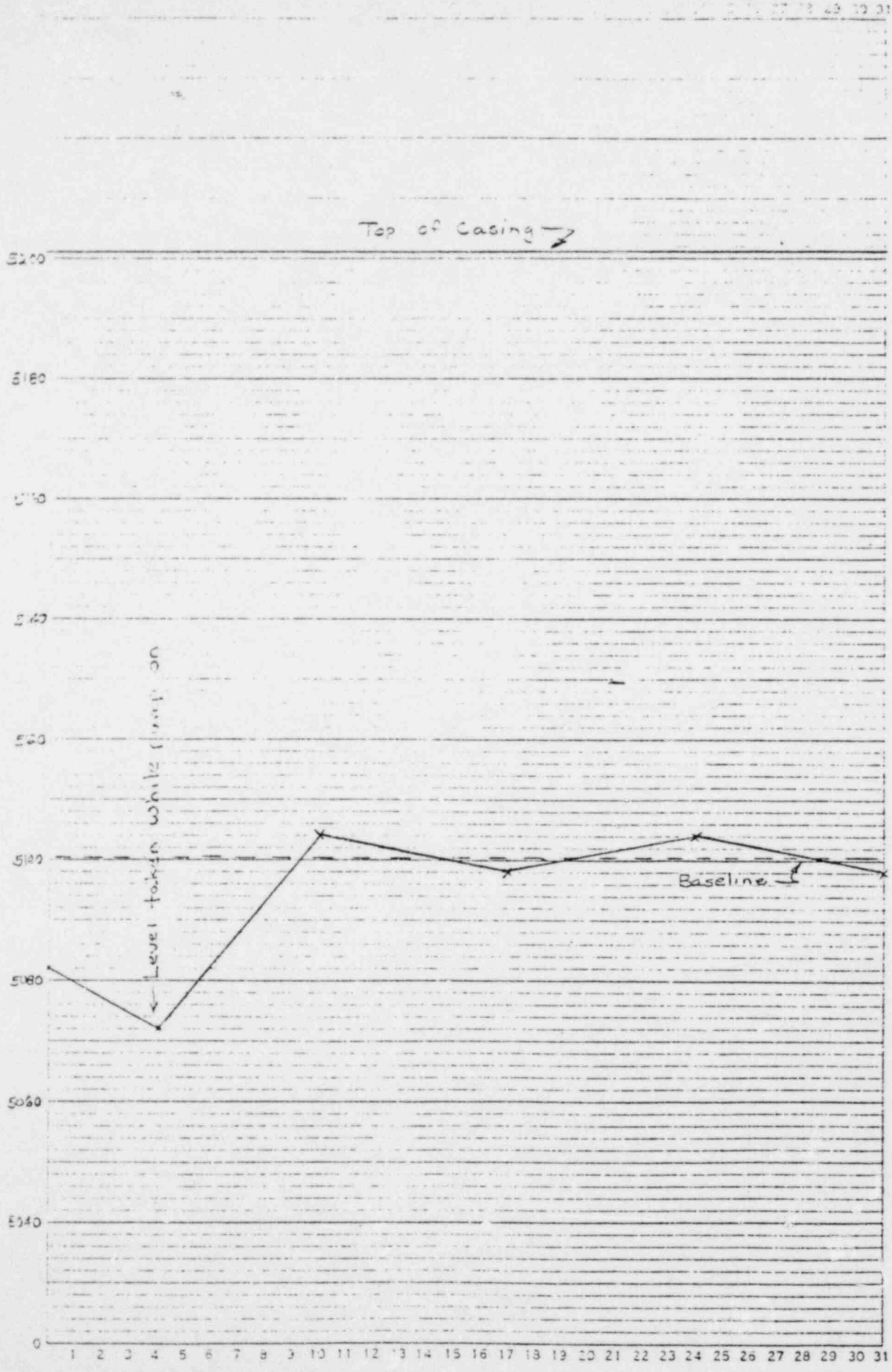
TIME		SWL	
Date	Hour	Depth	Elev.
2-2-80	12:30PM	103.81	5097.39
2-3-80	11:00AM	103.66	5097.54
2-4-80	1:00 P.M	96.17	5105.03
2-5-80	11:50 A.M	96.75	5104.45
2-6-80	3:00 PM	96.73	5104.47
2-7-80	1:00 PM	96.78	5104.42
2-8-80		96.55	5104.65
2-9-80		103.00	5098.20
2-10-80		103.80	5097.40
2-12-80	3:30 PM	102.91	5098.29
2-13-80	9:00 A.M	102.83	5098.37
2-19-80	11:00 AM	103.65	5097.55
2-25-80	1:00 PM	(a) 156.95	5044.25
3-4-80		(b) 129.43	5071.77
3-10-80	1:00 P.M.	97.10	5104.10
3-17-80	1:00 P.M.	103.25	5097.95
3-24-80	2:00 P.M.	97.25	5103.95
3-31-80	2:00 PM	102.75	5099.45

TIME		SWL	
Date	Hour	Depth	Elev.

Remarks: (a) After pumping for 4 hours.
(b) pumping while level was being taken



MONTH OF Feb 19 80



MONTH OF Mar 19 82

WELL PN5-L570

Elev. of MP 5207.0

Aquifer Represented IDAHO

Baseline 5173.80

TIME		SWL	
Date	Hour	Depth	Elev.
6-25-79		33.2	5173.80
9-18-79		33.5	5173.50
10-16-79		33.52	5173.48
12-7-79	11:00 AM	36.97	5170.13
12-7-79	2:52 PM	36.93	5170.17
12-7-79	3:00 PM	36.91	5170.09
12-12-79	4:20 PM	36.99	5170.01
12-13-79	9:00 AM	36.90	5170.10
12-13-79	10:25 AM	36.90	5170.10
12-13-79	3:50 PM	36.93	5170.07
12-14-79		36.60	5170.40
12-14-79	8:35 AM	36.82	5170.1[illegible]
12-14-79	10:30 AM	36.71	5170.
12-14-79	12:30 PM	36.67	5170.33
12-14-79	1:30 PM	36.60	5170.40
12-15-79	9:45 AM	36.69	5170.31
12-17-79		36.67	5170.33
12-20-79	11:45 AM	36.49	5170.51
12-20-79	2:15 PM	36.55	5170.45
12-20-79	3:45 PM	36.65	5170.35

TIME		SWL	
Date	Hour	Depth	Elev.
1-4-80	11:30 AM	36.57	5170.43
1-4-80	2:00 PM	36.57	5170.43
1-4-80	3:50 PM	36.58	5170.42
1-9-80	8:55 AM	36.51	5170.49
1-9-80	11:45 AM	36.43	5170.57
1-10-80	2:05 PM	36.17	5170.83
1-10-80		36.38	5170.62
1-10-80	2:20 PM	36.56	5170.44
1-14-80		36.81	5170.19
1-15-80		36.47	5170.53
1-15-80		36.47	5170.53
1-15-80	10:15 AM	45.13	5161.87
1-15-80	10:30 AM	45.10	5161.90
1-16-80		36.64	5170.36
1-16-80	8 3:11	45.5	5161.50
	D	45.6	5161.40
	E	45.6	5161.40
1-17-80		36.64	5170.36
1-18-80		39.92	5167.08
1-20-80		36.73	5170.27

Remarks:

WELL PNS-L570

Elev. of MP 5207.0

Aquifer Represented IDAHO

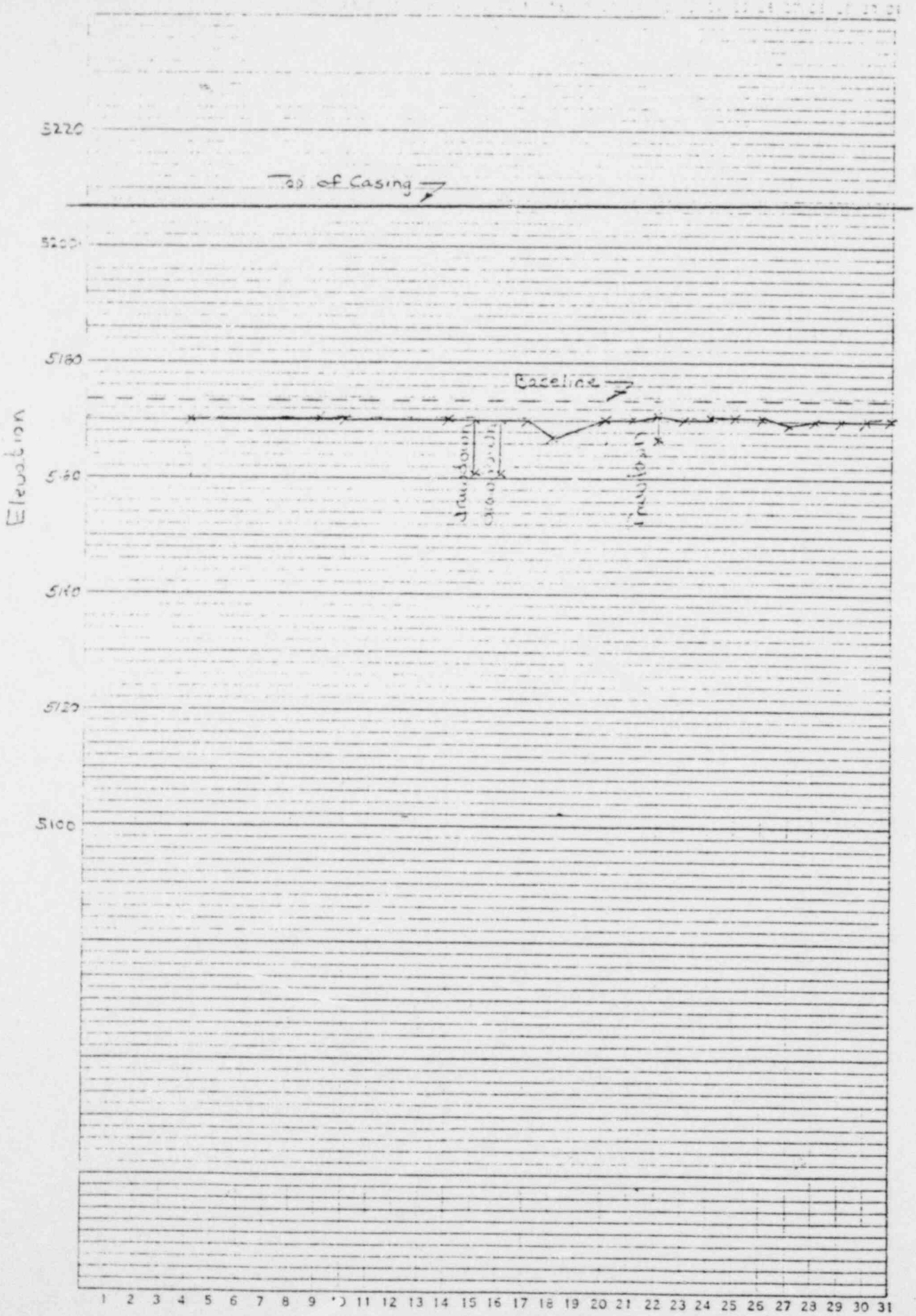
Baseline 5173.80

TIME		SWL	
Date	Hour	Depth	Elev.
1-21-80		36.26	5170.74
1-22-80	9:00AM	36.04	5170.96
1-22-80	3:00PM	40.34	5166.66
1-23-80	9:00AM	36.54	5170.46
1-23-80	3:00PM	36.55	5170.45
1-24-80	9:00A.M.	36.97	5170.03
1-24-80	12:00AM.	36.01	5170.99
1-24-80	1:00PM	35.73	5171.27
1-24-80	3:00PM	36.68	5170.32
1-25-80		36.72	5170.28
1-26-80	10:00AM	36.71	5170.29
1-27-80	1:00PM	37.57	5169.43
1-28-80	2:00PM	36.71	5170.29
1-29-80	9:00AM	36.82	5170.18
1-30-80	1:00PM	37.05	5169.95
1-31-80	1:00PM	36.78	5170.22
2-1-80	2:00PM	37.95	5169.05
2-2-80	11:00AM	36.97	5170.03
2-3-80	11:00A.M.	36.54	5170.46
2-4-80	1:00PM	36.98	5170.02

TIME		SWL	
Date	Hour	Depth	Elev.
2-5-80	11:00AM	36.83	5170.17
2-6-80	3:00PM	36.65	5170.35
2-7-80	10:00A.M.	36.71	5170.29
2-7-80	1:15PM.	42.43	5164.57
2-8-80		36.75	5170.25
2-9-80		36.67	5170.33
2-10-80		32.96	5173.04
2-12-80	3:00PM.	36.86	5170.14
2-13-80	9:00A.M	36.75	5170.25
2-19-80	11:00A.M	36.85	5170.15
2-25-80	1:00P.M.	36.81	5170.19
3-4-80		36.86	5170.14
3-10-80	1:00PM	36.16	5171.84
3-17-80	1:00PM.	36.40	5170.60
3-24-80	1:00PM.	36.60	5170.40
3-31-80	2:00PM	36.39	5170.61

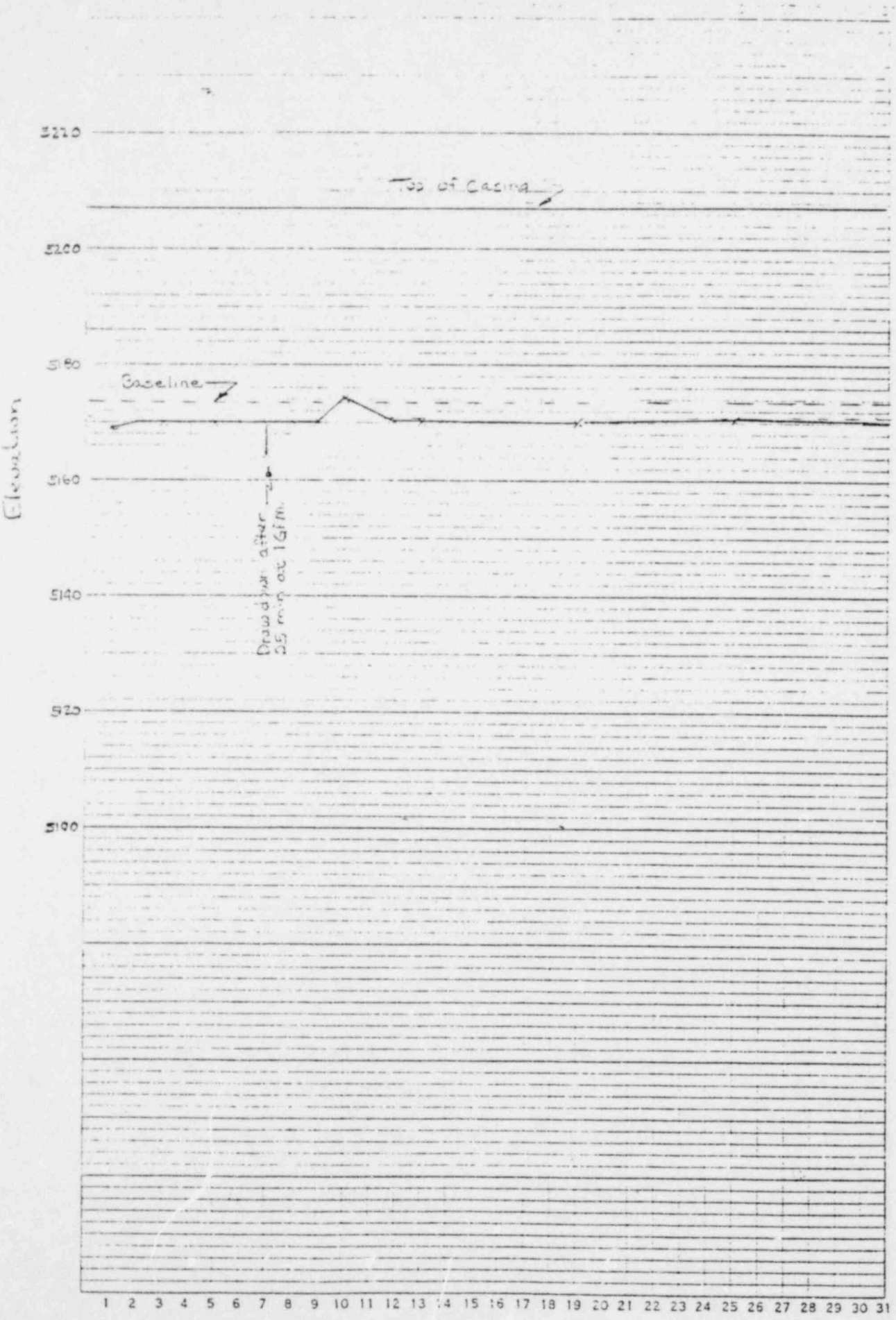
Remarks: 1-31-80 injection wells were shut off approx. 15 min. in each field.
2-7-80 Level taken after well had pumped for 27 minutes

(Idaho)

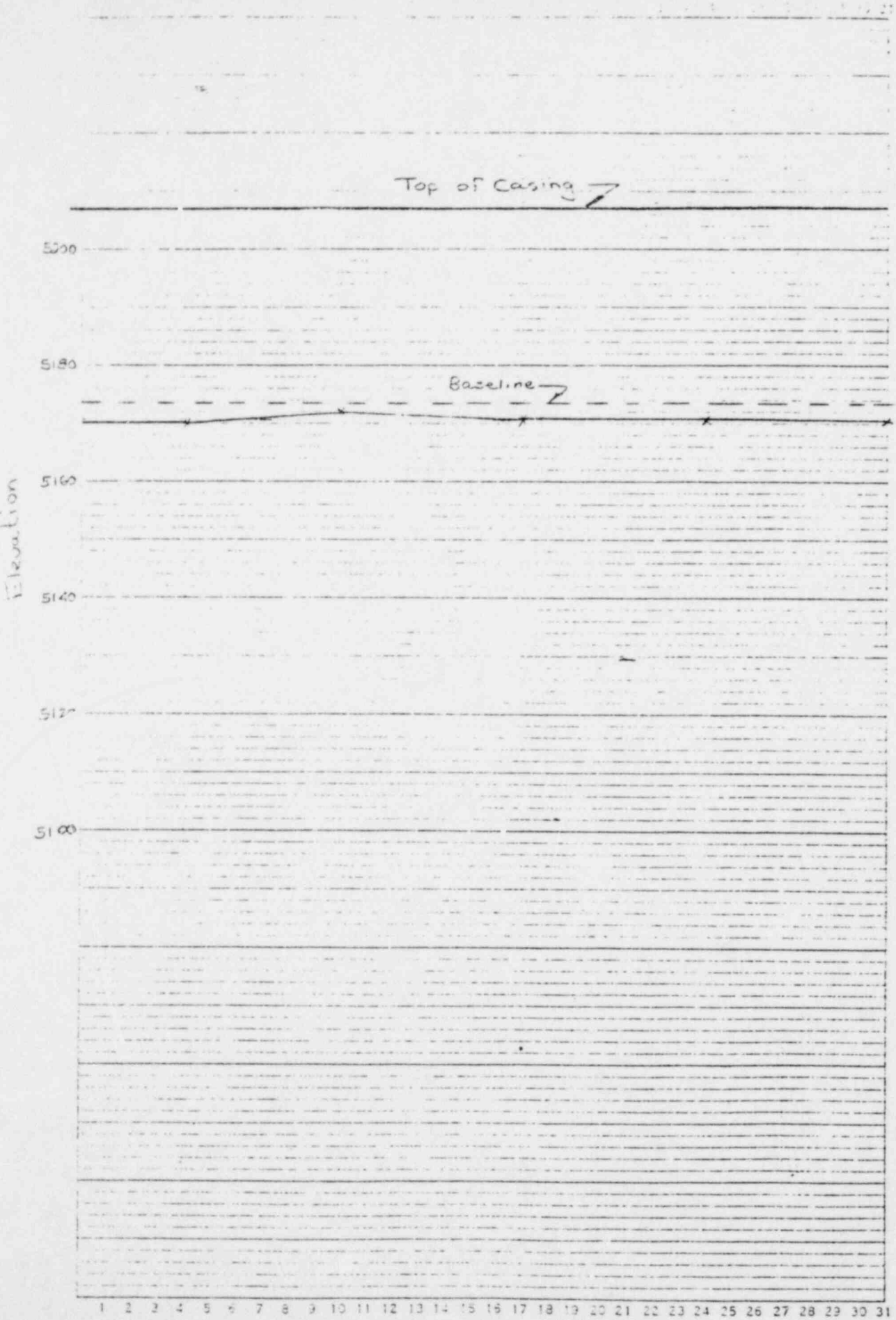


MONTH OF Jan 19 80

570
(Idaho)



MONTH OF Feb 19 80



MONTH OF Mar 19 80

WELL PN5-L304

Elev. of MP 5201.0

Aquifer Represented IDAHO

Baseline 5170.72

TIME		SWL	
Date	Hour	Depth	Elev.
6-25-79		30.2	5170.80
9-18-79		30.4	5170.60
10-15-79		33.66	5167.34
1-14-80		29.44	5171.56
1-15-80		67.76	5133.24
1-15-80	9:30	29.82	5171.18
	11:20	58.08	5142.92
	11:35	52.46	5148.54
1-16-80		30.13	5170.87
1-17-80		30.07	5170.98
1-18-80		33.67	5168.38
1-20-80		29.57	5171.43
1-21-80		29.89	5171.11
1-22-80	9:00 AM	29.79	5171.21
1-22-80	3:00 PM	30.04	5170.96
1-23-80	9:00 AM	30.18	5170.82
1-23-80	3:00 PM	30.31	5170.69
1-24-80	9:00 AM	30.46	5170.54
1-24-80	12:00 AM	30.35	5170.65
1-24-80	1:00 PM	30.13	5170.87

TIME		SWL	
Date	Hour	Depth	Elev.
1-24-80	3:00 PM	29.98	5171.02
1-25-80		30.71	5170.29
1-26-80	10:00 AM	30.60	5170.40
1-27-80	1:00 PM	30.11	5170.89
1-28-80	2:00 PM	30.67	5170.33
1-29-80	9:00 AM	30.63	5170.37
1-30-80	1:00 PM	30.75	5170.25
1-31-80	1:00 PM	30.33	5170.65
2-1-80	2:00 PM	30.44	5170.56
2-2-80	11:00 AM	30.74	5170.26
2-3-80	11:00 AM	29.80	5171.20
2-4-80	1:00 PM	30.55	5170.45
2-5-80	11:40 AM	30.37	5170.63
2-5-80	12:06 PM	58.49	5142.51
2-6-80	3:00 PM	30.39	5170.61
2-7-80	1:00 PM	30.62	5170.38
2-8-80	2:00 PM	30.50	5170.50
2-9-80	11:00 AM	30.37	5170.63
2-10-80	11:00 AM	29.63	5171.37
2-12-80	3:00 PM	30.26	5170.74

Remarks: 1-15-80 levels taken while pumping for sample collection

1-31-80 injection wells were turned off 15 min. in each field

2-5-80 level was taken after well was pumped for 25 minutes

WELL PNS-L304

Elev. of MP 5201.0

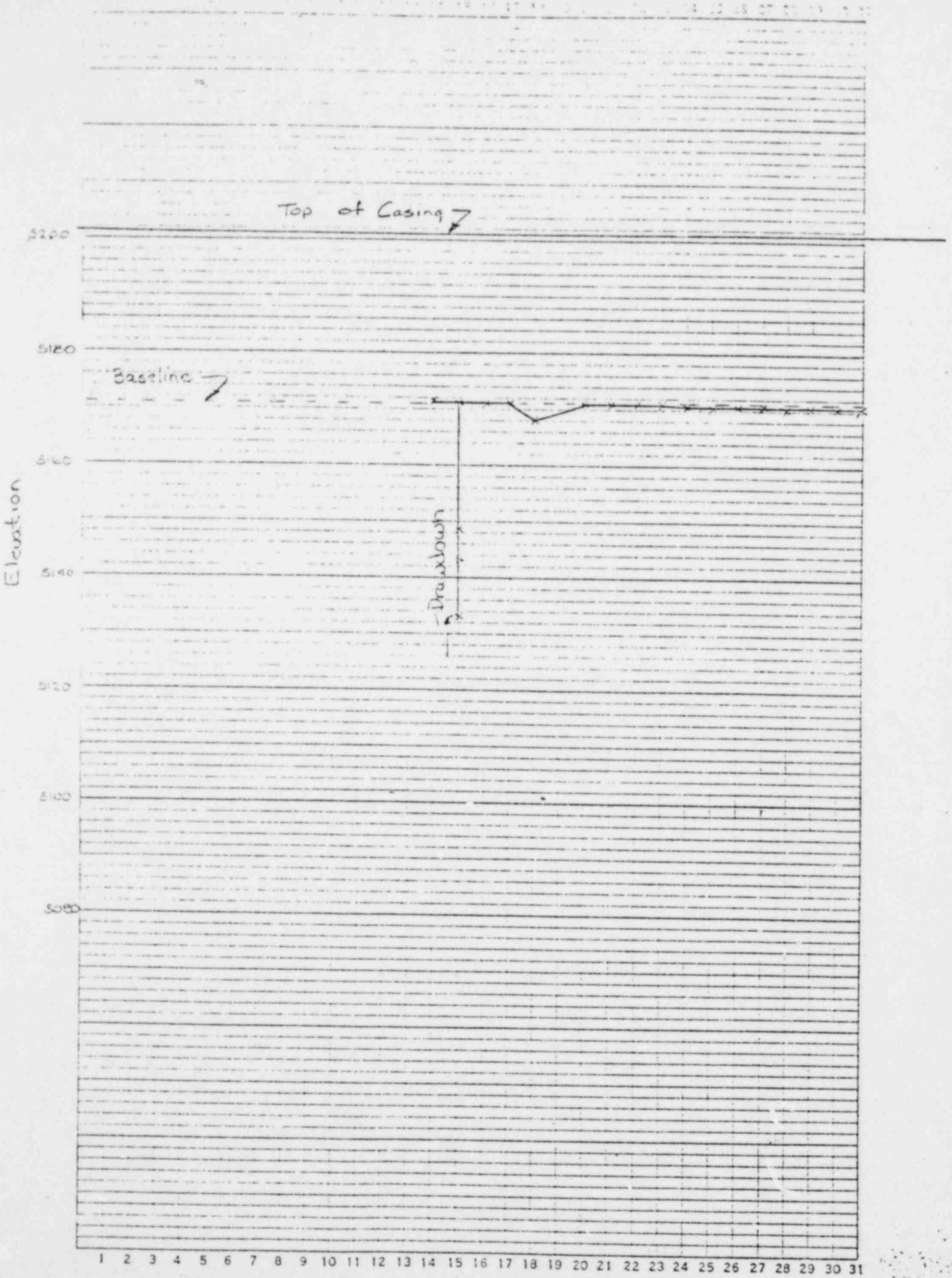
Aquifer Represented IDAHO

Baseline 5170.78

TIME		SWL	
Date	Hour	Depth	Elev.
2-13-80	9:00AM	30.67	5170.33
2-19-80	11:00AM	30.15	5170.85
2-25-80	1:00PM	30.09	5170.91
3-4-80	1:00PM	29.17	5171.83
3-6-80	10:00AM	30.24	5170.76
3-6-80	②	55.66	5145.34
3-21-80		31.08	5169.92
3-21-80	②	59.31	5141.69
3-10-80	1:00PM	29.80	5171.20
3-17-80	1:00PM	30.25	5170.75
3-24-80	2:00PM	30.00	5171.00
3-31-80	2:00PM	30.17	5170.83

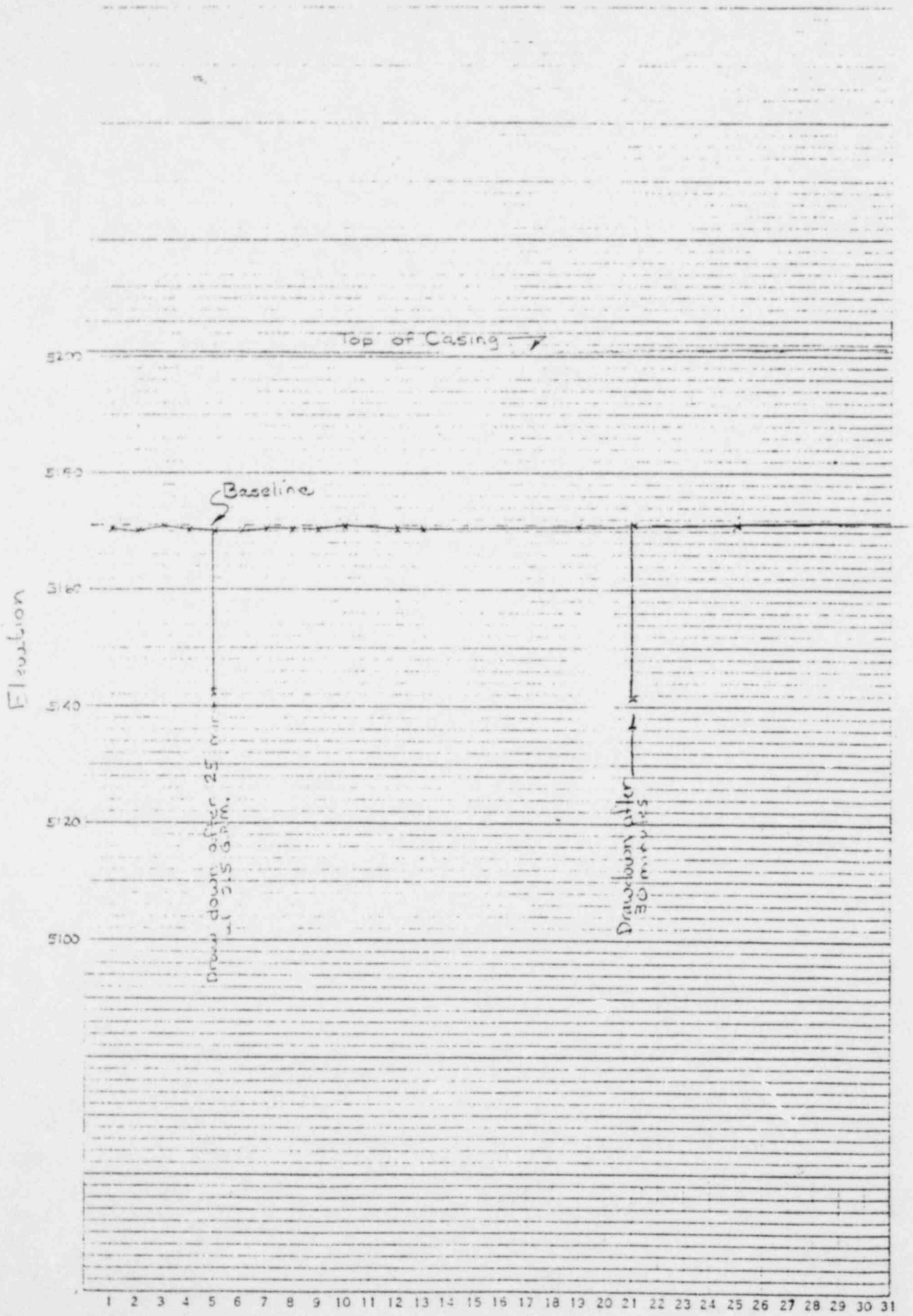
TIME		SWL	
Date	Hour	Depth	Elev.

Remarks: ② After 30 minutes of pumping



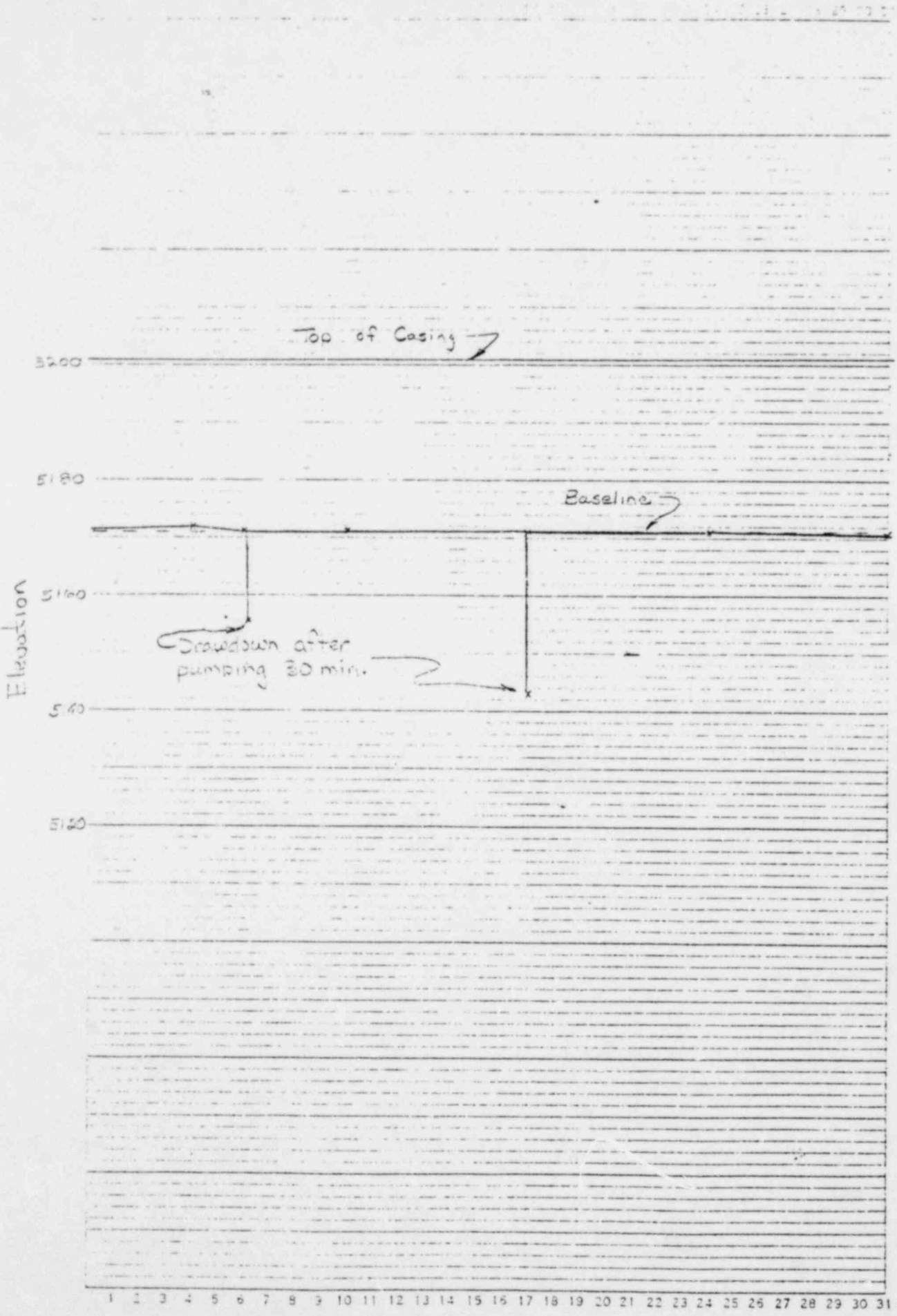
MONTH OF Jan 19 80

304
(Idaho Zone)



MONTH OF FEB 19 80

304
(Idaho Zone)



MONTH OF March 19 80

WELL PN5-L319

Elev. of MP 5212.2

Aquifer Represented N

Baseline 5135.18

TIME		SWL	
Date	Hour	Depth	Elev.
8-25-79		77.0	5135.20
9-19-79		74.7	5137.50
10-15-79		79.76	5132.44
1-14-80		77.32	5134.88
1-15-80		77.46	5134.74
1-16-80		77.18	5135.02
1-17-80		77.24	5134.96
1-19-80		80.7	5131.30
1-20-80		76.71	5135.49
1-21-80		79.32	5132.88
1-22-80	9:00	76.04	5136.16
1-22-80	3:00	78.06	5134.14
1-23-80	9:00	76.81	5135.39
1-23-80	3:00	76.51	5135.69
1-24-80	9:00	76.49	5135.71
1-24-80	12:00	77.41	5134.79
1-24-80	1:00	76.14	5136.06
1-24-80	3:00	77.37	5134.83
1-25-80		76.80	5135.40
1-26-80	10:00	77.36	5134.84

TIME		SWL	
Date	Hour	Depth	Elev.
1-27-80	1:00	77.20	5135.00
1-28-80	2:00	76.45	5135.75
1-29-80	9:00	77.47	5134.73
1-30-80	1:00PM	77.08	5135.12
1-31-80	1:00P.M.	78.89	5133.31
2-1-80	2:00P.M.	76.50	5135.70
2-2-80	11:00A.M.	76.83	5135.37
2-3-80	11:00AM	75.70	5136.50
2-4-80	1:00 P.M.	74.92	5137.28
2-5-80	10:00A.M.	82.72	5129.48
2-6-80	3:00P.M.	76.85	5135.35
2-7-80	9:50A.M.	76.56	5135.64
2-7-80	E 10:24AM	94.73	5117.47
2-8-80		76.01	5136.19
2-9-80		75.41	5136.79
2-10-80		75.25	5136.95
2-12-80	3:00PM.	74.33	5137.87
2-13-80	9:00A.M.	75.14	5137.06
2-19-80	2:00PM	79.28	5132.92
2-25-80	1:30P.M.	78.46	5133.74

Remarks: 1-31-80 injection wells were shut off approx. 15 min. in each field.
E 3:30 P.M. on 2-4-80 to 1:45 P.M. on 2-5-80 N-1-4 redeveloped at approx. 10-15 GPM and 50 GPM for 5-10 min. every hour.
2-7-80 level taken after 29 minutes of well being pumped.

WELL PN5-L3M

Elev. of MP 5212.2

Aquifer Represented Tr

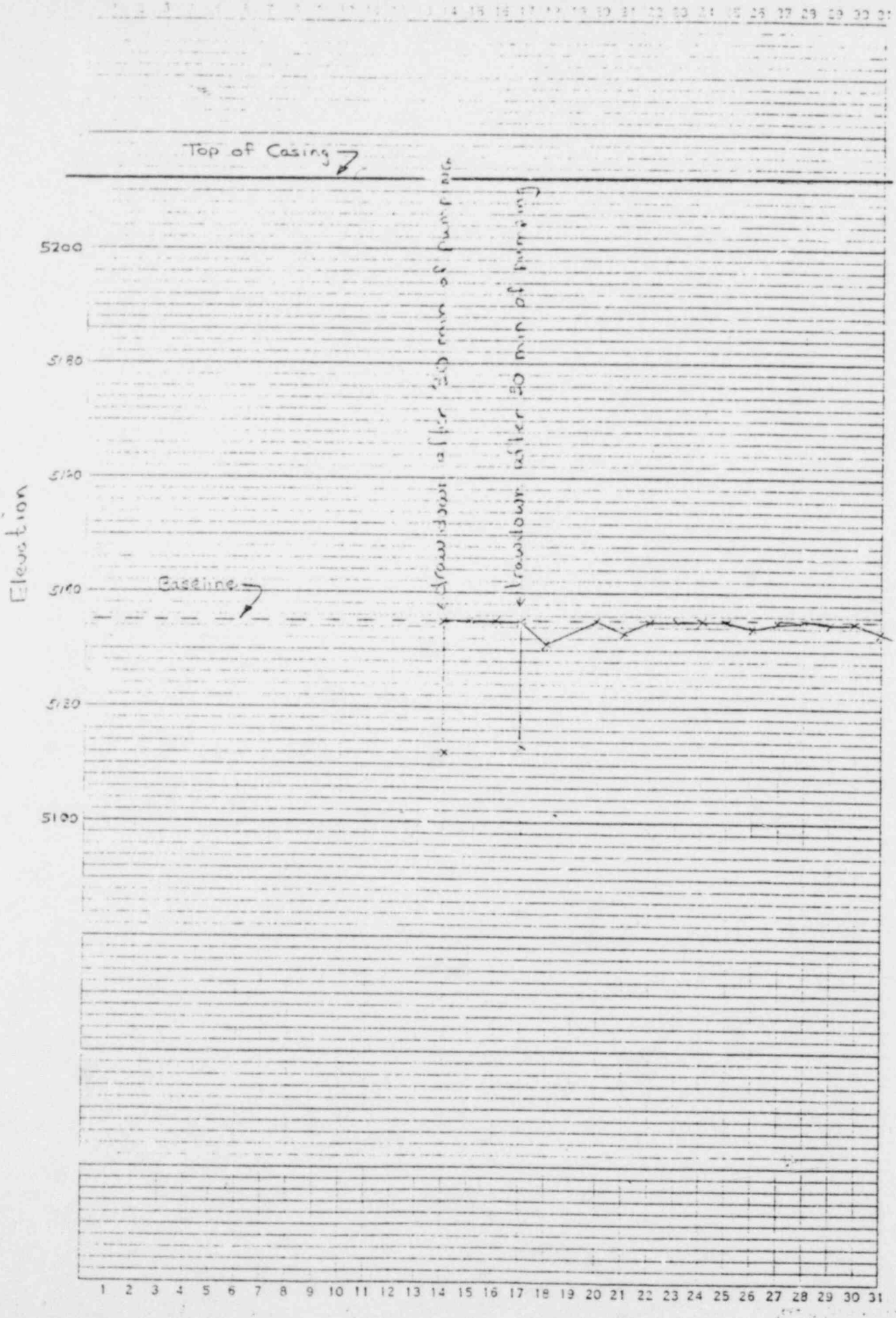
Baseline 5135.18

TIME		SWL	
Date	Hour	Depth	Elev.
3-4-80	9:15 AM	76.60	5135.64
(5) 3-4-80	[illegible]	95.58	5116.66
3-10-80	1:00 PM	80.82	5131.38
3-17-80	1:00 PM	77.57	5134.63
(6) 3-[illegible]-80	[illegible]	[illegible]	5116.14
3-24-80	3:00 PM	76.33	5135.87
3-31-80	2:00 PM	75.90	5136.40

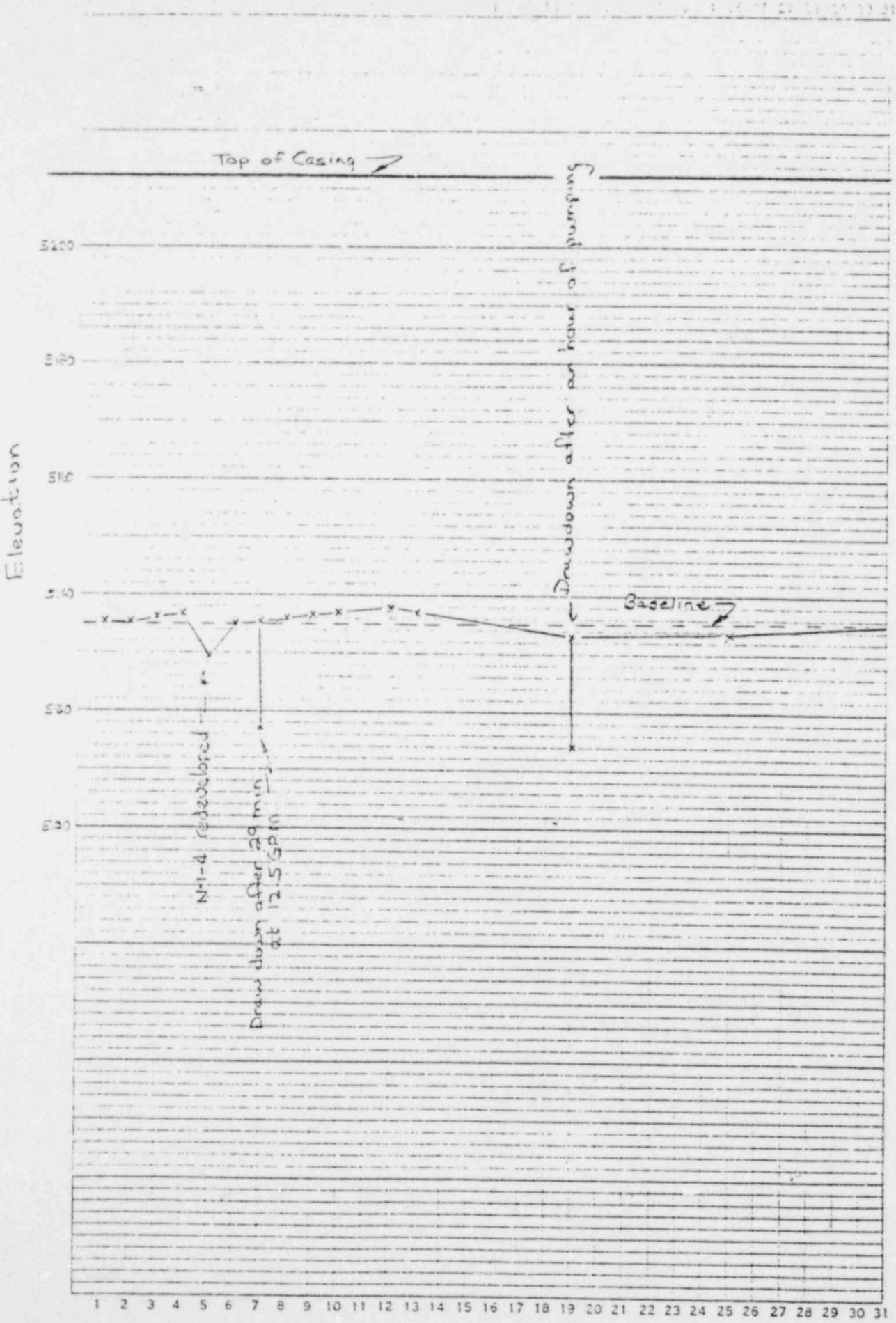
TIME		SWL	
Date	Hour	Depth	Elev.

Remarks:

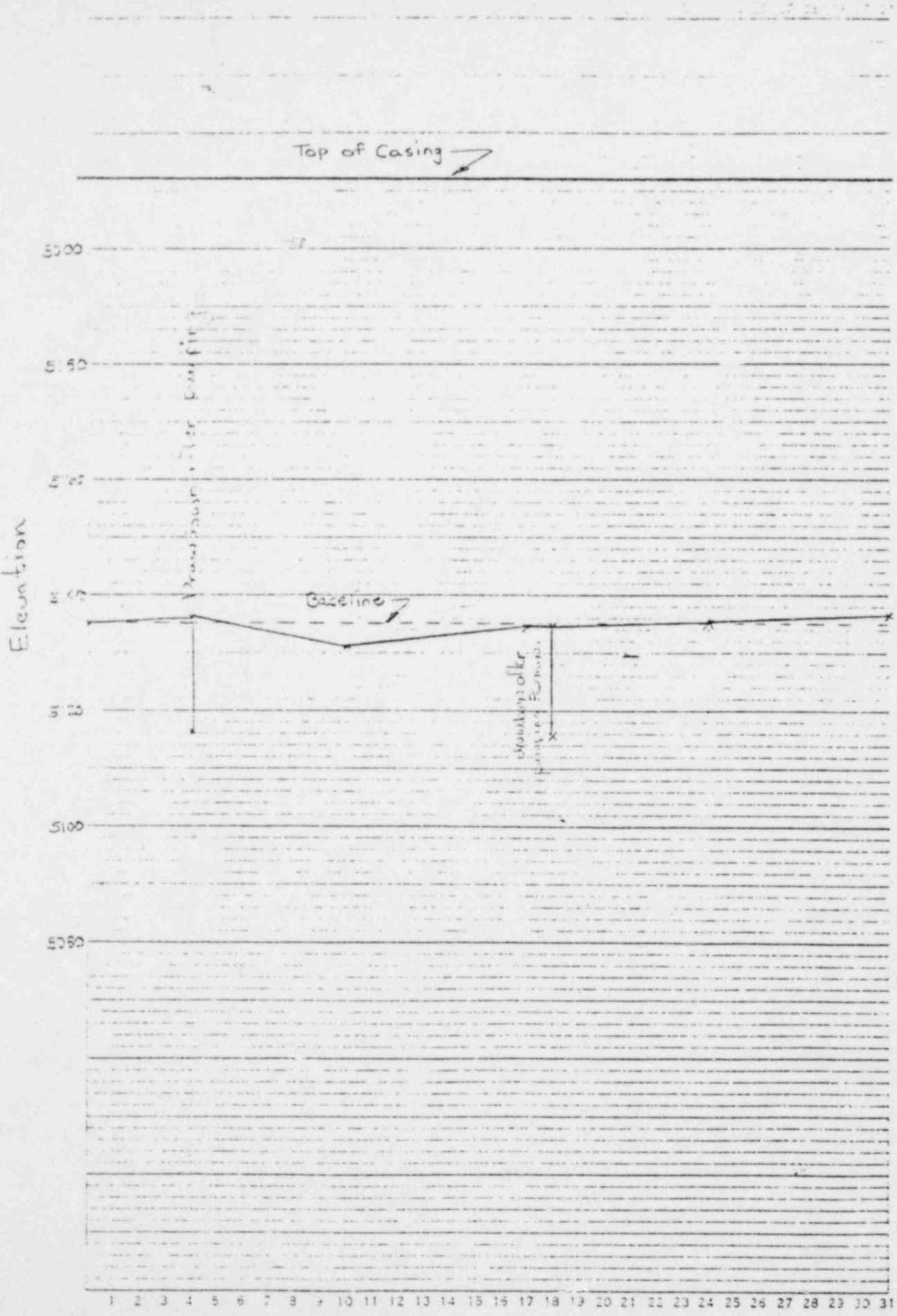
(N Zone)



MONTH OF Jan 19 80



MONTH OF FEB 19 80



MONTH OF Mar 19 82

WELL PN5-L309

Elev. of MP 5202.2 (After 1-20-80 El = 5200.96)

Aquifer Represented N

Baseline 5149.88

TIME		SWL	
Date	Hour	Depth	Elev.
6-25-79		52.3	5149.90
9-18-79		38.1	5164.10
10-15-79		41.82	5160.38
1-14-80		67.32	5134.88
1-15-80		62.54	5139.64
1-16-80		66.67	5135.58
1-17-80		66.90	5135.40
1-18-80		68.63	5133.57
1-20-80		68.07	5132.83
1-21-80		67.32	5133.64
1-22-80	9:00	67.49	5133.47
1-23-80	9:00	64.88	5136.08
1-23-80	3:00	64.92	5136.04
1-24-80	9:00	65.31	5135.65
	12:00	64.91	5136.05
	1:00	65.00	5135.96
	3:00	65.41	5135.55
1-25-80		65.15	5135.81
1-26-80	10:00	65.72	5135.24
1-27-80	1:00	65.17	5135.79

TIME		SWL	
Date	Hour	Depth	Elev.
1-28-80	2:00	64.74	5136.22
1-29-80	9:00	64.61	5136.35
1-30-80	1:00 PM	64.46	5136.50
1-31-80	1:00 PM	66.82	5134.14
2-1-80	2:00 PM	64.75	5136.21
2-2-80	11:00 A.M	64.39	5136.57
2-3-80	11:00 A.M	64.77	5136.19
2-4-80	1:00 PM	62.09	5138.87
2-5-80	12:00 P.M.	66.70	5134.26
2-6-80	3:00 PM	69.54	5131.42
2-7-80	11:00 AM	69.02	5131.93
2-8-80	2:00 PM	68.43	5132.53
2-9-80	11:00 AM	68.25	5132.71
2-10-80	11:00 A.M	68.06	5132.90
2-12-80	3:00 P.M	68.08	5132.88
2-13-80	9:00 A.M	67.92	5133.04
2-19-80	11:00 A.M	71.54	5130.42
2-25-80	1:00 P.M	67.74	5133.22
3-4-80	1:00 P.M.	67.96	5133.00
3-6-80	10:00 A.M	67.70	5133.26

Remarks: pipe cut 1.24' on 1-20-80

1-22-80 air lifted for 3 hours 10 min in afternoon

1-31-80 injection wells were shut off approx. 15 min in each field

3:30 P.M. on 2-4-80 to 1:45 P.M. on 2-5-80 N-1-4 redeveloped at approx. 10-15 G.P.M. and 50 GPM for 5-10 min. every hour.

WELL PNS - L 309

Elev. of MP 5200.96

Aquifer Represented T1

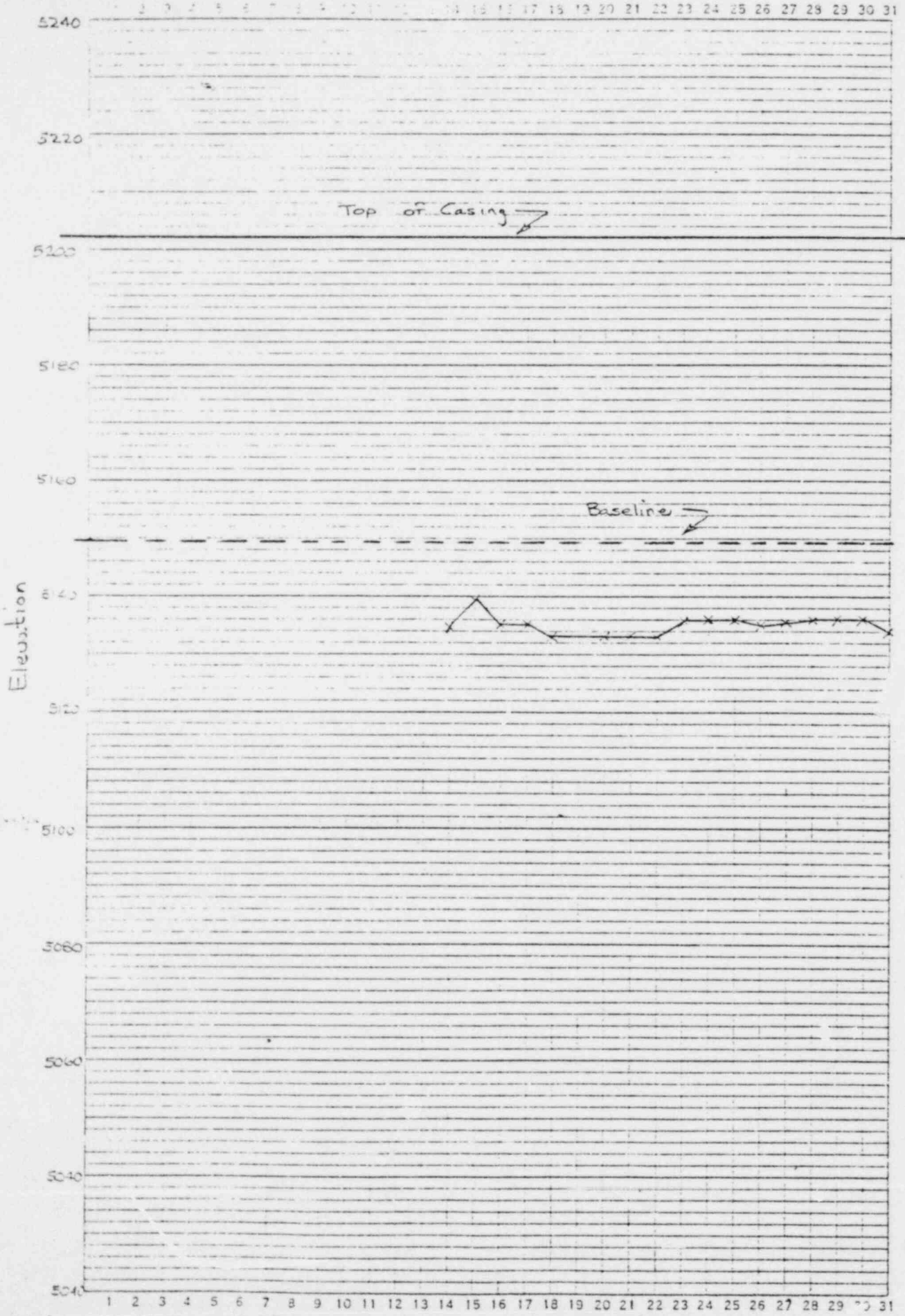
Baseline 5149.88

TIME		SWL	
Date	Hour	Depth	Elev.
3-10-80	1:00PM.	70.40	5130.56
3-17-80	1:00PM	68.34	5132.62
3-24-80	2:00PM	67.43	5133.53
3-31-80	2:00PM	66.67	5134.29

TIME		SWL	
Date	Hour	Depth	Elev.

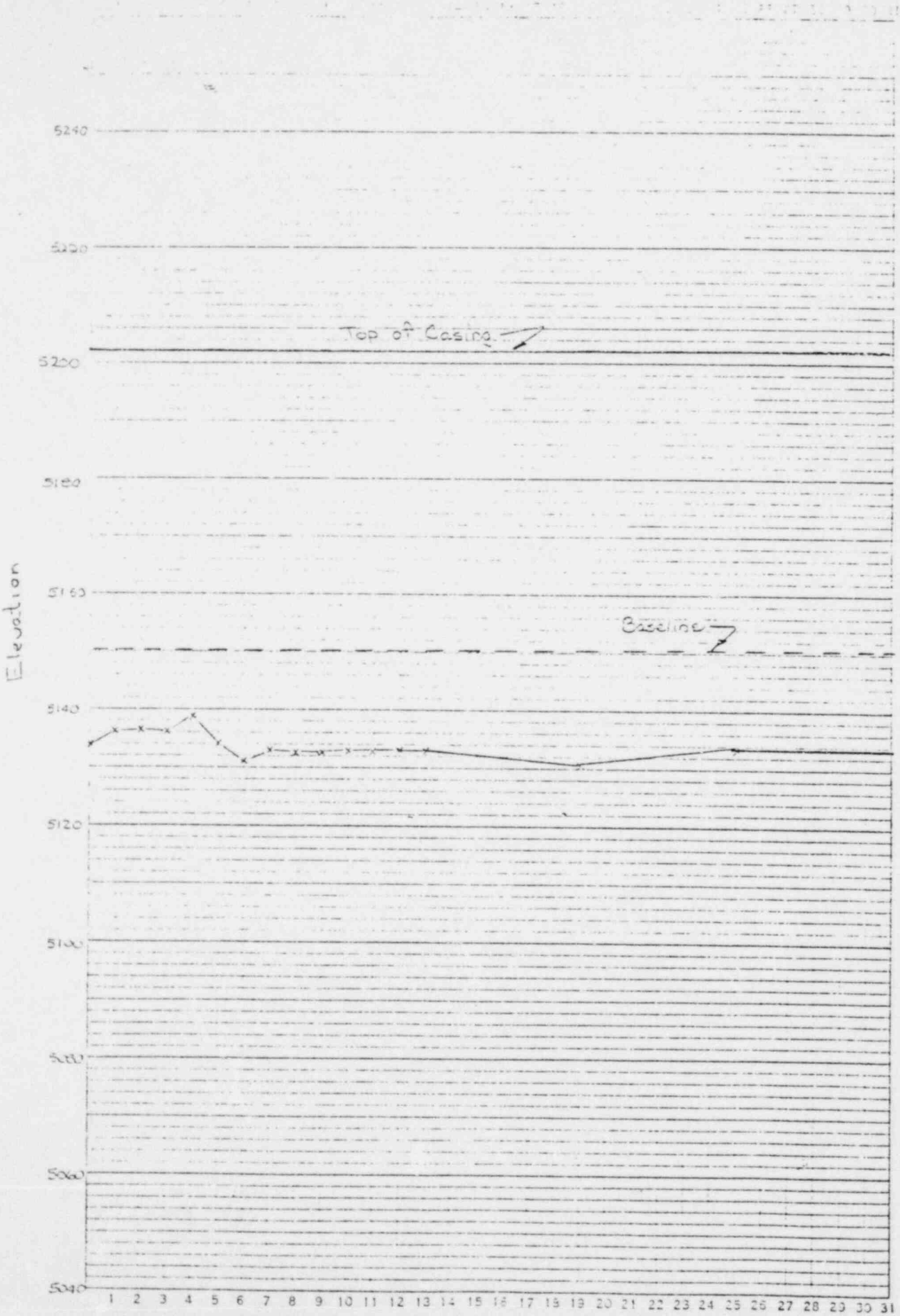
Remarks:

(N-2one)



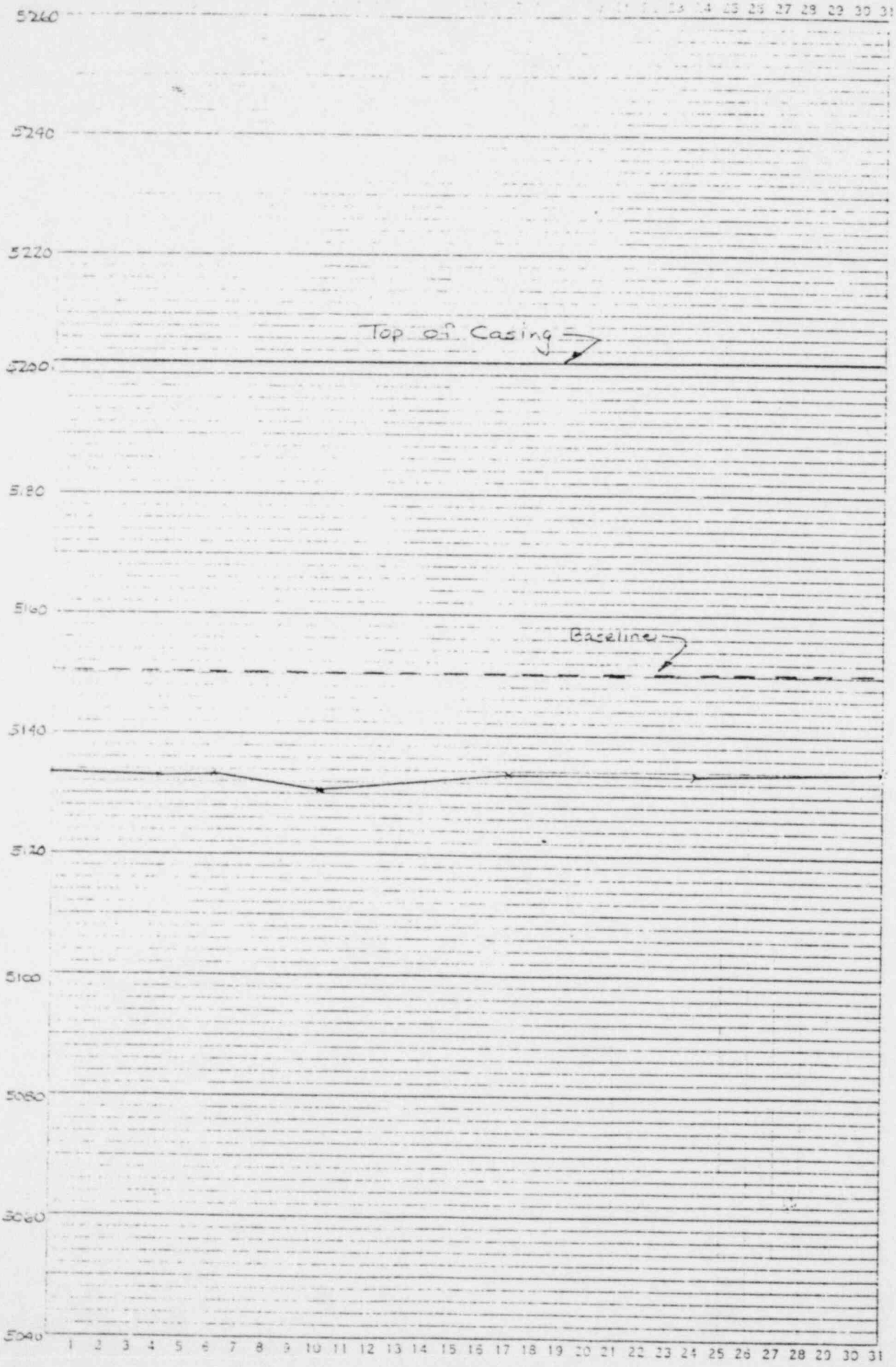
MONTH OF Jan 19 80

20'
(N Zone)



MONTH OF Fe 19 80

507
(N Zone)



MONTH OF March 19 80

WELL PN5-L313

Elev. of MP 5207.5

Aquifer Represented N

Baseline 5135.70

TIME		SWL	
Date	Hour	Depth	Elev.
1-25-77		71.8	5135.70
9-19-79		63.25	5144.25
10-15-79		74.86	5132.64
1-14-80		72.93	5134.57
1-15-80		73.04	5134.46
1-16-80	B	72.23	5135.27
1-17-80	9:00	72.69	5134.81
1-18-80	9:30	74.92	5132.68
1-20-80		72.17	5135.33
1-17-80	C 11:27	96.08	5111.42
1-17-80	E 11:50	93.80	5113.70
1-18-80	D	95.28	5112.22
1-18-80	E	96.47	5111.03
1-21-80		71	
1-22-80	9:00	71.09	5136.41
1-22-80	3:00	73.22	5134.28
1-23-80	9:00	72.07	5135.43
1-23-80	3:00	72.19	5135.31
1-24-80	9:00	72:15	5135.35
1-24-80	3:00	73.04	5134.46

TIME		SWL	
Date	Hour	Depth	Elev.
1-25-80		72.30	5135.20
1-26-80	10:00	72.99	5134.51
1-27-80	1:00	72.32	5135.18
1-28-80	2:00	71.88	5135.62
1-29-80	9:00	72.32	5135.18
1-30-80	1:00 PM	72.49	5135.01
1-31-80	1:00 PM	74.91	5132.59
2-1-80	2:00 PM	72.59	5134.91
2-2-80	11:00 AM	72.21	5135.29
2-3-80	11:00 A.M.	72.10	5135.40
2-4-80	1:00 P.M.	71.63	5135.87
2-5-80	10:00 AM	77.12	5130.38
2-5-80	A 10:46 AM	94.85	5112.65
2-6-80	3:00 P.M.	73.64	5133.86
2-7-80	11:00 A.M.	74.54	5132.96
2-8-80	2:00 PM	73.22	5134.28
2-9-80	11.00 AM	72.84	5134.66
2-10-80	11:00 AM	72.83	5134.67
2-12-80	3:00 PM.	73.29	5134.21
2-13-80	9:00 A.M.	73.22	5134.28

Remarks: A 1/17/80 Levels taken while pumping for sample collection.
B 1/18/80 Levels taken while pumping for sample collection
C 3:30 P.M. on 2-4-80 to 1:45 P.M. on 2-5-80 N-1-4 redeveloped at approx. 10-15 GPM. and 50 GPM. for 5 to 10 min. every hour.
D 2-5-80 level taken after well was pumped for 28 minutes

WELL PTS-L313

Elev. of MP 5207.5

Aquifer Represented T

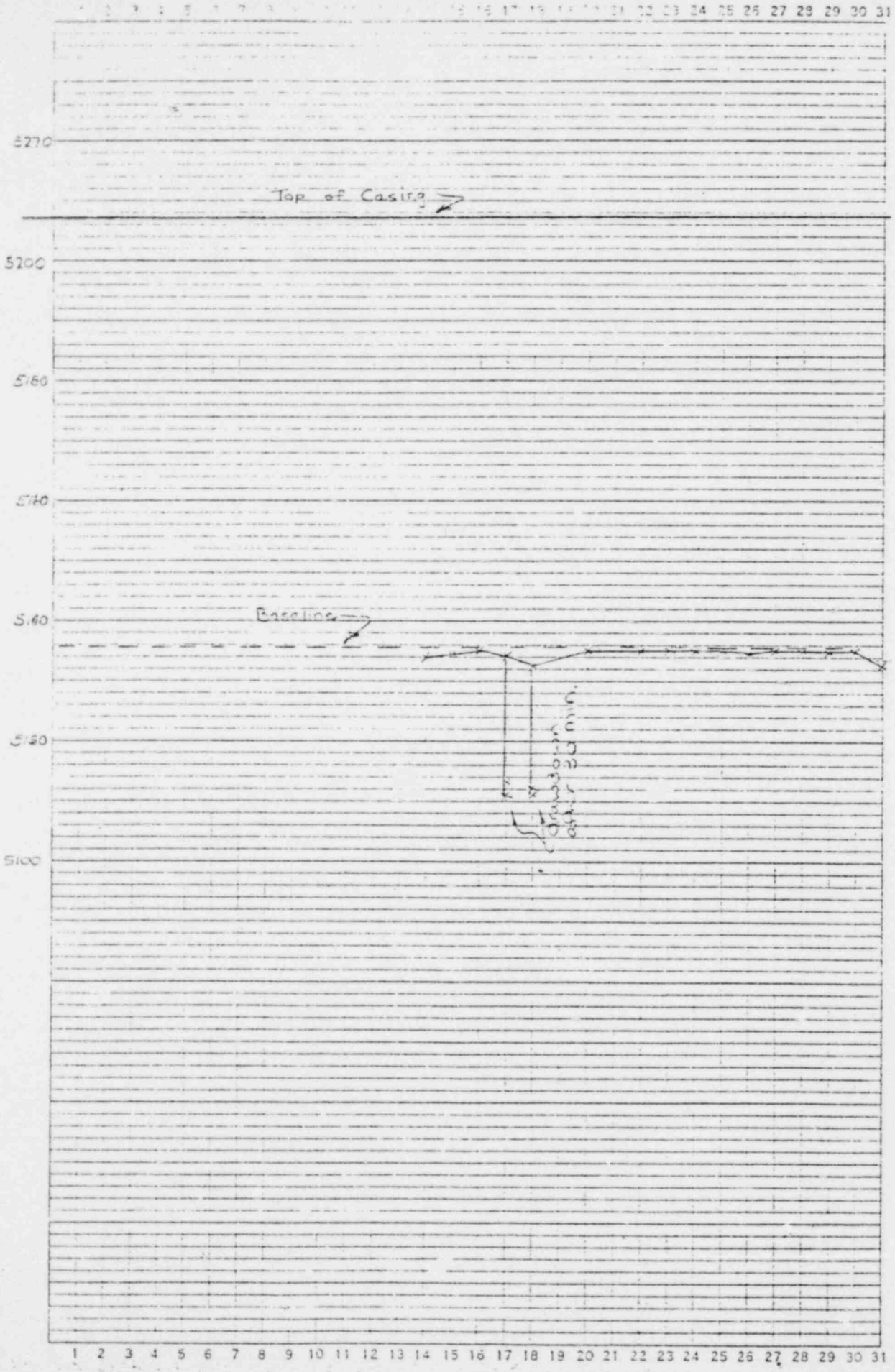
Baseline 5135.70

TIME		SWL	
Date	Hour	Depth	Elev.
2-19-80	2:00 PM	76.63	5130.87
① 2-19-80	4:00 PM	79.62	5127.88
2-25-80	1:00 PM.	72.97	5134.53
3-4-80	1:00 PM	71.93	5135.57
3-5-80	10:00 AM	71.73	5135.77
3-5-80	4:45 PM	95.72	5111.78
3-10-80	1:00 PM.	76.38	5131.12
3-17-80	1:00 PM	73.01	5134.49
3-19-80	9:30 AM	74.70	5132.80
② 3-19-80	10:30	95.98	5111.52
3-24-80	3:00 PM	71.65	5135.85
3-31-80	4:00 PM	70.88	5136.62

TIME		SWL	
Date	Hour	Depth	Elev.

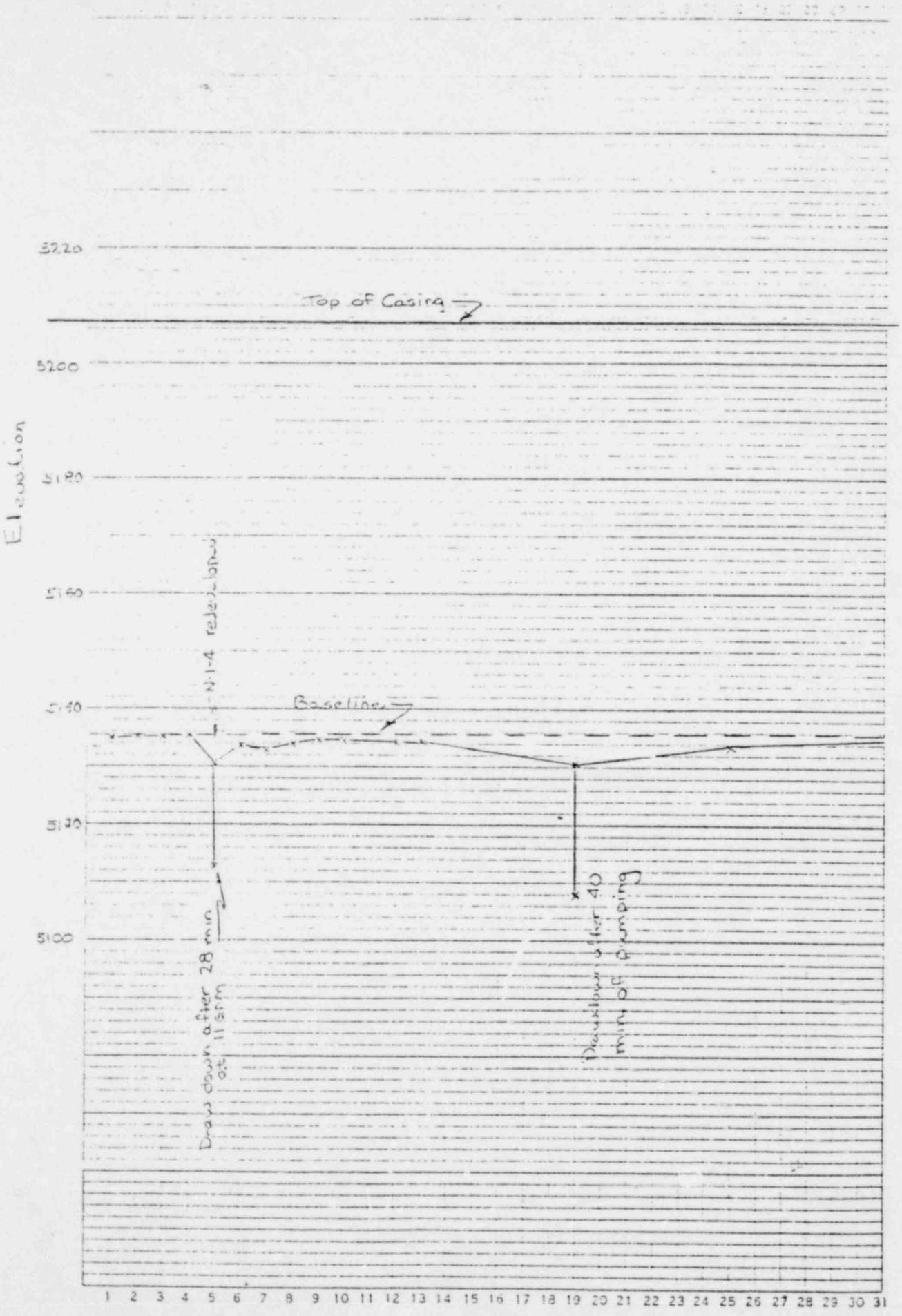
Remarks: ① after 40 minutes of dumping

(N-Zone)

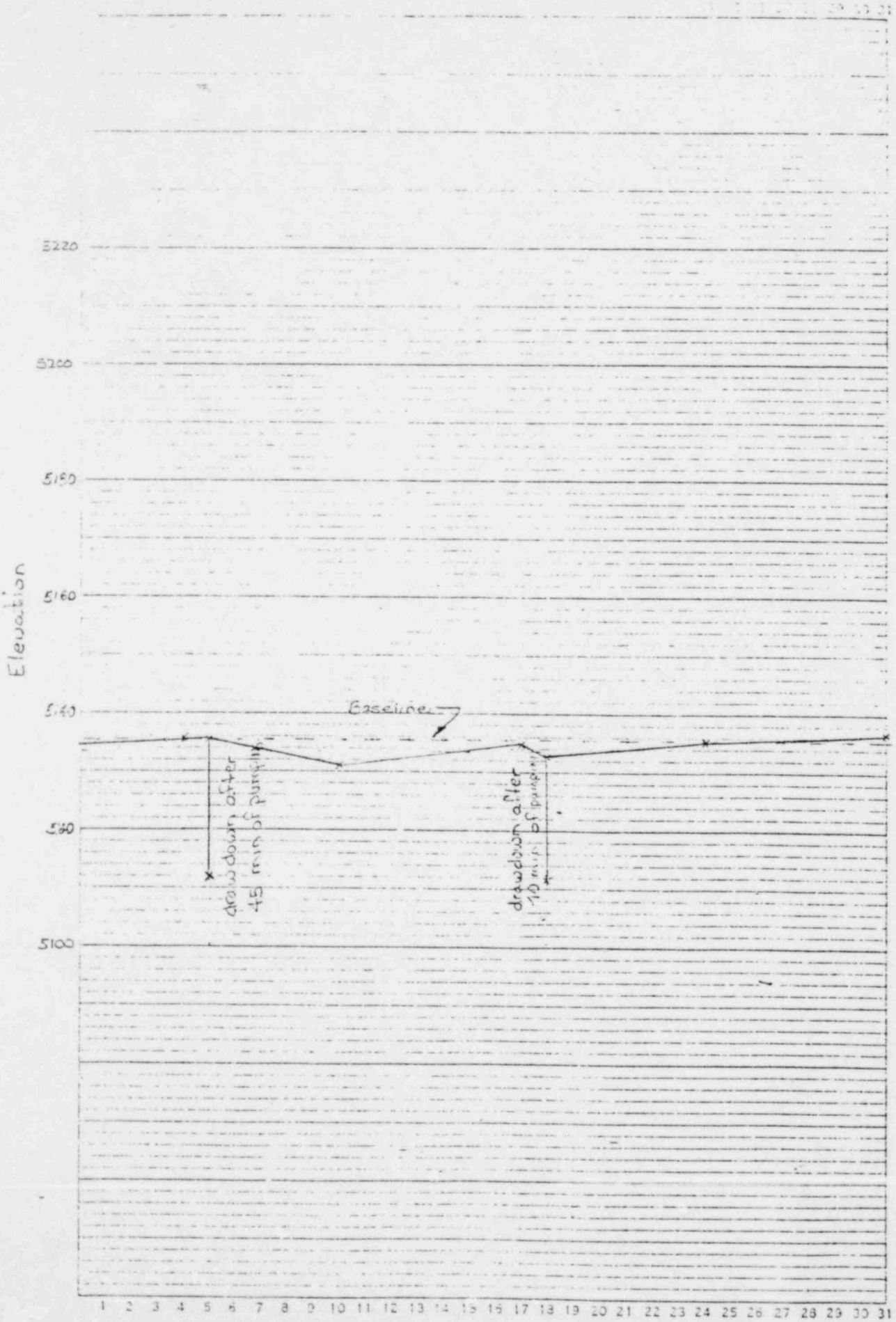


MONTH OF Jan 19 90

313
(N Zone)



MONTH OF FEB 19 80



MONTH OF Mar 19 80

WELL PN5-L320

Elev. of MP 5198.3

Aquifer Represented N

Baseline 5135.45

TIME		SWL	
Date	Hour	Depth	Elev.
6-25-79		63.7	5135.45
9-18-79		60.4	5137.90
10-15-79		65.64	5132.66
12-30-79	11:45 AM	75.30	5123.00
12-30-79	2:15 PM	77.72	5120.58
12-30-79	3:45 PM	79.59	5118.71
1-9-80	1:30 PM	68.3	5130.00
1-9-80	2:00 PM	84.54	5113.75
1-9-80	3:00 PM	85.54	5112.76
1-9-80	4:00 PM	86.50	5111.80
1-14-80		64.23	5134.27
1-15-80		63.60	5134.70
1-15-80	9:30	63.60	5134.70
1-15-80	2:00	80.20	5118.10
1-15-80	2:15	81.61	5116.69
1-16-80		63.32	5134.98
1-17-80		51.66	5141.64
1-19-80		63.62	5134.68
1-20-80		67.72	5130.58
1-21-80		62.47	5135.83

TIME		SWL	
Date	Hour	Depth	Elev.
1-22-80	9:00	63.45	5134.85
1-22-80	3:00	63.98	5134.32
1-23-80	9:00	62.49	5135.81
1-23-80	3:00	61.72	5136.58
1-24-80	9:00	62.53	5135.77
1-24-80	12:00	62.74	5135.56
1-24-80	1:00	62.67	5135.63
1-24-80	3:00	62.83	5135.47
1-25-80		62.55	5135.75
1-26-80	10:00	62.95	5135.35
1-27-80	1:00	62.78	5135.52
1-28-80	2:00	62.15	5136.15
1-29-80	9:00	63.24	5135.06
1-30-80	1:00PM	62.82	5135.48
1-31-80	1:00PM	65.97	5132.33
2-1-80	2:00 P.M	63.09	5135.21
2-2-80	11:00AM	62.32	5135.98
2-3-80	11:00 AM	62.68	5135.62
2-4-80	1:00 P.M	62.27	5136.03
2-5-80	10:00AM	66.63	5131.67

Remarks: 1/15/80 levels taken while pumping for sample collections
1-31-80 injection wells were shut off approx. 15 min. in each field.
3:30 PM. on 2-4-80 to 1:45 PM. on 2-5-80 N-1-4 redeveloped at approx. 10-15 GPM and 50 GPM for 5-10 min. every hour.

WELL PNS-L320

Elev. of MP 5198.3

Aquifer Represented N

Baseline 5125.45

TIME		SWL	
Date	Hour	Depth	Elev.
2-5-80	3:11PM	86.40	5111.90
2-6-80	3:00PM	63.94	5134.36
2-7-80	11:00AM	64.59	5133.71
2-8-80		62.88	5135.42
2-9-80		62.92	5135.38
2-10-80		62.08	5136.22
2-12-80	3:00PM	62.88	5135.42
2-13-80	9:00AM	63.15	5135.15
2-19-80	11:00AM	74.00	5124.30
2-25-80	1:00PM	63.32	5134.98
3-4-80	1:00PM	62.07	5136.23
3-10-80	1:00PM	65.50	5132.80
3-17-80	1:00PM	62.58	5135.72
3-17-80	3:00PM	78.52	5119.78
3-24-80	2:00PM	61.85	5136.45
3-31-80	2:00PM	61.63	5136.67

TIME		SWL	
Date	Hour	Depth	Elev.

Remarks: 3 (b) Level taken after well was pumped for 24 minutes.
" 30 " "

WELL N-M-1

Elev. of MP 5224.4

Aquifer Represented _____

TIME		SWL	
Date	Hour	Depth	Elev.
12-20-79	11:45AM	90.28	5134.12
12-21-79	2:15 PM	91.61	5132.79
12-31-79	3:45 PM	92.51	5131.89
1-15-80		89.45	5134.95
1-16-80	@ 2:35	109.9	5114.60
1-16-80	@	117.9	5106.60
1-16-80	@	119.3	5105.20
1-17-80		72.69	5151.71
1-18-80		92.67	5131.73
1-20-80		88.50	5135.90
1-21-80		87.95	5136.45
1-22-80	9:00	87.79	5136.61
1-22-80	3:00	89.52	5134.88
1-23-80	9:00	88.49	5135.91
1-23-80	3:00	88.95	5135.45
1-24-80	9:00	89.32	5135.08
1-24-80	3:00	89.52	5134.88
1-25-80		89.04	5135.36
1-26-80	10:00	89.07	5135.33
1-27-80	1:00	89.08	5135.32

TIME		SWL	
Date	Hour	Depth	Elev.
1-28-80	2:00	89.00	5135.40
1-29-80	9:00	89.59	5134.81
1-30-80	1:00 PM	89.17	5135.23
1-31-80	1:00PM	89.69	5134.71
2-1-80	2:00PM	89.33	5135.07
2-2-80	11:00AM	89.12	5135.28
2-3-80	11:00AM	89.40	5135.00
2-4-80	1:00 PM	88.97	5135.43
2-5-80	10:00AM	93.90	5130.50
2-5-80	4:18PM	112.99	5111.41
2-6-80	3:00PM	92.56	5131.84
2-7-80	11:00AM	93.67	5130.73
2-8-80		87.13	5137.27
2-9-80		89.55	5134.85
2-10-80		89.69	5134.71
2-12-80	3:00PM	89.61	5134.79
2-13-80	9:00AM	89.62	5134.78
2-19-80	11:00AM	93.42	5130.98
2-25-80	1:00PM	90.86	5133.54
3-4-80		89.71	5134.69

Remarks: 1-16-80 levels taken before, during and after being pumped
1-31-80 injection wells were shut off approx. 15 min. in each field
3:30 PM. on 2-4-80 to 1:45 PM. on 2-5-80 N-1-4 redeveloped at approx. 10-15 GPM and 50 GPM for 5-10 min. every hour
2-5-80 level was taken after 28 minutes of pumping.

WELL N-7m-1

Elev. of MP 5224.4

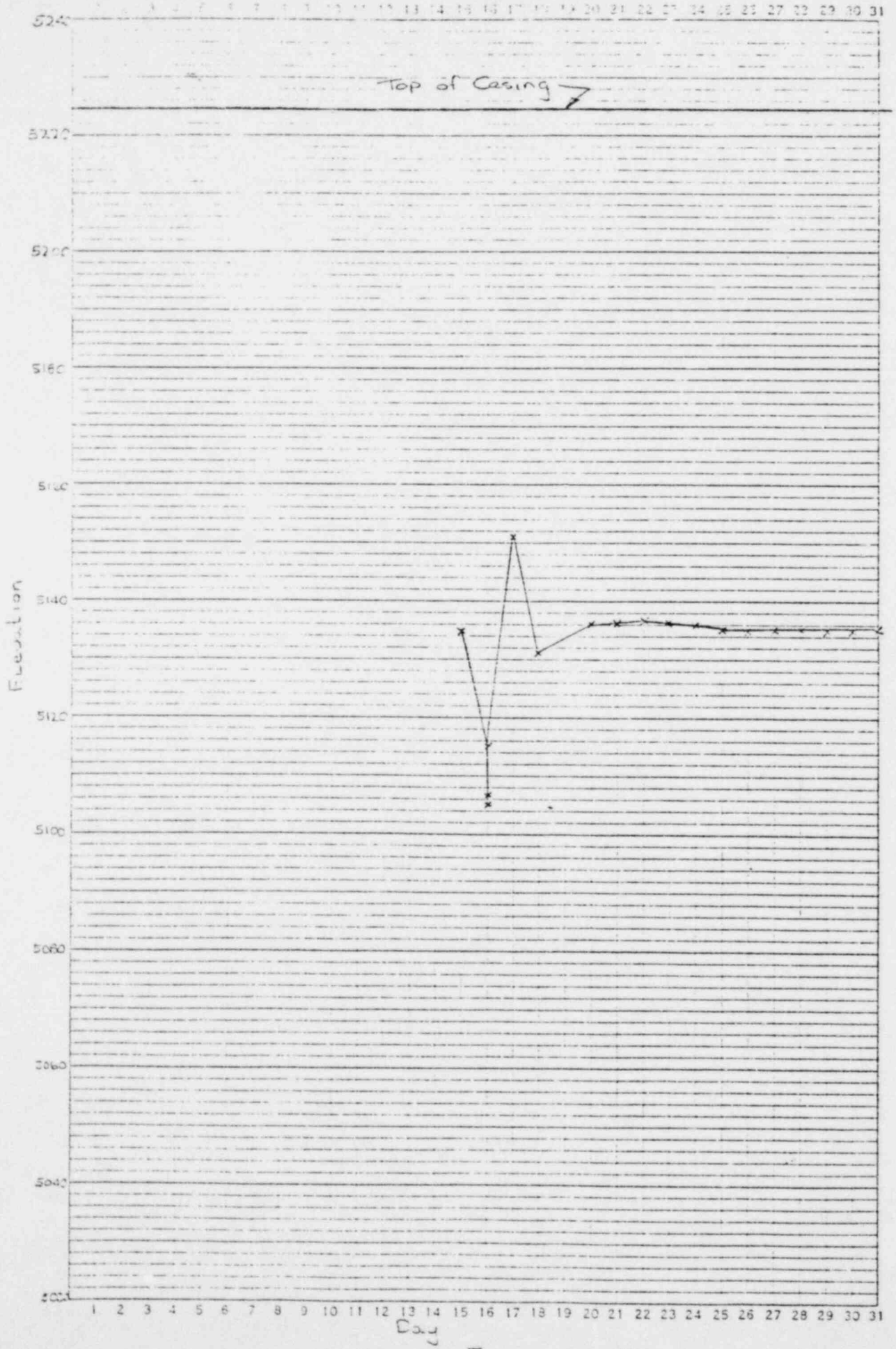
Aquifer Represented N

TIME		SWL	
Date	Hour	Depth	Elev.
3-10-80	1:00PM	92.64	5131.76
3-17-80	1:00PM	87.82	5136.58
3-24-80	2:00PM	88.19	5136.21
3-31-80	3:00PM	87.74	5136.66

TIME		SWL	
Date	Hour	Depth	Elev.

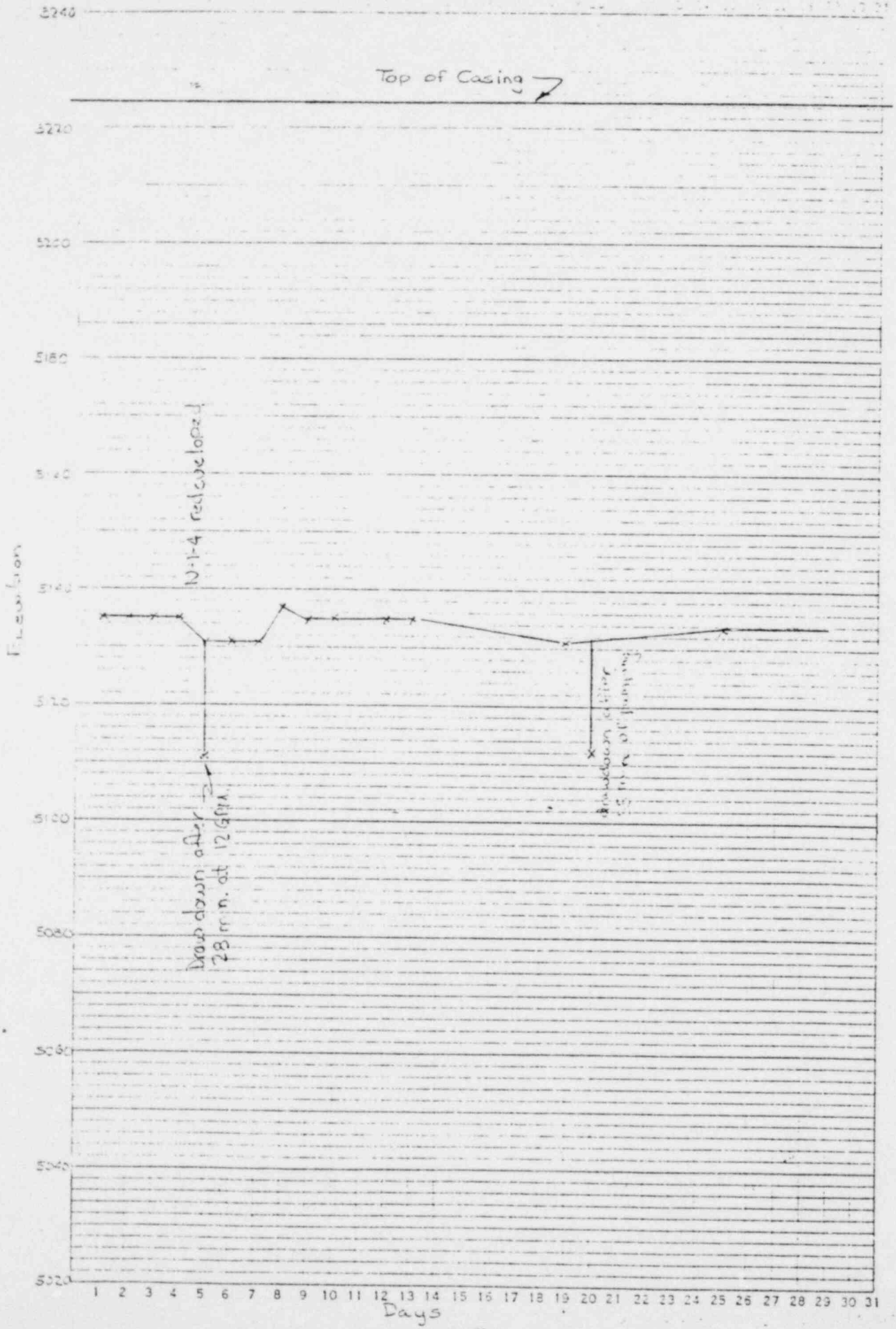
Remarks:

N-M-1



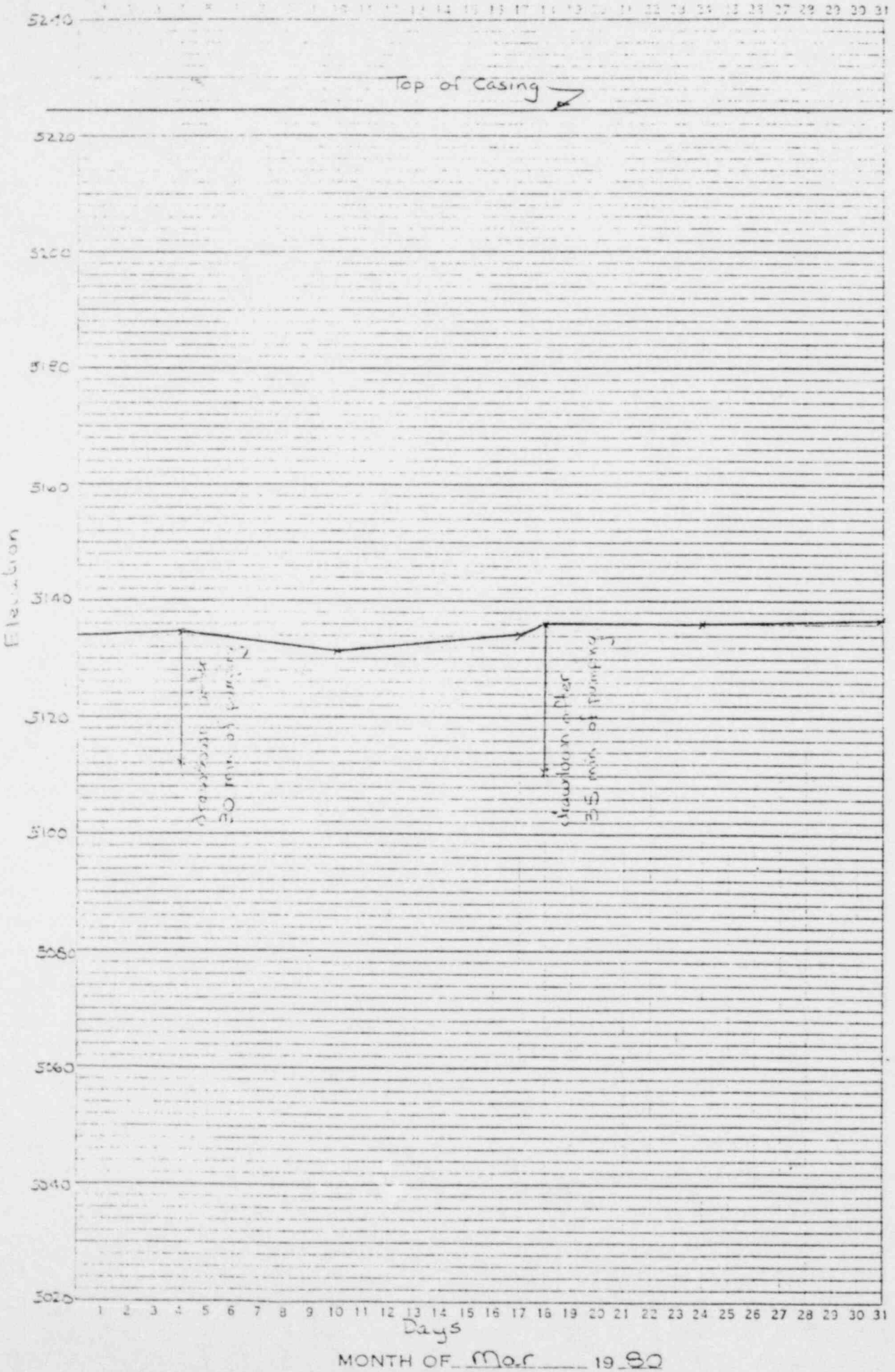
MONTH OF Jan 19 80

N-M-1



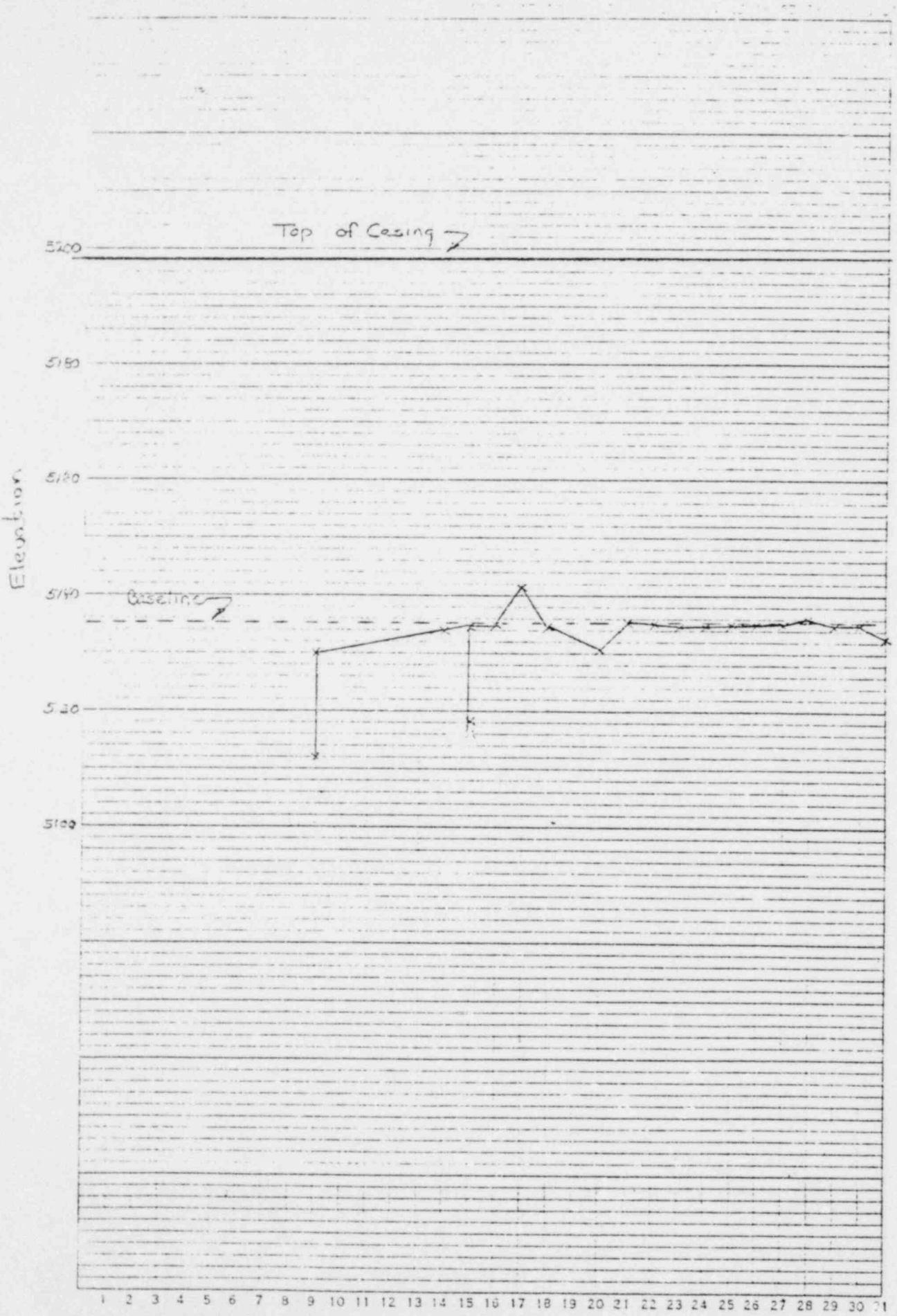
MONTH OF Feb 19 92

N-19-1



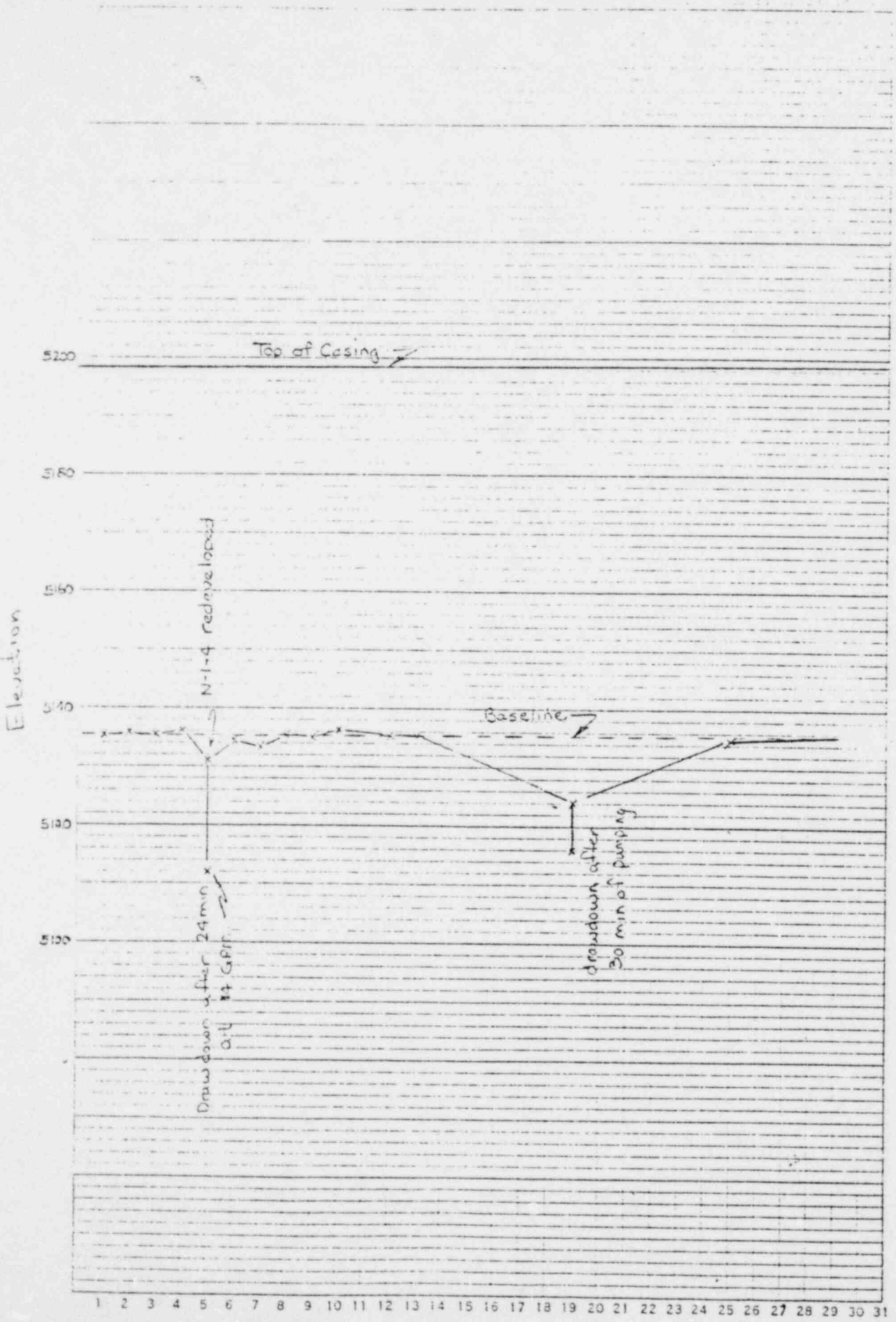
MONTH OF Mar 19 80

(N Zone)

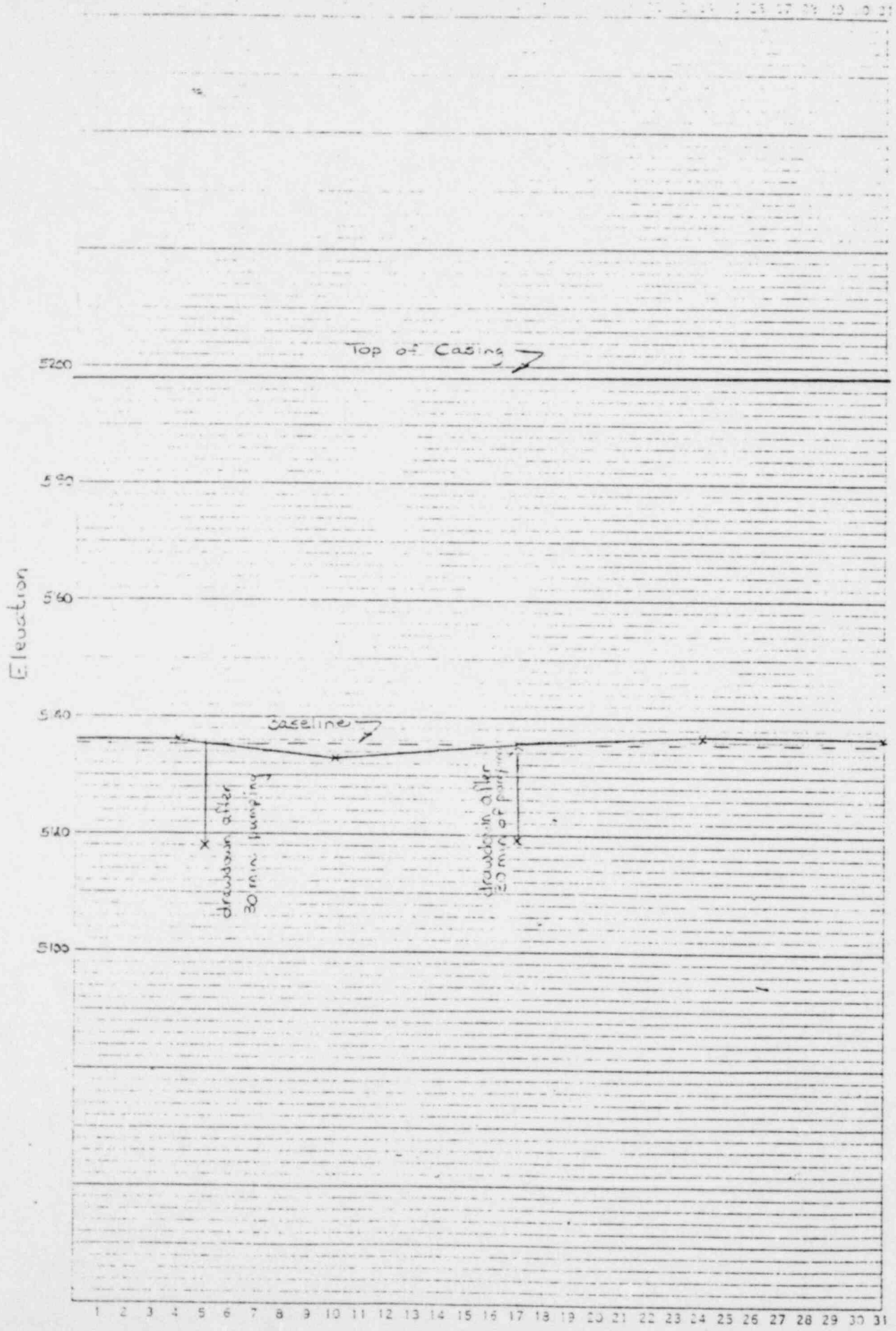


MONTH OF Jan 19 80

240
(N-Zone)



MONTH OF Feb 19 82



MONTH OF Mar 19 80

WELL PN5 - L 305

Elev. of MP 5218.9

Aquifer Represented M

Baseline 5157.25

TIME		SWL	
Date	Hour	Depth	Elev.
6-25-79		61.7	5157.30
9-18-79		77.1	5139.80
10-15-79		80.59	5138.31
1-14-80		85.85	5133.05
1-15-80		85.65	5133.25
1-16-80		85.46	5133.44
1-16-80	B 1:55	95.7	5123.20
	C	174.7	5034.20
	E	193.4	5025.50
1-17-80		85.57	5133.33
1-18-80		88.9	5130.00
1-20-80		85.42	5133.48
1-21-80		84.84	5134.06
1-22-80		85.20	5133.70
1-23-80	9:00	84.65	5134.25
1-23-80	3:00	84.99	5133.91
1-24-80	9:00	87.38	5131.52
1-24-80	3:00	87.93	5130.97
1-25-80		87.52	5131.38
1-26-80	10:00	88.26	5130.64

TIME		SWL	
Date	Hour	Depth	Elev.
1-27-80	1:00	85.89	5133.01
1-28 80	2:00	84.45	5134.45
1-29-80	9:00	86.78	5132.12
1-30-80	1:00 PM	86.12	5132.78
1-31-80	1:00 P.M	87.95	5130.95
2-1-80	2:00 PM	87.63	5131.27
2-2-80	11:00 AM	86.52	5132.38
2-3-80	11:00 A M	87.09	5131.81
2-4-80	1:00 PM	86.10	5132.80
2-5-80	12:00 PM	85.97	5132.93
2-5-80	1:29 PM	173.67	5045.23
2-6-80	3:00 PM	85.26	5133.64
2-7-80	11:00 AM	85.32	5133.58
2-8-80	2:00 PM	85.21	5133.69
2-9 80	11:00 AM	84.73	5134.17
2-10 80	11.00 A.M.	84.70	5134.20
2-12-80	3:00 P.M	95.64	5123.26
2-13-80	9:00 A.M.	71.77	5147.13
2-19-80	2:00 PM	89.20	5129.70
2-20-80	9:30 A.M.	182.41	5036.49
2-25-80	1:00 PM	93.59	5125.21

Remarks: ① 1-31-80 injection wells were shut off approx. 15 min. in each field.
② 2-5-80 level was taken after 32 min of pumping.
③ 3:50 PM on 2-11-80 to 2:00 PM. on 2-12-80 TW-1-4 redeveloped at approx. 10-15 GPM and 50 GPM for 5-10 min. every hour.
④ 2-20-80 [illegible]

WELL PNS-4305

Elev. of MP 5218.9

Aquifer Represented M

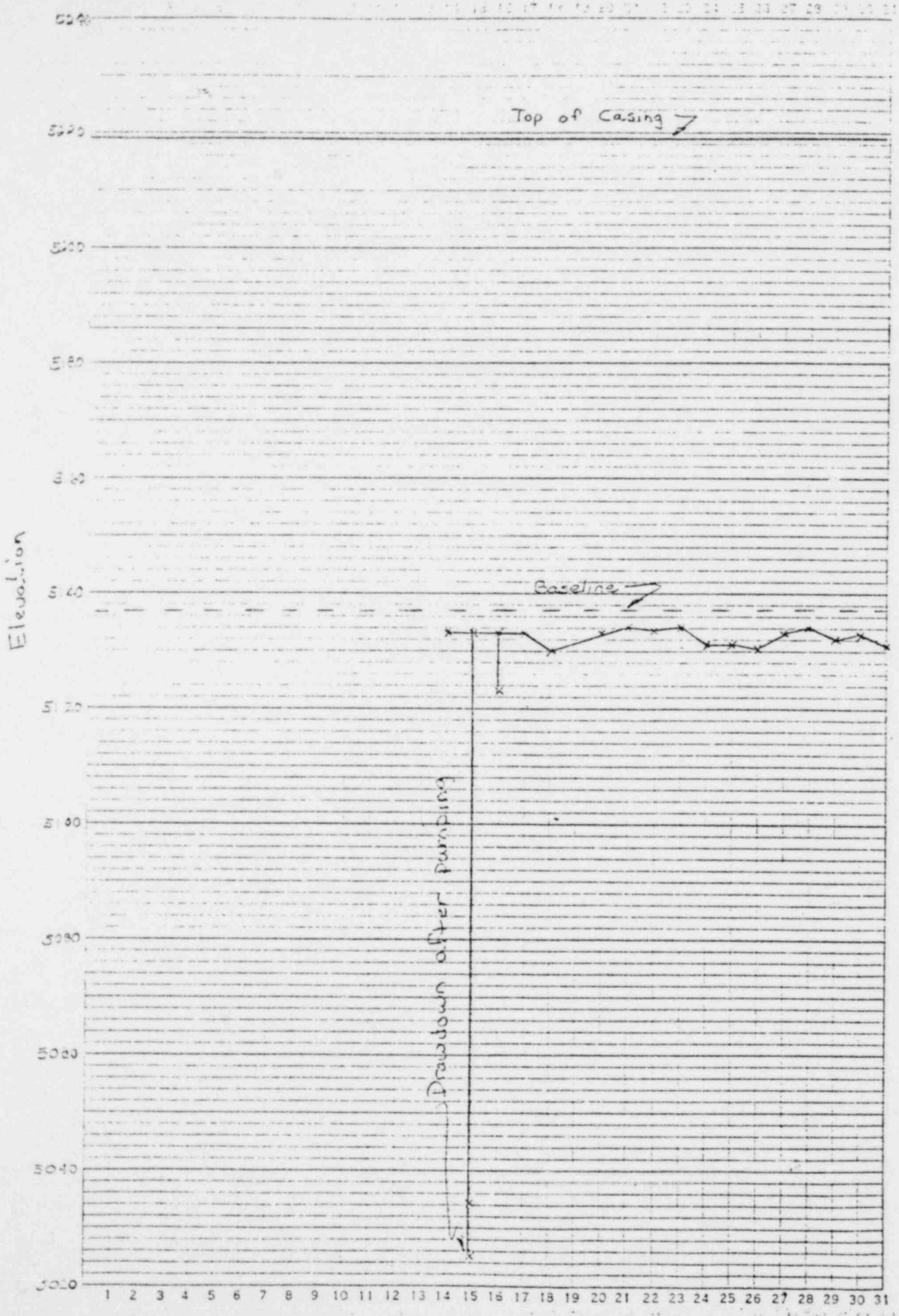
Baseline 5157.25

TIME		SWL	
Date	Hour	Depth	Elev.
3-4-80	1:00	85.52	5133.38
3-5-80		85.21	5133.69
② 3-5-80		179.00	5039.00
3-10-80	1:P.M.	85.40	5133.50
3-17-80	1:PM	87.16	5131.74
3-18-80	12:00 PM	87.34	5131.56
3-19-80	1:20 PM	179.91	5039.09
3-24-80	2:00PM	85.58	5133.32
3-31-80	2:00PM	84.25	5134.65

TIME		SWL	
Date	Hour	Depth	Elev.

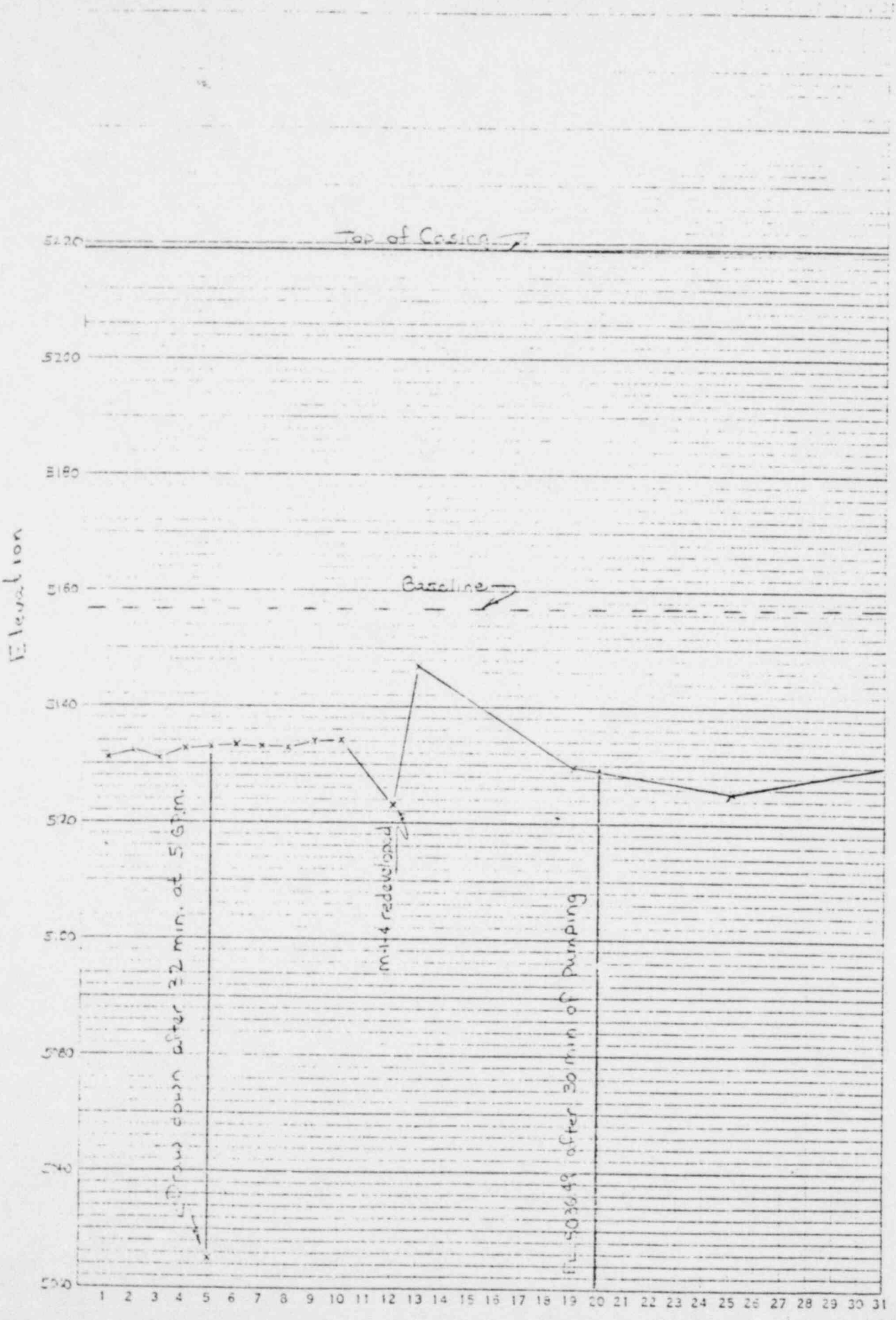
Remarks: ② After 30 minutes of pumping

(M Zone)



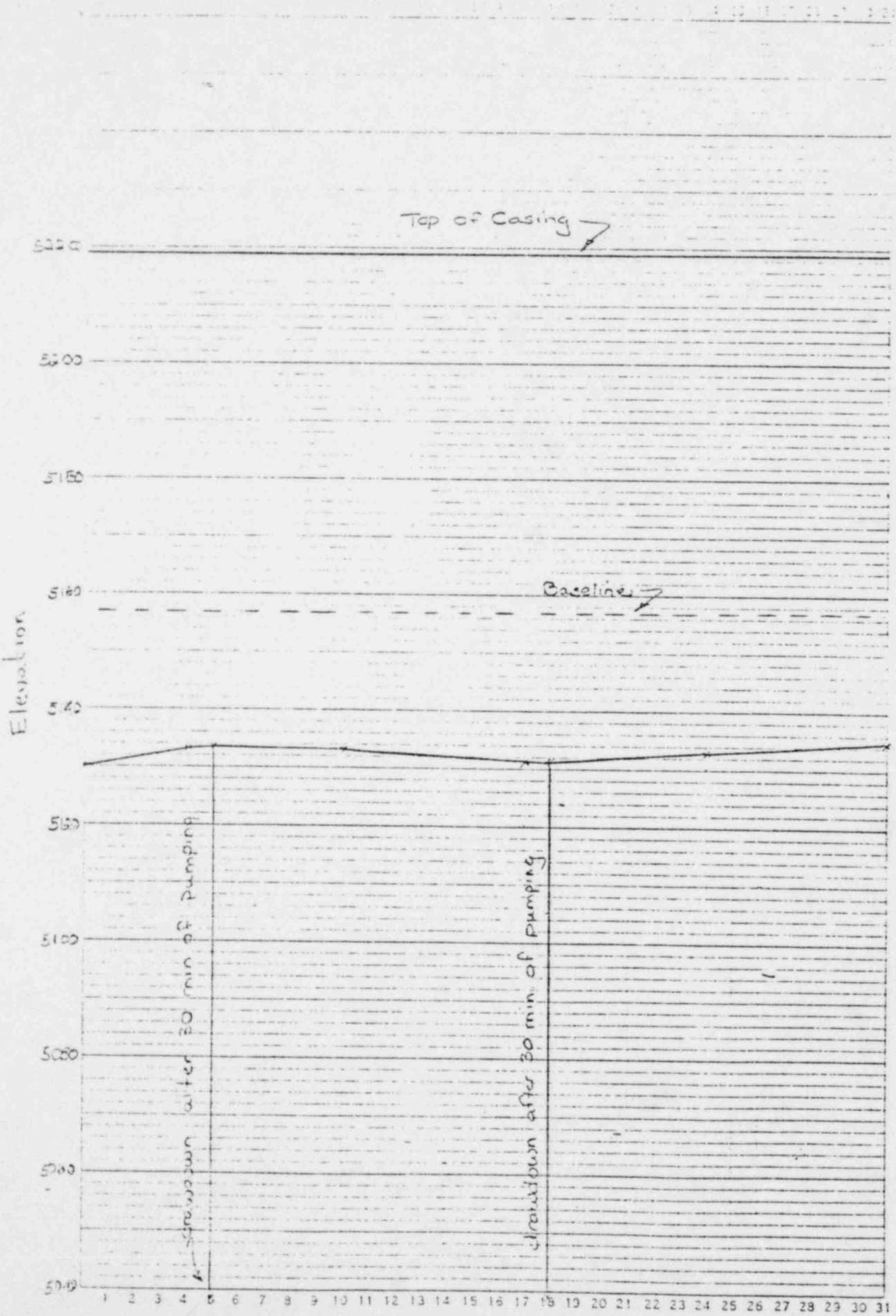
MONTH OF Jan 19 80

(M Zone)



MONTH OF Feb. 19 82

302
(M Zone)



MONTH OF March 19 80

WELL M-M-1

Elev. of MP 5201.0

Aquifer Represented Tm

TIME		SWL	
Date	Hour	Depth	Elev.
1-14-80		67.56	5133.44
1-15-80		67.37	5133.63
1-16-80	8 1:17	76.6	5124.40
1-16-80	A	136	5065.00
1-16-80	E	139.1	5062.90
1-17-80		67.95	5133.15
1-18-80	9:30	71.17	5129.93
1-20-80		66.98	5134.02
1-18-80	11:35	94.28	5106.72
1-21-80		66.76	5134.24
1-22-80	9:00	67.01	5133.99
1-22-80	3:00	67.23	5133.77
1-23-80	9:00	67.23	5133.77
1-23-80	3:00	67.67	5133.33
1-24-80	9:00	68.38	5132.62
1-24-80	3:00	69 03	5131.97
1-25-80		70.12	5130.88
1-26-80	10:00	69 09	5131.91
1-27-80	1:00	67.73	5133.27
1-28-80	2:00	68.25	5132.75

TIME		SWL	
Date	Hour	Depth	Elev.
1-29-80	9:00	68.23	5132.77
1-30-80	1:00 PM	68.30	5132.70
1-31-80	1:00 PM	70.74	5130.26
2-1-80	2:00PM	68.63	5132.37
2-2-80	11 00AM	68.54	5132.46
2-3-80	11:00A.M	68.34	5132.66
2-4-80	1:00PM	67.54	5133.46
2-5-80	11:50 A.M	67.61	5133.39
2-5-80	2:09PM	128.22	5072.78
2-6-80	3:00PM	66.09	5134.91
2-7-80	11:00AM	66.69	5134.31
2-8-80		66.87	5134.13
2-9-80		66.98	5134.02
2-10-80		66.80	5134.20
2-12-80	3:00P.M.	77 70	5123.30
2-13-80	9:00A.M	89 60	5111.40
2-19-80	2:00 P.M	67.65	5133.35
2-25-80	1:00P.M	66.62	5134.38
3-4-80		67.57	5133.43
3-10-80	1:00PM	67 30	5133 70

Remarks: 1-16-80 / 1-18-80 levels taken while pumping for sample collection.
1-31-80 injection wells were shut off approx 15 min in each field
2-5-80 level was taken after 29 min of the well being pumped.
@ 3:50 P.M. on 2-11-80 to 2:00 PM on 2-12-80 M-1-4 redeveloped.
at approx. 10-15 GPM and 50 GPM for 5-10 min every hour.

WELL M-M-1

Elev. of MP 5201.0

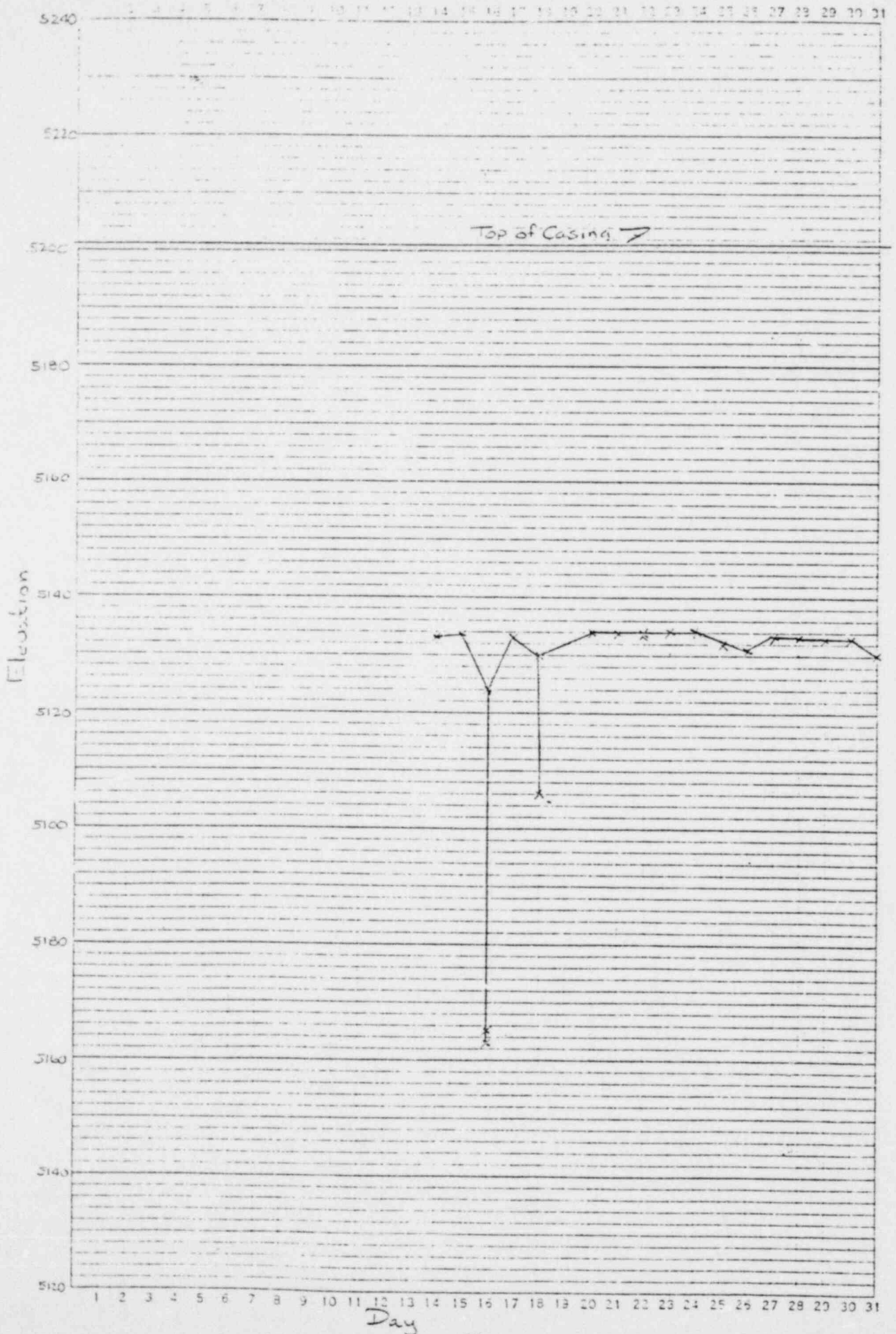
Aquifer Represented M

TIME		SWL	
Date	Hour	Depth	Elev.
3-7-80	1:00PM	68.00	5133.24
3-24-80	2:00PM	67.76	5133.24
3-31-80	2:00PM	67.00	5134.00

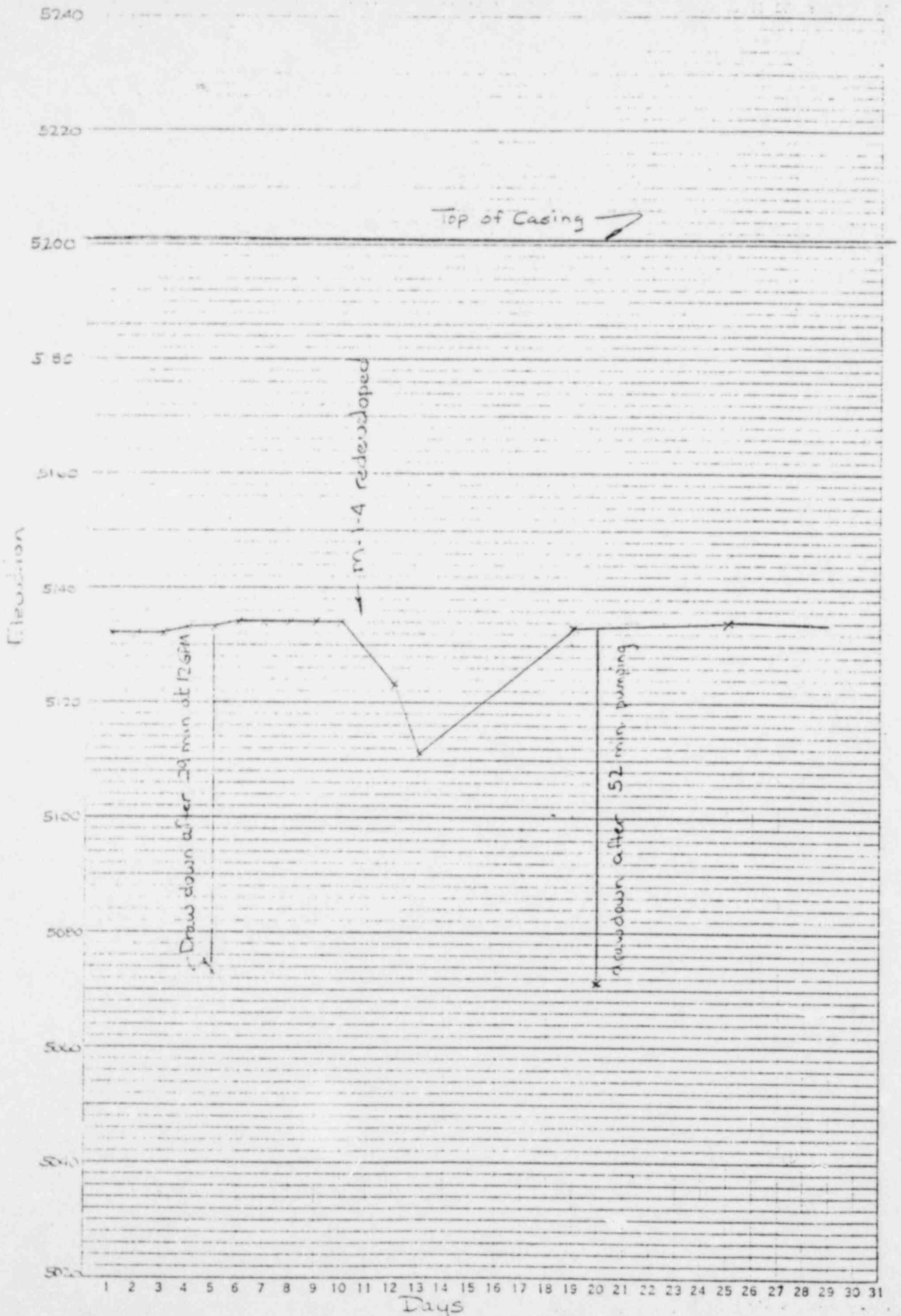
TIME		SWL	
Date	Hour	Depth	Elev.

Remarks:

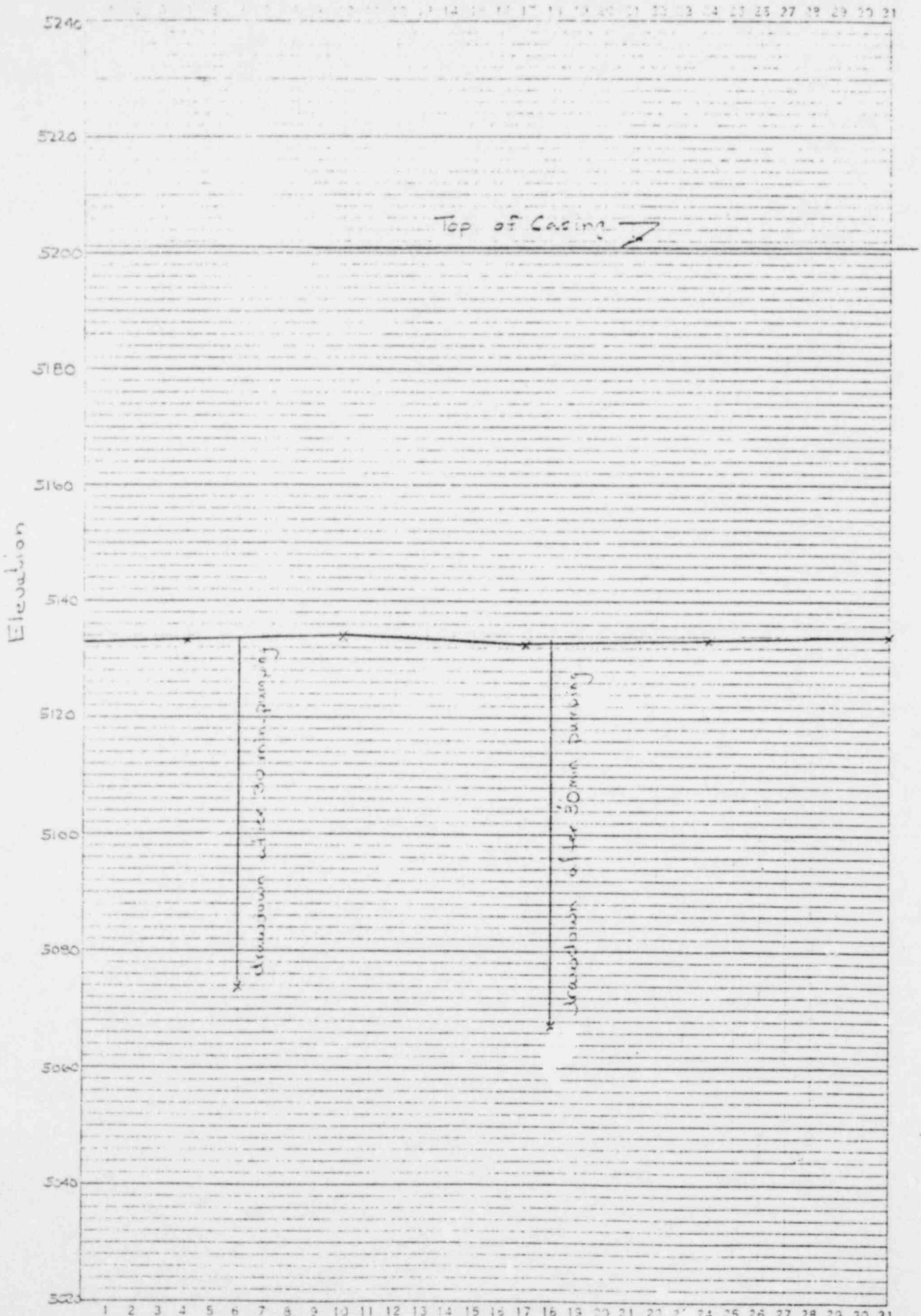
M-M-1



MONTH OF Jan. 19 80


5240
5220
Top of Casing
5200
5180
5160
5140
5120
5100
5080
5060
5040
5020
Elevation
M-1-4 redeveloped
Draw down after 39 min at 12 GPM
drawdown after 52 min pumping
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
Days
MONTH OF FEB 19 80

M-MW-1



MONTH OF Mar 19 80

WELL FN5-L576

Elev. of MP 5196.3

Aquifer Represented M

Baseline 5137.90

TIME		SWL	
Date	Hour	Depth	Elev.
6-25-79		58.4	5137.90
9-18-79		56.3	5140.00
10-15-79		57.67	5138.63
1-14-80		62.72	5133.57
1-15-80		62.56	5133.74
1-15-80	9:30	62.56	5133.74
1-15-80	3:15	99.73	5096.57
1-15-80	3:30	103.23	5093.07
1-16-80	.	62.40	5133.90
1-17-80		62.82	5133.48
1-18-80		64.92	5131.38
1-20-80		62.32	5133.98
1-21-80		62.12	5134.18
1-22-80	9:00	61.49	5134.81
1-22-80	3:00	62.68	5133.62
1-23-80	9:00	63.20	5133.10
1-23-80	3:00	63.23	5133.07
1-24-80	9:00	64.03	5132.27
1-24-80	3:00	64.46	5131.84
1-25-80		65.32	5130.98

TIME		SWL	
Date	Hour	Depth	Elev.
1-26-80	10:00	64.64	5131.66
1-27-80	1:00	63.81	5132.49
1-28-80	2:00	63.88	5132.42
1-29-80	9:00	64.28	5132.02
1-30-80	1:00PM	65.02	5131.28
1-31-80	1:00PM.	66.28	5130.02
2-1-80	2:00PM	65.48	5130.82
2-2-80	11:00AM	64.38	5131.92
2-3-80	11:00A.M.	64.06	5132.24
2-4-80	1:00PM	63.80	5132.50
2-5-80	10:00A.M.	63.65	5132.65
2-6-80	3:00PM	62.75	5133.55
2-7-80	10:35A.M	62.78	5133.52
2-7-80	11:04A.M	102.87	5093.43
2-8-80		63.01	5133.29
2-9-80		62.84	5133.46
2-10-80		62.87	5133.43
2-12-80	3:00P.M.	76.94	5119.36
2-13-80	9:00A.M.	68.11	5128.19
2-19-80	2:00PM	64.71	5131.59

Remarks: 1-15-80 levels taken while pumping for sample collection
1-31-80 injection wells were shut off approx 15 min in each field.
2-7-80 level taken after 26 minutes of well being pumped.
2:50 P.M. on 2-11-80 to 2:00 P.M. on 2-12-80 M-1-4 redeveloped at approx. 10-15 GPM and 50 GPM for 5-10 min every hour.

WELL YM5-L576

Elev. of MP 5196.3

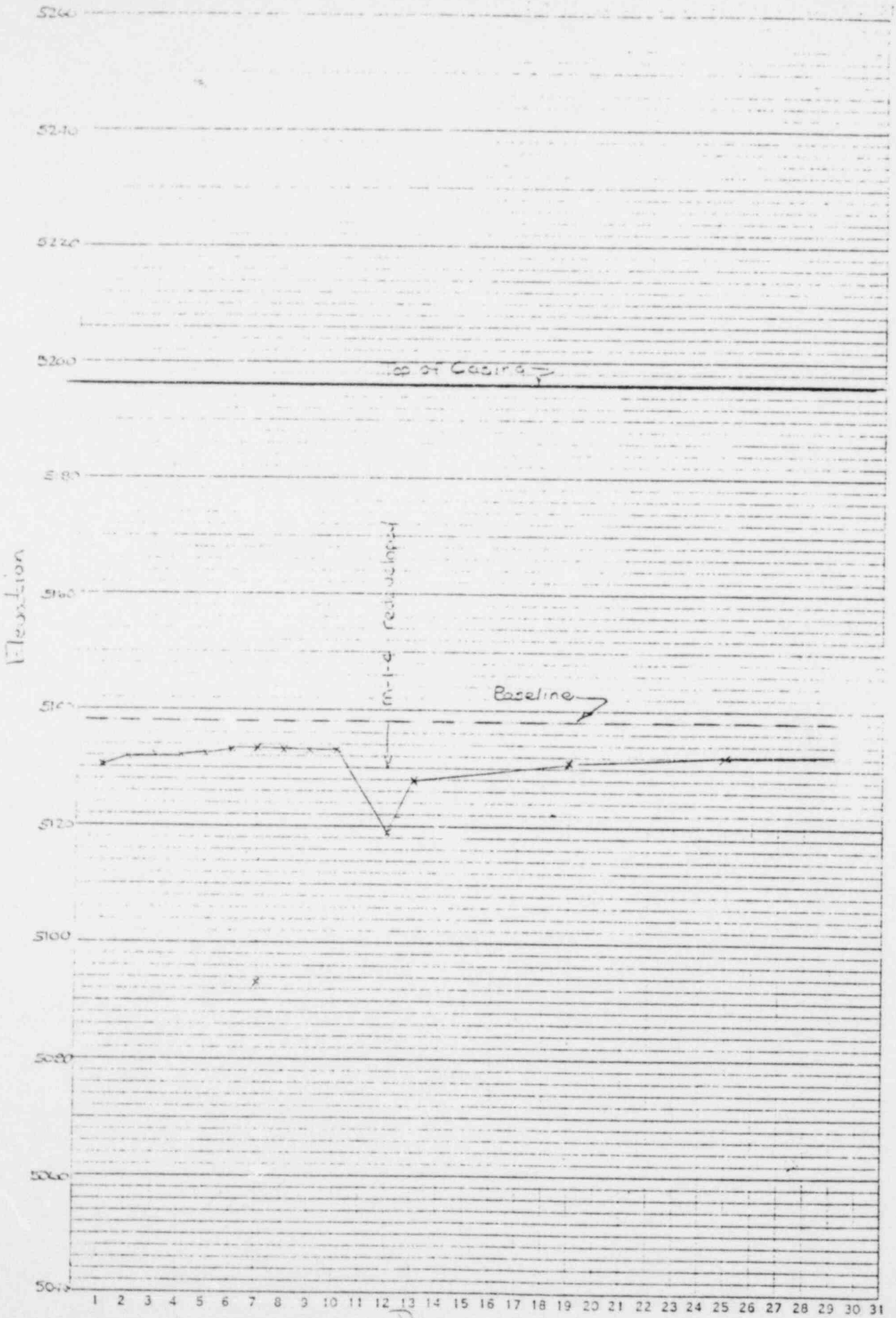
Aquifer Represented Tm

Baseline 5137.73

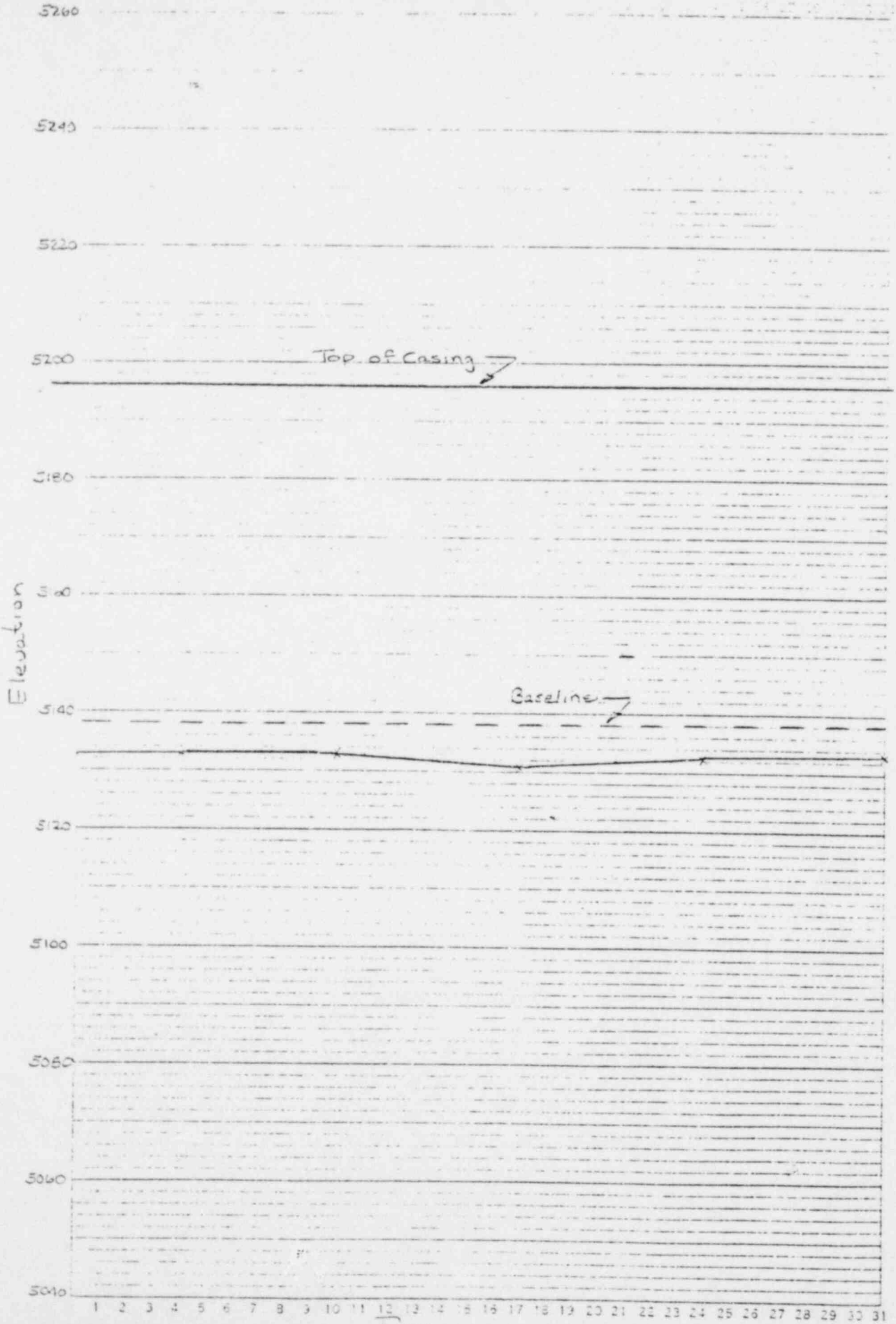
TIME		SWL	
Date	Hour	Depth	Elev.
2-3-90	1:00PM	64.43	5131.87
3-4-90		63.70	5132.60
3-10-90	1:00PM	63.50	5132.80
3-17-90	1:00P.M.	65.88	5130.42
3-24-90	1:00 P.M.	64.23	5132.07
3-31-90	1:00 P.M.	62.25	5134.05

TIME		SWL	
Date	Hour	Depth	Elev.

Remarks:



MONTH OF Feb 19 80



MONTH OF March 19 80

WELL M-M-2

Elev. of MP 5212.2

Aquifer Represented _____

TIME		SWL	
Date	Hour	Depth	Elev.
1-14-80		76.66	5135.54
1-15-80		78.94	5133.36
1-16-80	B 11:19	81.5	5130.70
1-16-80	D	116.1	5096.20
1-16-80	E	114.1	5098.60
1-17-80		78.92	5133.39
1-17-80	B	81.23	5130.97
1-20-80		79.27	5132.93
1-18-80	D	115.01	5097.19
1-18-80	E	115.95	5096.25
1-21-80		78.37	5133.83
1-22-80	9:00	77.91	5134.29
	3:00	79.82	5132.38
1-23-80	9:00	77.60	5134.60
	3:00	80.29	5131.91
1-24-80	9:00	80:09	5132.11
	3:00	80:32	5131.88
1-25-80		80.06	5132.14
1-26-80	10:00	80.17	5132.03
1-27-80	1:00	78.74	5133.46

TIME		SWL	
Date	Hour	Depth	Elev.
1-28-80	2:00	78.73	5133.47
1-29-80	9:00	79.18	5133.02
1-30-80	1:00PM.	79.28	5132.92
1-31-80	1:00PM.	80.73	5131.47
2-1-80	2:00PM	79.55	5132.65
2-2-80	11:00AM	78.89	5133.31
2-3-80	11:00Am.	77.50	5134.70
2-4-80	1:00Pm.	78.23	5133.97
2-5-80	10:00Am	78.30	5133.90
2-5-80	10:05AM	below 130.00	
2-6-80	3:00Pm	76.52	5135.67
2-7-80	11:00Am	78.00	5134.20
2-8-80		77.55	5134.65
2-9-80		77.21	5134.99
2-10-80		77.07	5135.13
2-12-80		79.64	5132.56
2-13-80		82.23	5129.97
2-19-80		79.01	5133.19
2-25-80	1:00PM.	78.98	5133.22
3-4-80		77.76	5134.44

Remarks: B before pumping well for water sample
D during pumping well for water sample
E water level just prior to turning off pump.
@ 1-16-80 & 1-18-80 levels taken while pumping for sample COLLECTION
$ 1-31-80 injection wells were shut off approx. 15 min. in each field.
@ 2-5-80 level taken after well had been pumped for 32 minutes.
X 3:50 P.M. on 2-11-80 to 2:00 PM. on 2-12-80 M-1-4 redeveloped at approx 10-15 GPM and 50 GPM for 5-10 min every hour.

WELL M.M-2

Elev. of MP 5212.2

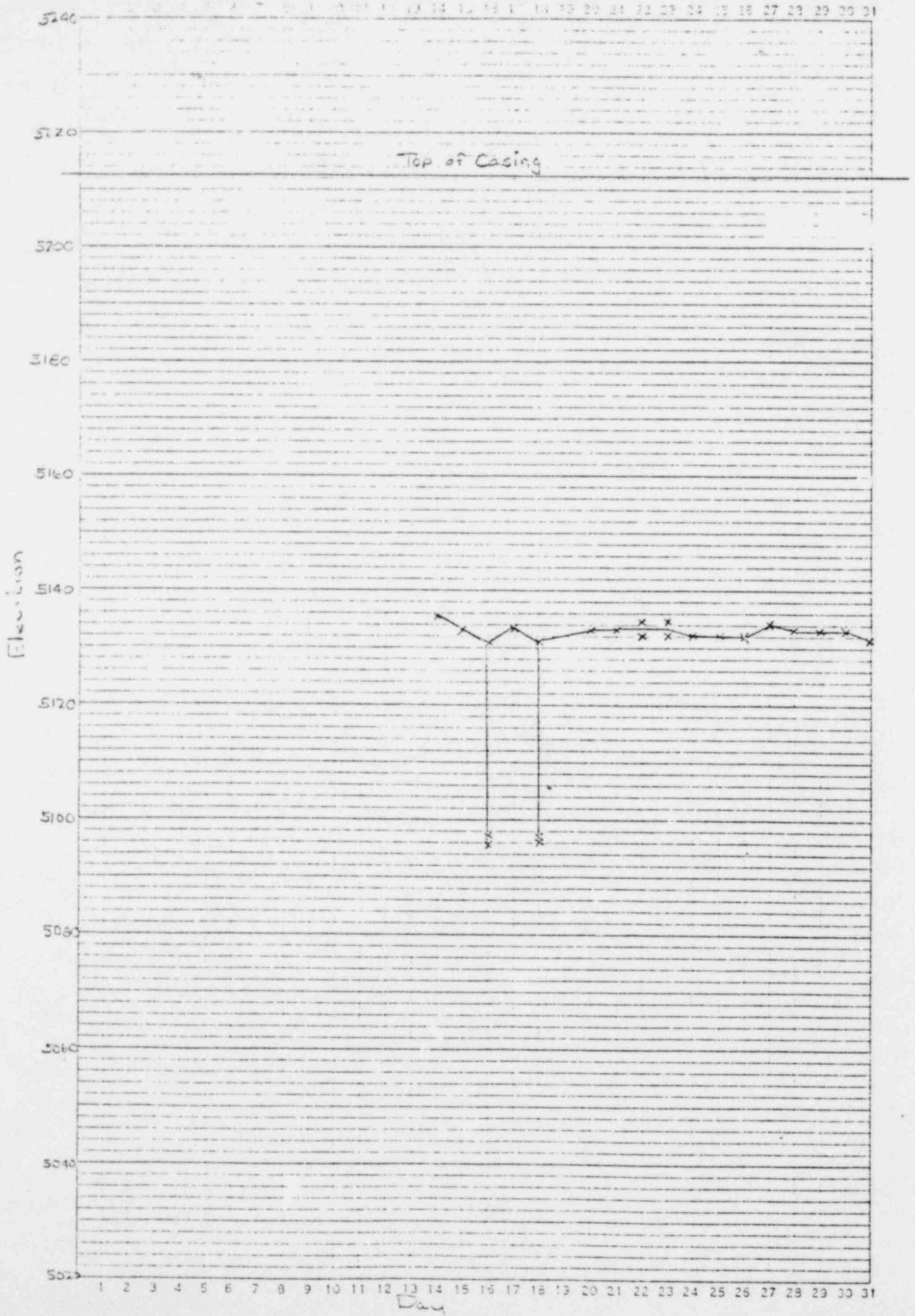
Aquifer Represented _____

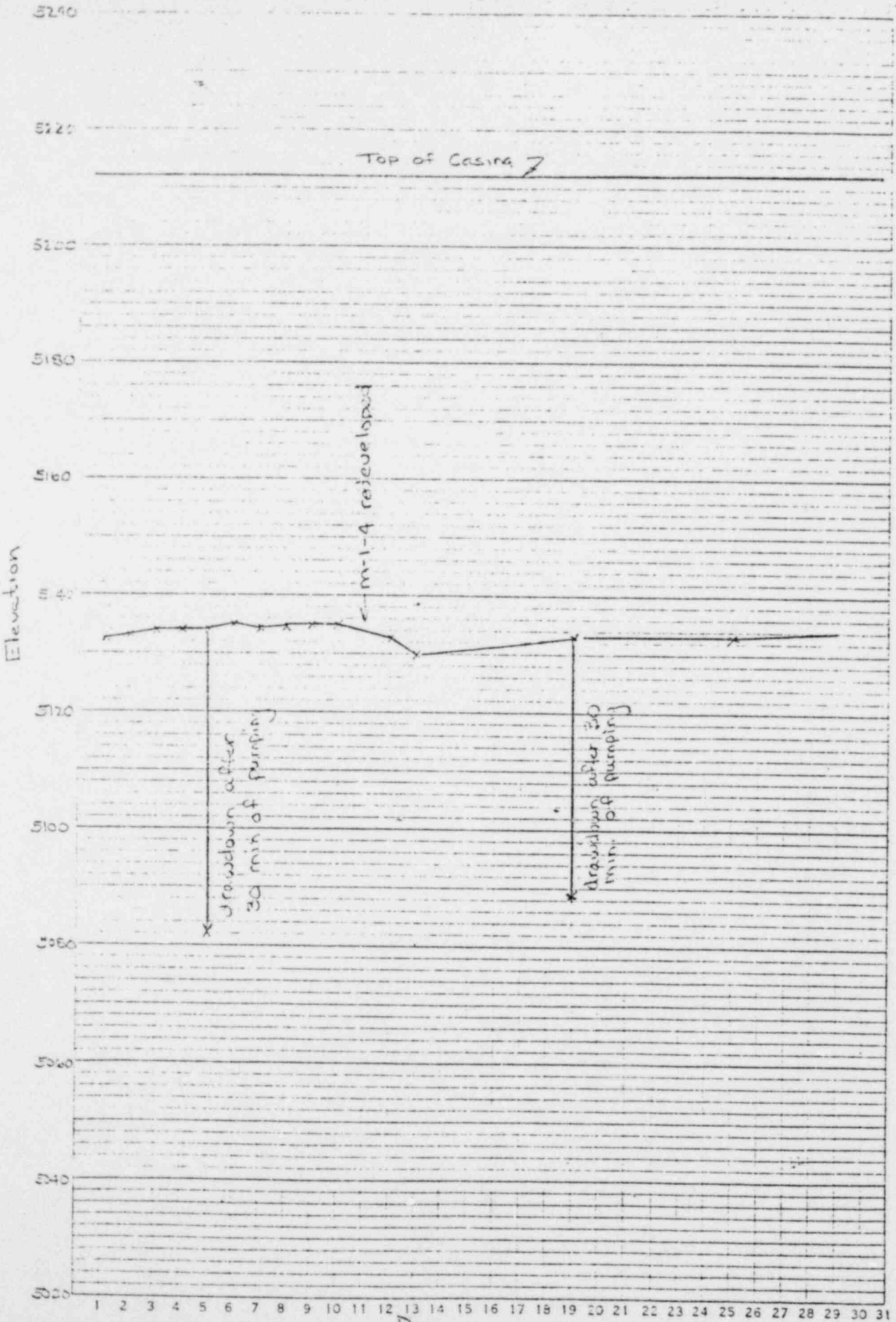
TIME		SWL	
Date	Hour	Depth	Elev.
3-10 80	1:00PM	78.06	5134.14
3-17 80	1:00P.M.	77.97	5134.23
3-24-80	2:00P.M.	78.57	5133.63
3-31-80	2:00P.M.	77.33	5134.87

TIME		SWL	
Date	Hour	Depth	Elev.

Remarks:

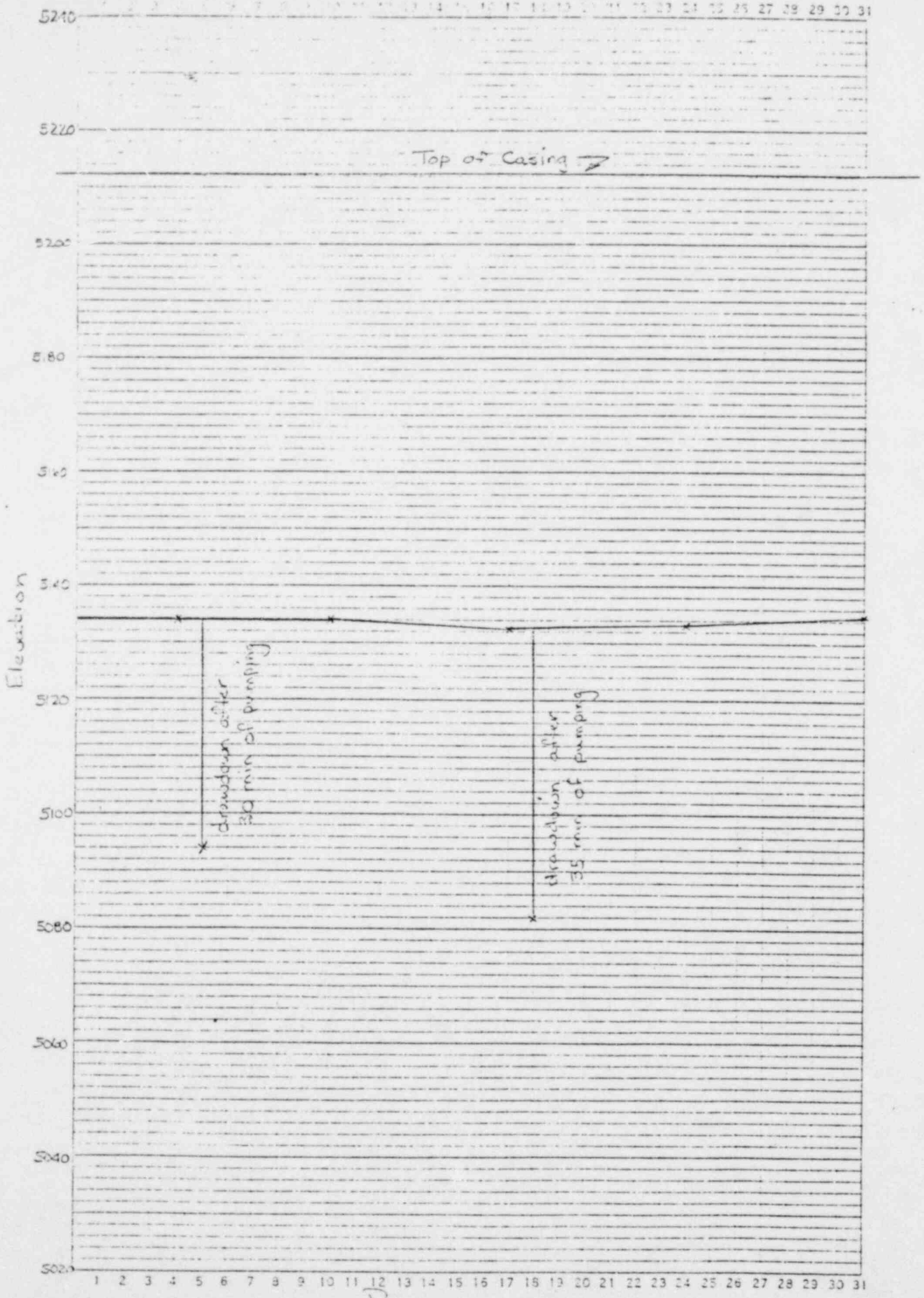
M-M-2


5240
5220
Top of Casing
5200
5180
5160
5140
5120
5100
5080
5060
5040
5020
Elevation
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
Day
MONTH OF Jan 19 80



MONTH OF FEB 19 80

m - m - 2



MONTH OF Mar. 19 50

WELL PN5-L575

Elev. of MP 5213.2

Aquifer Represented M

Baseline 5137.65

TIME		SWL	
Date	Hour	Depth	Elev.
6-25-79		75.6	5137.60
9-18-79		75.0	5138.20
10-15-79		74.65	5138.55
1-14-80		79.86	5133.34
1-15-80		79.71	5133.49
1-16-80		79.66	5133.54
1-16-80	B 12:03	108.4	5104.80
	D	117.3	5095.90
	E	139.5	5073.70
1-17-80		80.16	5133.04
1-18-80		93.05	5120.15
1-21-80		79.09	5134.11
1-22-80	9:00	79.19	5134.01
1-22-80	3:00	79.13	5134.07
1-23-80	9:00	76.94	5136.26
1-23-80	3:00	77.69	5135.51
1-24-80	9:00	79.48	5133.72
	12:00	79.76	5133.44
	1:00	80.19	5133.01
	3:00	80.08	5133.12

TIME		SWL	
Date	Hour	Depth	Elev.
1-25-80		80.08	5133.12
1-26-80	10:00	79.61	5133.59
1-27-80	1:00	78.82	5133.38
1-28-80	2:00	78.71	5134.49
1-29-80	9:00	78.58	5134.62
1-30-80	1:00PM	79.15	5134.05
1-31-80	1:00PM	80.86	5132.34
2-1-80	2:00PM	79.93	5133.27
2-2-80	11:00AM	79.22	5133.98
2-3-80	11:00AM	79.17	5134.03
2-4-80	1:00PM	78.63	5134.57
2-5-80	10:00AM	78.18	5135.02
2-5-80	11:28AM	116.33	5096.87
2-6-80	3:00PM		
2-7-80	11:00AM	77.70	5135.50
2-8-80		76.74	5136.46
2-9-80		77.44	5135.76
2-10-80		77.06	5136.14
2-12-80	3:00PM	91.53	5121.67
2-13-80	9:00AM	82.04	5131.16

Remarks: 1-16-80 levels taken while pumping for sample collection.
1-31-80 injection wells were shut off approx. 15 min in each field.
2-5-80 Level taken after well had pumped for 31 minutes.
2-11-80 3:50 PM. to 2-12-80 2:00 PM. M-1-4 redeveloped at approx. 10-15 GPM and 50 GPM for 5-10 min every hour.

WELL PMS-L575

Elev. of MP 5213.20

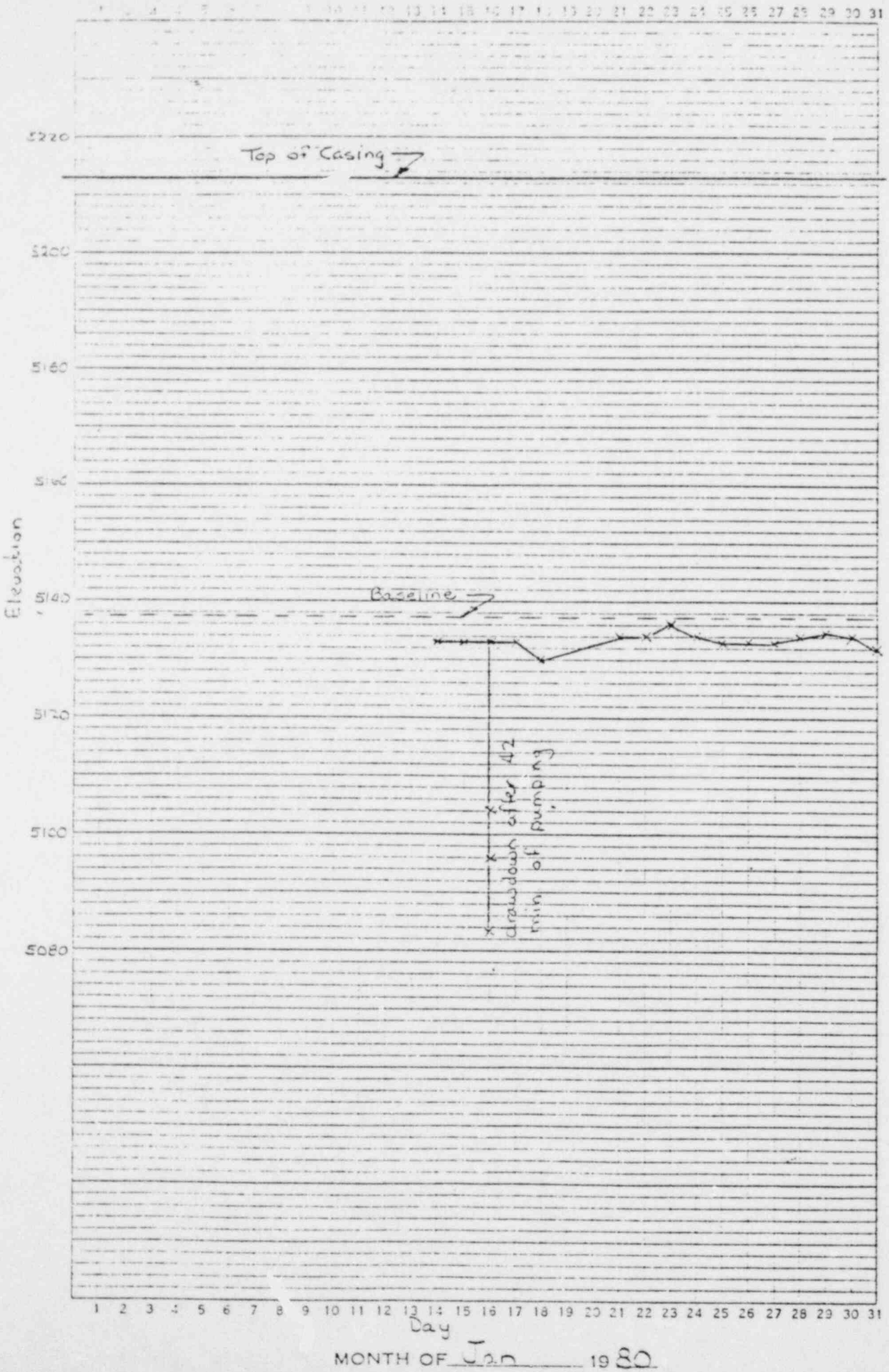
Aquifer Represented Tm

Baseline 5137.65

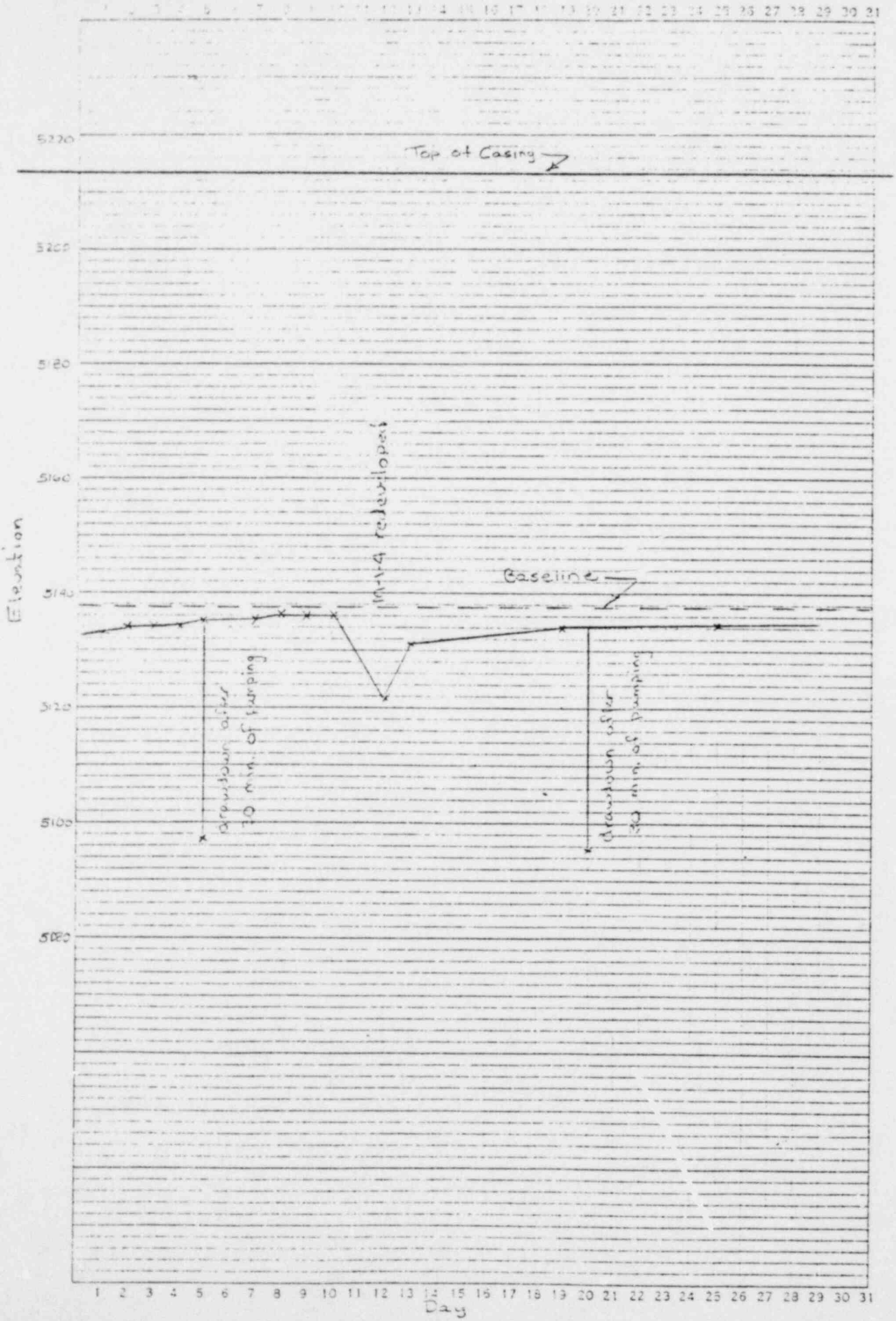
TIME		SWL	
Date	Hour	Depth	Elev.
2-19-80	2:00PM	79.10	5134.10
2-25-80	1:00PM	78.68	5134.52
3-4-80		78.33	5134.87
3-10-80	1:00 P.M.	77.97	5135.23
3-17-80	1:00 P.M.	80.50	5132.70
3-24-80	1:00 PM	78.72	5134.48
3-31-80	2:00PM	77.29	5135.91

TIME		SWL	
Date	Hour	Depth	Elev.

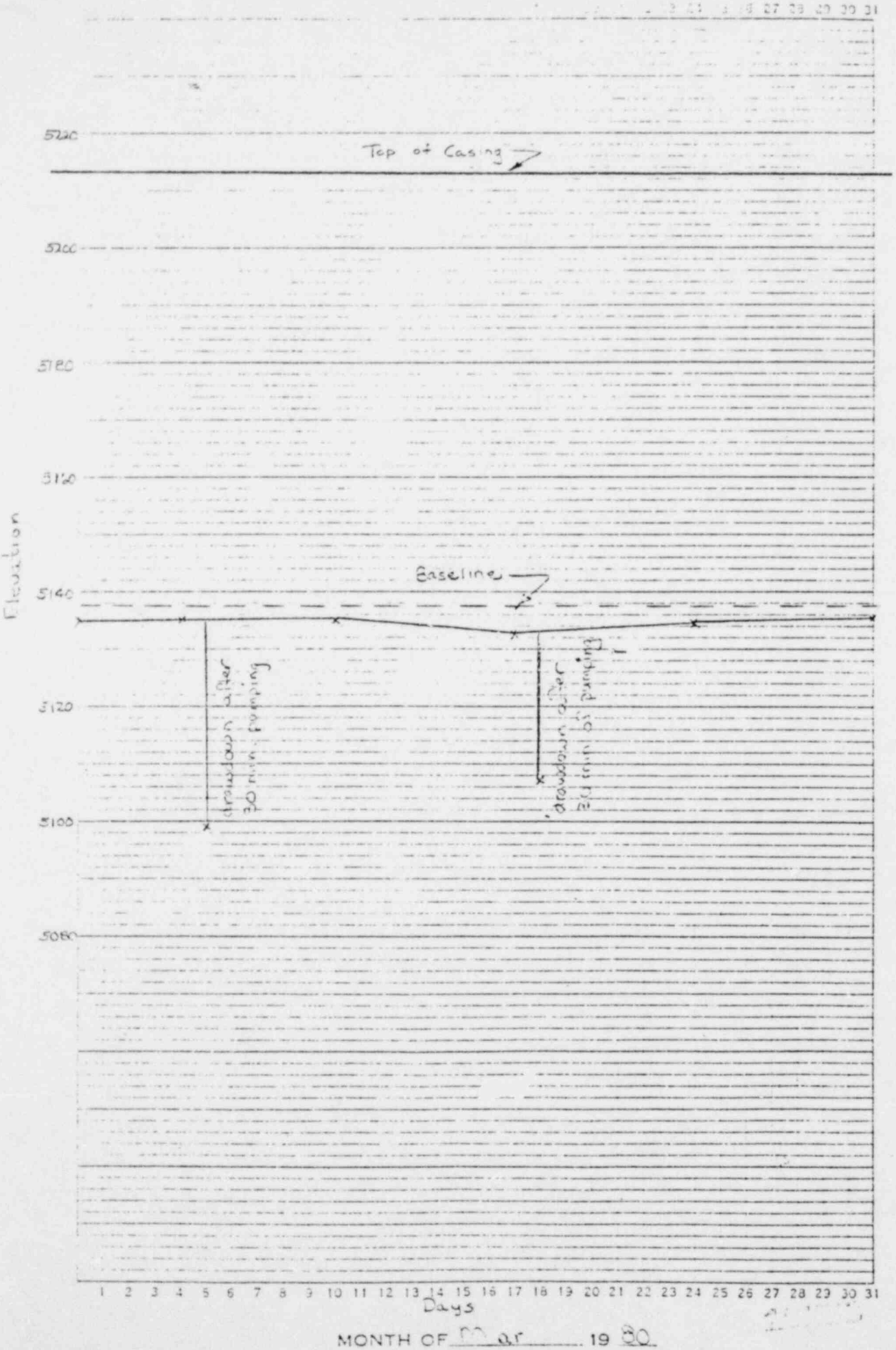
Remarks:



MONTH OF Jan 1980



MONTH OF Feb 19 80



MONTH OF Mar 19 80