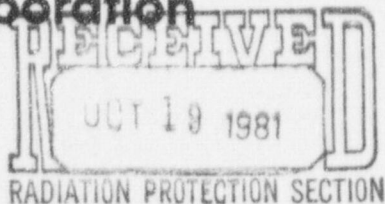


Mobil Oil Corporation



P.O. BOX 5444
DENVER, COLORADO 80217

URANIUM/MINERALS DIVISION

October 12, 1981

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Gerald W. Stewart
Environmental Program Manager
Uranium Licensing Section
Radiation Protection Bureau
Environmental Improvement Division
P. O. Box 968
Santa Fe, New Mexico 87503

CROWNPOINT SECTION 9 PILOT
IN SITU URANIUM MINE
MONTHLY DATA REPORT - SEPTEMBER 1981

Dear Mr. Stewart:

Mobil Oil Corporation, Uranium/Minerals submits the following monthly data report in accordance with Mobil's Interim Mining and Reclamation Plan, Mobil's Radioactive Materials License (NM-MOB-UL-02), and Mobil's Discharge Plan (DP-26) for the Crownpoint Section 9 Pilot In Situ Uranium Mine.

A. Weekly analysis reports for the month of September.

This data is reported for the following wells:

1. Upper Westwater Canyon monitor well 9U-276A
2. Production zone monitor wells: 9U-277, 9U-278, 9U-280.

B. Biweekly analysis reports for the initial submittal for the following sampling dates: September 2 and 16 and October 5 for the scheduled date of September 30, 1981 (see text) and resubmittal for the addition of alpha and beta results for the following sampling dates: August 5 and 19, 1981.

This data is reported for the following wells:

1. Production zone monitor wells: 9U-202, 9U-221, 9U-222, 9U-223, 9U-224, 9U-225, 9U-279
2. Dakota monitor well 9U-207
3. Lower Westwater Canyon monitor well 9U-276B

9807290051 811012
PDR ADOCK 04008911
C PDR

Mobil

Mr. Gerald W. Stewart
October 12, 1981
Page Two

C. Monthly analysis report for the sampling date of August 5, 1981.

This data is reported for the following wells:

1. Production zone monitor wells: 9U-202, 9U-221, 9U-222, 9U-223, 9U-224, 9U-225, 9U-279
2. Dakota monitor well 9U-207
3. Lower Westwater Canyon monitor well 9U-276B

D. Monthly analysis reports required during restoration phase for initial submittal for the sampling date of September 2 and October 5 for the scheduled date of September 30, 1981 (see text), and resubmittal of the August 5, 1981, sampling date for additional results.

This data is reported for the following wells:

1. Upper Westwater Canyon monitor well 9U-276A
2. Production zone monitor wells: 9U-277, 9U-278, 9U-280

E. Pond monitor analysis reports (for ponds 1, 2, and 3) for this reporting period (see text).

F. Weekly water level measurements for all of the monitor wells for this reporting period.

G. Process stream data for this reporting period.

H. Supplemental radiological data for the sample collection dates: May 27, June 10 and 24 and July 8 and 22, 1981.

During the end of the month, Mobil's environmentalist at Crownpoint became ill and was admitted to the hospital. Another environmentalist was assigned to the site to maintain the compliance sampling. The following summarizes the affected monitoring efforts.

Weekly, biweekly, and monthly sampling and analysis for the scheduled sampling date of September 30, 1981, was delayed until October 5, 1981. These samplings and analyses are back on schedule as of October 7, 1981.

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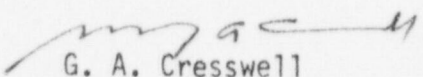
Mr. Gerald W. Stewart
October 12, 1981
Page Three

Pond monitor sampling and analysis was not taken for the scheduled September 24, 1981 sampling date, but was resumed on October 8, 1981.

Underdrain inspection was not performed on the September 24, 1981 inspection date and was missed once during the last week of September. These inspections were back on schedule as of September 30, 1981.

If you have any questions concerning data reported on these forms, please contact Greg Cresswell (303) 572-2585.

Very truly yours


G. A. Cresswell
Manager - Hydrological and
Environmental Affairs

MLSkwirz:dp
Attachments

cc: R. D. Peirce
P. W. Richardson, Nufuels, w/o
W. A. Steingraber, w/o
P.F. 1.A.1.3.5(a)/1.A.1.3.13

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE 9-2-81

REPORT NO. 81-31

CROWNPOINT, SECTION 9, PILOT TEST

WEEKLY DATA REPORT

<u>WELL NO.</u>	<u>pH</u>	<u>Ec</u> (μ mhos)
-----------------	-----------	----------------------------

9U-276A	<u>8.8</u>	<u>495</u>
---------	------------	------------

9U-277	<u>8.4</u>	<u>633</u>
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9U-278	<u>8.6</u>	<u>460</u>
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9U-280	<u>8.6</u>	<u>488</u>
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COMMENTS: _____

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE 9-9-81

REPORT NO. 81-32

CROWNPOINT, SECTION 9, PILOT TEST

WEEKLY DATA REPORT

<u>WELL NO.</u>	<u>pH</u>	<u>Ec</u> (μ mhos)
-----------------	-----------	----------------------------

9U-276A	<u>9.1</u>	<u>440</u>
---------	------------	------------

9U-277	<u>8.8</u>	<u>620</u>
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9U-278	<u>8.9</u>	<u>430</u>
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9U-280	<u>9.0</u>	<u>452</u>
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COMMENTS: _____

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE 9-16-81

REPORT NO. 81-33

CROWNPOINT, SECTION 9, PILOT TEST

WEEKLY DATA REPORT

<u>WELL NO.</u>	<u>pH</u>	<u>Ec</u> (μ mhos)
-----------------	-----------	----------------------------

9U-276A	<u>9.0</u>	<u>503</u>
---------	------------	------------

9U-277	<u>8.5</u>	<u>655</u>
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9U-278	<u>8.7</u>	<u>471</u>
--------	------------	------------

9U-280	<u>8.9</u>	<u>502</u>
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COMMENTS: _____

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE 9-23-81

REPORT NO. 81-341

CROWNPOINT, SECTION 9, PILOT TEST

WEEKLY DATA REPORT

<u>WELL NO.</u>	<u>pH</u>	<u>Ec</u> (μ mhos)
-----------------	-----------	----------------------------

9U-276A	<u>9.2</u>	<u>490</u>
---------	------------	------------

9U-277	<u>8.7</u>	<u>670</u>
--------	------------	------------

9U-278	<u>9.0</u>	<u>441</u>
--------	------------	------------

9U-280	<u>9.1</u>	<u>500</u>
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COMMENTS: _____

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE 10-5-81 for 9-30-81

REPORT NO. 81-35

CROWNPOINT, SECTION 9, PILOT TEST

WEEKLY DATA REPORT

<u>WELL NO.</u>	<u>pH</u>	<u>Ec</u> (μ mhos)
9U-276A	<u>9.2</u>	<u>455</u>
9U-277	<u>8.7</u>	<u>630</u>
9U-278	<u>8.9</u>	<u>424</u>
9U-280	<u>9.1</u>	<u>454</u>

COMMENTS: Due to employee sickness, sampling was
delayed.

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE 9-2-81

REPORT NO. 81-18

CROWNPOINT, SECTION 9, PILOT TEST

BIWEEKLY DATA REPORT

WELL NO.	pH	Ec (μ mhos)	⁶⁰⁰ SULFATE (mg/l)	^{5.0} URANIUM (mg/l)	^{1.0} MOLYBDENUM (mg/l)	SODIUM (mg/l)	GROSS A (pci/l)	GROSS B (pci/l)
9U-202	<u>8.5</u>	<u>458</u>	<u>33</u>	<u><0.1</u>	<u><0.2</u>	<u>106</u>		
9U-207	<u>7.4</u>	<u>929</u>	<u>240</u>	<u><0.1</u>	<u><0.2</u>	<u>188</u>		
9U-221	<u>8.5</u>	<u>450</u>	<u>36</u>	<u><0.1</u>	<u><0.2</u>	<u>109</u>		
9U-222	<u>8.8</u>	<u>495</u>	<u>33</u>	<u><0.1</u>	<u><0.2</u>	<u>115</u>		
9U-223	<u>8.7</u>	<u>462</u>	<u>34</u>	<u><0.1</u>	<u><0.2</u>	<u>111</u>		
9U-224	<u>8.9</u>	<u>475</u>	<u>38</u>	<u><0.1</u>	<u><0.2</u>	<u>110</u>		
9U-225	<u>8.6</u>	<u>463</u>	<u>21</u>	<u><0.1</u>	<u><0.2</u>	<u>110</u>		
9U-276B	<u>8.5</u>	<u>705</u>	<u>115</u>	<u><0.1</u>	<u><0.2</u>	<u>164</u>		
9U-279	<u>8.6</u>	<u>470</u>	<u>31</u>	<u><0.1</u>	<u><0.2</u>	<u>112</u>		

COMMENTS: _____

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE 9-16-81

REPORT NO. 81-19

CROWNPOINT, SECTION 9, PILOT TEST

BIWEEKLY DATA REPORT

WELL NO.	pH	Ec (μ mhos)	SULFATE (mg/l)	URANIUM (mg/l)	MOLYBDENUM (mg/l)	SODIUM (mg/l)	GROSS α (pci/l)	GROSS β (pci/l)
9U-202	<u>8.6</u>	<u>460</u>	<u>39</u>	<u><0.1</u>	<u><0.2</u>	<u>107</u>		
9U-207	<u>7.3</u>	<u>923</u>	<u>250</u>	<u><0.1</u>	<u><0.2</u>	<u>188</u>		
9U-221	<u>8.7</u>	<u>470</u>	<u>38</u>	<u><0.1</u>	<u><0.2</u>	<u>112</u>		
9U-222	<u>8.9</u>	<u>495</u>	<u>39</u>	<u><0.1</u>	<u><0.2</u>	<u>119</u>		
9U-223	<u>8.8</u>	<u>463</u>	<u>35</u>	<u><0.1</u>	<u><0.2</u>	<u>113</u>		
9U-224	<u>8.8</u>	<u>463</u>	<u>43</u>	<u><0.1</u>	<u><0.2</u>	<u>111</u>		
9U-225	<u>8.4</u>	<u>445</u>	<u>22</u>	<u><0.1</u>	<u><0.2</u>	<u>112</u>		
9U-276B	<u>8.6</u>	<u>720</u>	<u>120</u>	<u><0.1</u>	<u><0.2</u>	<u>162</u>		
9U-279	<u>8.7</u>	<u>475</u>	<u>38</u>	<u><0.1</u>	<u><0.2</u>	<u>112</u>		

COMMENTS: _____

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE 10-5-81 for 9-30-81

REPORT NO. 81-20

CROWNPOINT, SECTION 9, PILOT TEST

BIWEEKLY DATA REPORT

WELL NO.	pH	Ec (µmhos)	SULFATE (mg/l)	URANIUM (mg/l)	MOLYBDENUM (mg/l)	SODIUM (mg/l)	GROSS A (pci/l)	GROSS B (pci/l)
9U-202	<u>8.7</u>	<u>428</u>	<u>38</u>	<u><0.1</u>	<u><0.2</u>	<u>109</u>		
9U-207	<u>7.7</u>	<u>810</u>	<u>245</u>	<u><0.1</u>	<u><0.2</u>	<u>186</u>		
9U-221	<u>8.9</u>	<u>405</u>	<u>41</u>	<u><0.1</u>	<u><0.2</u>	<u>114</u>		
9U-222	<u>9.2</u>	<u>463</u>	<u>38</u>	<u><0.1</u>	<u><0.2</u>	<u>117</u>		
9U-223	<u>8.9</u>	<u>408</u>	<u>30</u>	<u><0.1</u>	<u><0.2</u>	<u>110</u>		
9U-224	<u>9.0</u>	<u>414</u>	<u>42</u>	<u><0.1</u>	<u><0.2</u>	<u>112</u>		
9U-225	<u>8.4</u>	<u>423</u>	<u>28</u>	<u><0.1</u>	<u><0.2</u>	<u>110</u>		
9U-276 B	<u>8.4</u>	<u>650</u>	<u>120</u>	<u><0.1</u>	<u><0.2</u>	<u>160</u>		
9U-279	<u>9.0</u>	<u>447</u>	<u>38</u>	<u><0.1</u>	<u><0.2</u>	<u>111</u>		

COMMENTS: Due to employee sickness, sampling
was delayed.

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE 8-5-81

REPORT NO. 81-16

CROWNPOINT, SECTION 9, PILOT TEST

BIWEEKLY DATA REPORT

WELL NO.	pH	Ec (μ mhos)	SULFATE (mg/l)	URANIUM (mg/l)	MOLYBDENUM (mg/l)	SODIUM (mg/l)	⁴⁰⁰ GROSS A (pci/l)	⁵⁰ GROSS B (pci/l)
9U-202	<u>8.9</u>	<u>475</u>	<u>38</u>	<u><0.1</u>	<u><0.2</u>	<u>110</u>	<u>4$\pm$3</u>	<u>1$\pm$3</u>
9U-207	<u>7.3</u>	<u>975</u>	<u>245</u>	<u><0.1</u>	<u><0.2</u>	<u>186</u>	<u>1$\pm$3</u>	<u>8$\pm$3</u>
9U-221	<u>9.0</u>	<u>518</u>	<u>33</u>	<u><0.1</u>	<u><0.2</u>	<u>112</u>	<u>12$\pm$3</u>	<u>8$\pm$2</u>
9U-222	<u>9.3</u>	<u>518</u>	<u>37</u>	<u><0.1</u>	<u><0.2</u>	<u>114</u>	<u>-1$\pm$2</u>	<u>4$\pm$2</u>
9U-223	<u>9.0</u>	<u>478</u>	<u>33</u>	<u><0.1</u>	<u><0.2</u>	<u>108</u>	<u>2$\pm$2</u>	<u>5$\pm$2</u>
9U-224	<u>9.2</u>	<u>480</u>	<u>39</u>	<u><0.1</u>	<u><0.2</u>	<u>110</u>	<u>7$\pm$3</u>	<u>7$\pm$2</u>
9U-225	<u>8.7</u>	<u>470</u>	<u>25</u>	<u><0.1</u>	<u><0.2</u>	<u>105</u>	<u>26$\pm$4</u>	<u>23$\pm$3</u>
9U-276B	<u>8.9</u>	<u>730</u>	<u>115</u>	<u><0.1</u>	<u><0.2</u>	<u>164</u>	<u>1$\pm$2</u>	<u>4$\pm$2</u>
9U-279	<u>9.2</u>	<u>490</u>	<u>34</u>	<u><0.1</u>	<u><0.2</u>	<u>111</u>	<u>0$\pm$2</u>	<u>2$\pm$2</u>

COMMENTS: _____

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE 8-19-81

REPORT NO. 81-17

CROWNPOINT, SECTION 9, PILOT TEST

BIWEEKLY DATA REPORT

WELL NO.	pH	Ec (μ mhos)	[✓] SULFATE (mg/l)	[✓] URANIUM (mg/l)	[✓] MOLYBDENUM (mg/l)	[✓] SODIUM (mg/l)	GROSS α (pci/l)	GROSS β (pci/l)
9U-202	<u>9.0</u>	<u>487</u>	<u>34</u>	<u><0.1</u>	<u><0.2</u>	<u>108</u>	<u>7$\pm$3</u>	<u>3$\pm$3</u>
9U-207	<u>7.6</u>	<u>958</u>	<u>240</u>	<u><0.1</u>	<u><0.2</u>	<u>182</u>	<u>0$\pm$4</u>	<u>6$\pm$4</u>
9U-221	<u>9.1</u>	<u>517</u>	<u>37</u>	<u><0.1</u>	<u><0.2</u>	<u>110</u>	<u>6$\pm$3</u>	<u>1$\pm$3</u>
9U-222	<u>8.9</u>	<u>468</u>	<u>37</u>	<u><0.1</u>	<u><0.2</u>	<u>117</u>	<u>1$\pm$3</u>	<u>0$\pm$3</u>
9U-223	<u>9.0</u>	<u>475</u>	<u>34</u>	<u><0.1</u>	<u><0.2</u>	<u>110</u>	<u>2$\pm$3</u>	<u>1$\pm$3</u>
9U-224	<u>9.1</u>	<u>483</u>	<u>45</u>	<u><0.1</u>	<u><0.2</u>	<u>109</u>	<u>7$\pm$3</u>	<u>3$\pm$3</u>
9U-225	<u>8.8</u>	<u>470</u>	<u>23</u>	<u><0.1</u>	<u><0.2</u>	<u>107</u>	<u>19$\pm$5</u>	<u>11$\pm$3</u>
9U-276B	<u>8.8</u>	<u>740</u>	<u>120</u>	<u><0.1</u>	<u><0.2</u>	<u>164</u>	<u>2$\pm$3</u>	<u>0$\pm$3</u>
9U-279	<u>9.0</u>	<u>492</u>	<u>37</u>	<u><0.1</u>	<u><0.2</u>	<u>110</u>	<u>(1)</u>	<u>(1)</u>

COMMENTS: _____

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE 8-5-81

REPORT NO. 81-8

CROWNPOINT, SECTION 9, PILOT TEST

MONTHLY DATA REPORT

WELL NO.	^{.1 ✓} ARSENIC (mg/l)	^{.002 ✓} MERCURY (total) (mg/l)	^{.01 ✓} CADMIUM (mg/l)	^{10 ✓} ZINC (mg/l)	^{1.6 ✓} FLOURIDE (mg/l)
9U-202	<u><0.005</u>	<u>0.0001</u>	<u><0.005</u>	<u>0.044</u>	<u>0.2</u>
9U-207	<u><0.005</u>	<u>0.0001</u>	<u><0.005</u>	<u><0.005</u>	<u>0.3</u>
9U-221	<u><0.005</u>	<u>0.0001</u>	<u><0.005</u>	<u>0.010</u>	<u>0.3</u>
9U-222	<u><0.005</u>	<u>0.0002</u>	<u><0.005</u>	<u><0.005</u>	<u>0.3</u>
9U-223	<u><0.005</u>	<u>0.0001</u>	<u><0.005</u>	<u><0.005</u>	<u>0.3</u>
9U-224	<u><0.005</u>	<u>0.0001</u>	<u><0.005</u>	<u><0.005</u>	<u>0.2</u>
9U-225	<u><0.005</u>	<u><0.0001</u>	<u><0.005</u>	<u>0.007</u>	<u>0.3</u>
9U-276B	<u><0.005</u>	<u>0.0003</u>	<u><0.005</u>	<u>0.097</u>	<u>0.4</u>
9U-279	<u><0.005</u>	<u>0.0001</u>	<u><0.005</u>	<u>0.010</u>	<u>0.2</u>

COMMENTS: _____

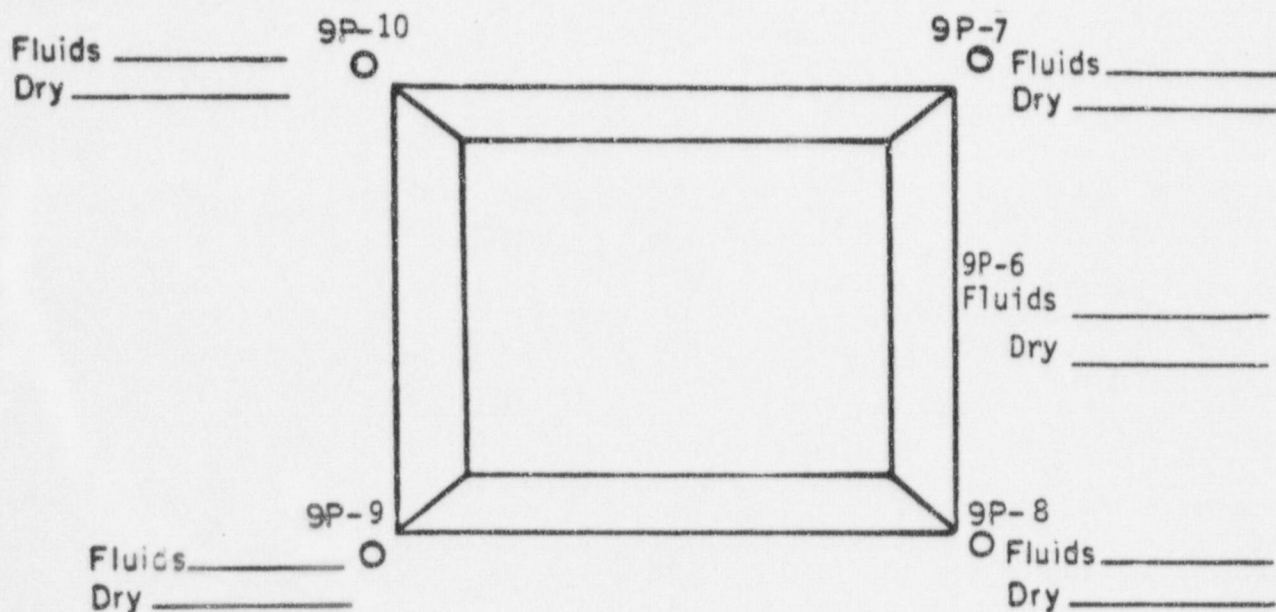
Mobil Oil Corporation

DATE 9-24-81

REPORT NO. 81-95

CROWNPOINT, SECTION 9, PILOT TEST POND MONITOR REPORT

Pond #2



IF FLUIDS ARE PRESENT ANALYZE FOR URANIUM, BICARBONATE, SODIUM & CONDUCTIVITY.

RESULTS OF ANALYSIS *for pond monitors not available.*
Due to employee sickness, sampling not completed.

	URANIUM mg/l	BICARBONATE	SODIUM	CONDUCTIVITY
UNDERDRAIN 9P-6	_____	_____	_____	_____
MONITOR 9P-7	_____	_____	_____	_____
MONITOR 9P-8	_____	_____	_____	_____
MONITOR 9P-9	_____	_____	_____	_____
MONITOR 9P-10	_____	_____	_____	_____

Underdrain inspection is required 3 times a week. Monitor well sampling and analysis are not required on these dates.

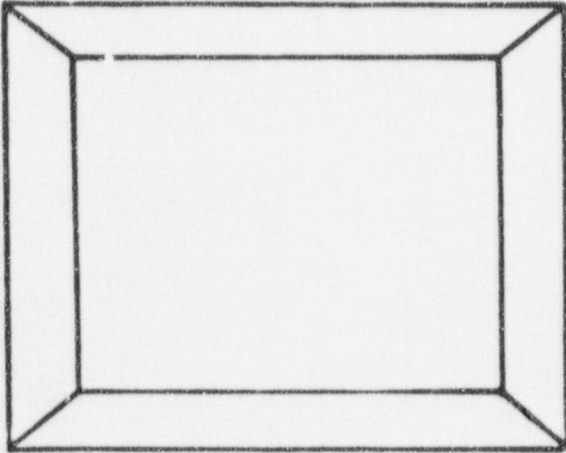
Mobil Oil Corporation

DATE 9-30-81

REPORT NO. 81-96

CROWNPOINT, SECTION 9, PILOT TEST POND MONITOR REPORT

Pond #2

Fluids _____ Dry _____	9P-10 ○		9P-7 ○ Fluids _____ Dry _____
			9P-6 Fluids _____ Dry <u>✓</u>
			9P-8 ○ Fluids _____ Dry _____
9P-9 ○ Fluids _____ Dry _____			

IF FLUIDS ARE PRESENT ANALYZE FOR URANIUM, BICARBONATE, SODIUM & CONDUCTIVITY.

RESULTS OF ANALYSIS

		URANIUM mg/l	BICARBONATE	SODIUM	CONDUCTIVITY
UNDERDRAIN	9P-6	_____	_____	_____	_____
MONITOR	9P-7	_____	_____	_____	_____
MONITOR	9P-8	_____	_____	_____	_____
MONITOR	9P-9	_____	_____	_____	_____
MONITOR	9P-10	_____	_____	_____	_____

Underdrain inspection is required 3 times a week. Monitor well sampling and analysis are not required on these dates.

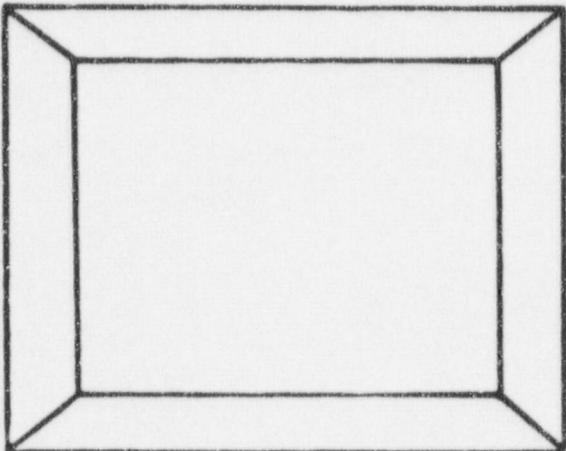
Mobil Oil Corporation

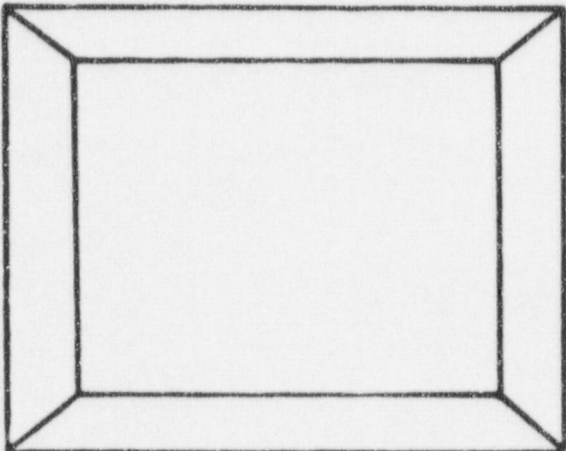
DATE 9-2-81
9-3-81
9-4-81
9-7-81
9-8-81

REPORT NO. 81-76
81-77
81-78
81-79
81-80

CROWNPOINT, SECTION 9, PILOT TEST POND MONITOR REPORT

Pond #3

Fluids 9P-11 
Dry ✓

9P-12 
Fluids
Dry

IF FLUIDS ARE PRESENT ANALYZE FOR URANIUM, BICARBONATE, SODIUM & CONDUCTIVITY.

RESULTS OF ANALYSIS

	URANIUM mg/l	BICARBONATE	SODIUM	CONDUCTIVITY
UNDERDRAIN 9P-11	<u> </u>	<u> </u>	<u> </u>	<u> </u>
MONITOR 9P-12	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Underdrain inspection is required 3 times a week. Monitor well sampling and analysis are not required on these dates.

Mobil Oil Corporation

DATE 9-10-81

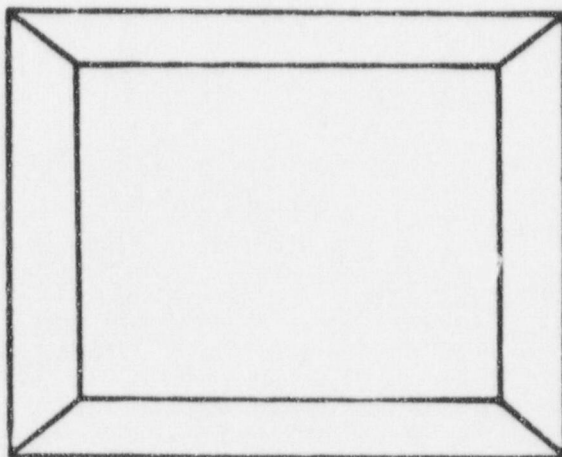
REPORT NO. 81-81

CROWNPOINT, SECTION 9, PILOT TEST POND MONITOR REPORT

Pond #3

Fluids _____
Dry ✓

9P-11



9P-12
○ Fluids ✓
Dry _____

IF FLUIDS ARE PRESENT ANALYZE FOR URANIUM, BICARBONATE, SODIUM & CONDUCTIVITY.

RESULTS OF ANALYSIS

	URANIUM mg/l	BICARBONATE	SODIUM	CONDUCTIVITY
UNDERDRAIN 9P-11	_____	_____	_____	_____
MONITOR 9P-12	<u>20.1</u>	<u>403</u>	<u>222</u>	<u>4,750</u>

Underdrain inspection is required 3 times a week. Monitor well sampling and analysis are not required on these dates.

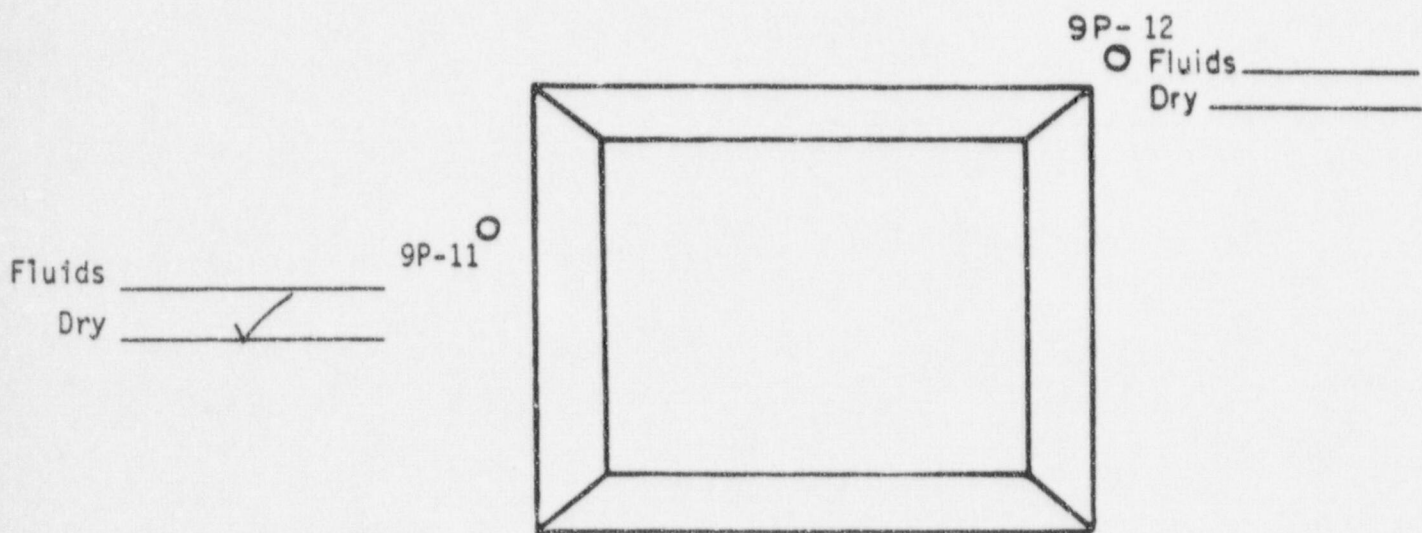
Mobil Oil Corporation

DATE 9-14-81
9-15-81
9-17-81
9-21-81
9-23-81

REPORT NO. 81-82
81-83
81-84
81-85
81-86

CROWNPOINT, SECTION 9, PILOT TEST POND MONITOR REPORT

Pond #3



IF FLUIDS ARE PRESENT ANALYZE FOR URANIUM, BICARBONATE, SODIUM & CONDUCTIVITY.

RESULTS OF ANALYSIS

	URANIUM mg/l	BICARBONATE	SODIUM	CONDUCTIVITY
UNDERDRAIN 9P-11	_____	_____	_____	_____
MONITOR 9P-12	_____	_____	_____	_____

Underdrain inspection is required 3 times a week. Monitor well sampling and analysis are not required on these dates.

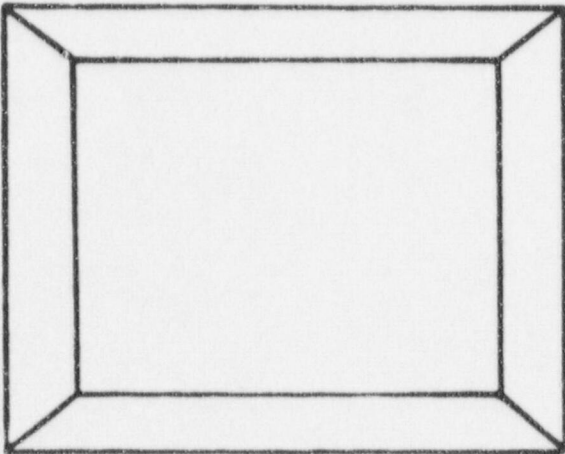
Mobil Oil Corporation

DATE 9-24-81

REPORT NO. 81-87

CROWNPOINT, SECTION 9, PILOT TEST POND MONITOR REPORT

Pond #3

Fluids _____	9P-11		9P-12	Fluids _____
Dry _____				Dry _____

IF FLUIDS ARE PRESENT ANALYZE FOR URANIUM, BICARBONATE, SODIUM & CONDUCTIVITY.

RESULTS OF ANALYSIS *for pond monitor not available.*
Due to employee sickness, sampling not completed.

	URANIUM mg/l	BICARBONATE	SODIUM	CONDUCTIVITY
UNDERDRAIN 9P-11	_____	_____	_____	_____
MONITOR 9P-12	_____	_____	_____	_____

Underdrain inspection is required 3 times a week. Monitor well sampling and analysis are not required on these dates.

Mobil Oil Corporation

DATE 9-30-81

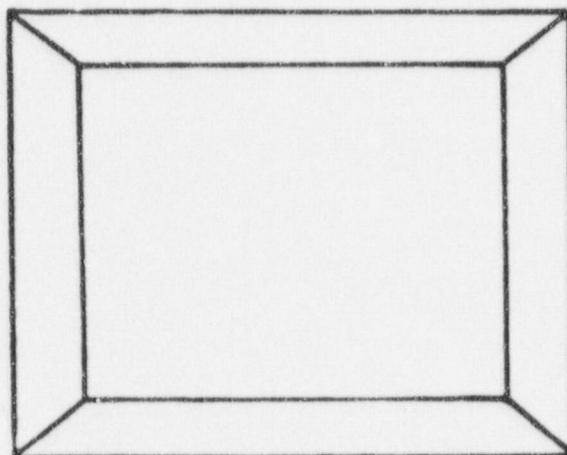
REPORT NO. 81-88

CROWNPOINT, SECTION 9, PILOT TEST POND MONITOR REPORT

Pond #3

Fluids _____
Dry ✓

9P-11



9P-12
○ Fluids _____
Dry _____

IF FLUIDS ARE PRESENT ANALYZE FOR URANIUM, BICARBONATE, SODIUM & CONDUCTIVITY.

RESULTS OF ANALYSIS

	URANIUM mg/l	BICARBONATE	SODIUM	CONDUCTIVITY
UNDERDRAIN 9P-11	_____	_____	_____	_____
MONITOR 9P-12	_____	_____	_____	_____

Underdrain inspection is required 3 times a week. Monitor well sampling and analysis are not required on these dates.

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE September 1981

REPORT NO. 81-9

CROWNPOINT, SECTION 9, PILOT TEST

WEEKLY DATA REPORT

WELL NO.	<u>9-1-81</u> DATE	<u>9-8-81</u> DATE	<u>9-15-81</u> DATE	<u>9-22-81</u> DATE	<u>9-29-81</u> DATE
9U-202 W.L.	<u>251.10</u> FT.	<u>251.95</u> FT.	<u>251.04</u> FT.	<u>252.35</u> FT.	<u>252.73</u> FT.
9U-207 W.L.	<u>46.32</u>	<u>46.65</u>	<u>46.92</u>	<u>46.80</u>	<u>47.08</u>
9U-221 W.L.	<u>235.20</u>	<u>238.63</u>	<u>238.16</u>	<u>239.75</u>	<u>240.26</u>
9U-222 W.L.	<u>267.30</u>	<u>269.00</u>	<u>269.15</u>	<u>270.35</u>	<u>271.10</u>
9U-223 W.L.	<u>256.90</u>	<u>260.00</u>	<u>N/A *</u>	<u>259.55</u>	<u>260.14</u>
9U-224 W.L.	<u>269.70</u>	<u>269.80</u>	<u>269.71</u>	<u>270.43</u>	<u>271.25</u>
9U-225 W.L.	<u>250.90</u>	<u>251.85</u>	<u>252.05</u>	<u>253.10</u>	<u>253.86</u>
9U-276A W.L.	<u>256.45</u>	<u>252.00</u>	<u>252.42</u>	<u>252.90</u>	<u>253.73</u>
9U-276B W.L.	<u>252.42</u>	<u>252.67</u>	<u>252.83</u>	<u>253.03</u>	<u>253.67</u>
9U-277 W.L.	<u>254.30</u>	<u>256.91</u>	<u>254.40</u>	<u>256.19</u>	<u>256.58</u>
9U-278 W.L.	<u>258.22</u>	<u>260.53</u>	<u>260.05</u>	<u>262.45</u>	<u>263.06</u>
9U-279 W.L.	<u>257.60</u> ft	<u>260.35</u> ft	<u>260.43</u> ft	<u>262.35</u> ft	<u>263.03</u> ft
PH	<u>8.6</u>	<u>8.9</u>	<u>8.7</u>	<u>9.0</u>	<u>9.0</u>
E.C.	<u>470</u> umhos	<u>438</u> umhos	<u>475</u> umhos	<u>470</u> umhos	<u>447</u> umhos
9U-280 W.L.	<u>247.54</u> ft	<u>245.70</u> ft	<u>245.60</u> ft	<u>246.33</u> ft	<u>246.95</u> ft

COMMENTS: * M-scope stuck at 260.00, well reworked

GALLONS PRODUCED: 2,235,341

GALLONS INJECTED: 1,922,917

GALLONS (CONSUMPTIVE): 312,424

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE 10-5-81

REPORT NO. 81-36

CROWNPOINT, SECTION 9, PILOT TEST

WEEKLY AVERAGE PROCESS STREAM DATA

TIME PERIOD September 1981, Week of the 1st to 7th (9-1-81 to 9-7-81)

<u>PARAMETERS</u>	<u>PREGNANT LIXIVIAN</u>	<u>BARREN LIXIVIAN</u>	<u>BLEED STREAM</u>
Bicarbonate mg/l	<u>285</u>	<u>0</u>	<u>520</u>
Chloride mg/l	<u>147</u>	<u>83</u>	<u>2,973</u>
Iron mg/l	<u>0.39</u>	<u>0.08</u>	<u>0.53</u>
Molybdenum mg/l	<u>36.9</u>	<u>40.2</u>	<u>46.3</u>
Peroxide mg/l	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
pH	<u>7.73</u>	<u>11.34</u>	<u>7.78</u>
Sodium mg/l	<u>267</u>	<u>47</u>	<u>1,800</u>
Vanadium mg/l	<u>40.6</u>	<u>40.6</u>	<u>0.6</u>

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE 10-5-81

REPORT NO. 81-37

CROWNPOINT, SECTION 9, PILOT TEST

WEEKLY AVERAGE PROCESS STREAM DATA

TIME PERIOD September 1981, Week of the 8th to 14th (9-8-81 to 9-14-81)

<u>PARAMETERS</u>	<u>PREGNANT LIXIVANT</u>	<u>BARREN LIXIVANT</u>	<u>BLEED STREAM</u>
Bicarbonate mg/l	<u>274</u>	<u>0</u>	<u>615</u>
Chloride mg/l	<u>114</u>	<u>91</u>	<u>2,869</u>
Iron mg/l	<u>1.05</u>	<u><0.04</u>	<u>0.17</u>
Molybdenum mg/l	<u>35.2</u>	<u><0.2</u>	<u>49.0</u>
Peroxide mg/l	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
pH	<u>8.01</u>	<u>11.60</u>	<u>7.89</u>
Sodium mg/l	<u>228</u>	<u>55</u>	<u>1,893</u>
Vanadium mg/l	<u><0.6</u>	<u><0.6</u>	<u><0.6</u>

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE 10-5-81

REPORT NO. 81-38

CROWNPOINT, SECTION 9, PILOT TEST

WEEKLY AVERAGE PROCESS STREAM DATA

TIME PERIOD September 1981, Week of the 15th to 21st (9-15-81 to 9-21-81)

<u>PARAMETERS</u>	<u>PREGNANT LIXIVANT</u>	<u>BARREN LIXIVANT</u>	<u>BLEED STREAM</u>
Bicarbonate mg/l	<u>278</u>	<u>0</u>	<u>444</u>
Chloride mg/l	<u>110</u>	<u>86</u>	<u>2,750</u>
Iron mg/l	<u>0.37</u>	<u><0.04</u>	<u>0.22</u>
Molybdenum mg/l	<u>32.6</u>	<u><0.2</u>	<u>42.0</u>
Peroxide mg/l	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
pH	<u>7.95</u>	<u>11.61</u>	<u>7.84</u>
Sodium mg/l	<u>230</u>	<u>56</u>	<u>1,773</u>
Vanadium mg/l	<u><0.6</u>	<u><0.6</u>	<u><0.6</u>

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE 10-5-81

REPORT NO. 81-39

CROWNPOINT, SECTION 9, PILOT TEST

WEEKLY AVERAGE PROCESS STREAM DATA

TIME PERIOD September 1981, Week of the 22nd to 28th (9-22-81 to 9-28-81)

<u>PARAMETERS</u>	<u>PREGNANT LIXIVANT</u>	<u>BARREN LIXIVANT</u>	<u>BLEED STREAM</u>
Bicarbonate mg/l	<u>264</u>	<u>0</u>	<u>547</u>
Chloride mg/l	<u>105</u>	<u>81</u>	<u>2,599</u>
Iron mg/l	<u>0.35</u>	<u><0.4</u>	<u>0.22</u>
Molybdenum mg/l	<u>34.5</u>	<u><0.2</u>	<u>43.2</u>
Peroxide mg/l	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
pH	<u>7.93</u>	<u>11.63</u>	<u>7.84</u>
Sodium mg/l	<u>215</u>	<u>52</u>	<u>1,627</u>
Vanadium mg/l	<u><0.6</u>	<u><0.6</u>	<u><0.6</u>

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE 5-27-81

REPORT NO. 11

CROWNPOINT, SECTION 9, PILOT TEST

SUPPLEMENTAL RADIOLOGICAL DATA REPORT

WELL NO.	^{4,000} LEAD-210, DISSOLVED (pCi/l)	^{50,000} THORIUM-230, DISSOLVED (pCi/l)	⁴⁰⁰ RADIUM-226, DISSOLVED (pCi/l)	RADIUM-228, DISSOLVED (pCi/l)
9U-202				
9U-207	<u>-0.6 ± 3.1</u>	<u>0.1 ± 0.4</u>	<u>0.7 ± 0.2</u>	<u>0.2 ± 1.0</u>
9U-221	<u>3.6 ± 3.5</u>	<u>1.0 ± 0.6</u>	<u>3.2 ± 0.4</u>	<u>0.1 ± 0.8</u>
9U-222				
9U-223				
9U-224	<u>0.2 ± 3.3</u>	<u>-0.1 ± 0.4</u>	<u>1.2 ± 0.3</u>	<u>-0.2 ± 0.8</u>
9U-225				
9U-276B				
9U-279				

Comment

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE 6-10-81

REPORT NO. 12

CROWNPOINT, SECTION 9, PILOT TEST

SUPPLEMENTAL RADIOLOGICAL DATA REPORT

WELL NO.	LEAD-210, DISSOLVED (pCi/l)	THORIUM-230, DISSOLVED (pCi/l)	RADIUM-226, DISSOLVED (pCi/l)	RADIUM-228, DISSOLVED (pCi/l)
9U-202	<u>-1.5 ± 2.6</u>	<u>0.1 ± 0.4</u>	<u>0.8 ± 0.3</u>	<u>-0.2 ± 0.8</u>
9U-207	<u>-1.4 ± 3.1</u>	<u>-0.1 ± 0.3</u>	<u>0.2 ± 0.3</u>	<u>1.3 ± 1.0</u>
9U-221	<u>2.1 ± 2.8</u>	<u>0.1 ± 0.6</u>	<u>3.3 ± 0.4</u>	<u>0.2 ± 0.8</u>
9U-222	<u> </u>	<u> </u>	<u> </u>	<u> </u>
9U-223	<u> </u>	<u> </u>	<u> </u>	<u> </u>
9U-224	<u>1.3 ± 2.7</u>	<u>-0.1 ± 0.3</u>	<u>1.2 ± 0.7</u>	<u>-0.1 ± 0.7</u>
9U-225	<u> </u>	<u> </u>	<u> </u>	<u> </u>
9U-276B	<u> </u>	<u> </u>	<u> </u>	<u> </u>
9U-279	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Comment				

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE 6-24-81

REPORT NO. 13

CROWNPOINT, SECTION 9, PILOT TEST

SUPPLEMENTAL RADIOLOGICAL DATA REPORT

WELL NO.	LEAD-210, DISSOLVED (pCi/l)	THORIUM-230, DISSOLVED (pCi/l)	RADIUM-226, DISSOLVED (pCi/l)	RADIUM-228, DISSOLVED (pCi/l)
9U-202	<u>-2.1 ± 2.7</u>	<u>-0.1 ± 0.4</u>	<u>1.1 ± 0.3</u>	<u>0.1 ± 1.8</u>
9U-207	<u>-0.6 ± 2.7</u>	<u>0.3 ± 0.7</u>	<u>0.4 ± 0.3</u>	<u>0.1 ± 0.9</u>
9U-221	<u>2.0 ± 2.7</u>	<u>-0.1 ± 0.3</u>	<u>2.7 ± 0.4</u>	<u>0.5 ± 0.8</u>
9U-222	<u> </u>	<u> </u>	<u> </u>	<u> </u>
9U-223	<u> </u>	<u> </u>	<u> </u>	<u> </u>
9U-224	<u>2.9 ± 2.8</u>	<u>-0.1 ± 0.3</u>	<u>1.0 ± 0.5</u>	<u>1.3 ± 1.0</u>
9U-225	<u> </u>	<u> </u>	<u> </u>	<u> </u>
9U-276B	<u> </u>	<u> </u>	<u> </u>	<u> </u>
9U-279	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Comment

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE 7-8-81

REPORT NO. 14

CROWNPOINT, SECTION 9, PILOT TEST

SUPPLEMENTAL RADIOLOGICAL DATA REPORT

WELL NO.	LEAD-210, DISSOLVED (pCi/l)	THORIUM-230, DISSOLVED (pCi/l)	RADIUM-226, DISSOLVED (pCi/l)	RADIUM-228, DISSOLVED (pCi/l)
9U-202				
9U-207				
9U-221				
9U-222				
9U-223				
9U-224	<u>0.8 ± 4.4</u>	<u>0.1 ± 0.5</u>	<u>1.6 ± 0.3</u>	<u>0.9 ± 1.4</u>
9U-225				
9U-276B				
9U-279				

Comment

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE 7/22/81

REPORT NO. 15

CROWNPOINT, SECTION 9, PILOT TEST

SUPPLEMENTAL RADIOLOGICAL DATA REPORT

WELL NO.	LEAD-210, DISSOLVED (pCi/l)	THORIUM-230, DISSOLVED (pCi/l)	RADIUM-226, DISSOLVED (pCi/l)	RADIUM-228, DISSOLVED (pCi/l)
9U-202	<u> </u>	<u> </u>	<u> </u>	<u> </u>
9U-207	<u>-0.4 ± 4.1</u>	<u>0.2 ± 0.6</u>	<u>1.2 ± 0.6</u>	<u>0.2 ± 0.9</u>
9U-221	<u> </u>	<u> </u>	<u> </u>	<u> </u>
9U-222	<u> </u>	<u> </u>	<u> </u>	<u> </u>
9U-223	<u> </u>	<u> </u>	<u> </u>	<u> </u>
9U-224	<u>-0.1 ± 3.3</u>	<u>0.2 ± 0.4</u>	<u>2.0 ± 1.0</u>	<u>0.3 ± 1.0</u>
9U-225	<u> </u>	<u> </u>	<u> </u>	<u> </u>
9U-276B	<u> </u>	<u> </u>	<u> </u>	<u> </u>
9U-279	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Comment				

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE 9-2-81

REPORT NO. 81-9

CROWNPOINT, SECTION 9, PILOT TEST

MONTHLY DATA REPORT

(Page 2 of 2)

WELL NO.	SULFATE (mg/l)	URANIUM (mg/l)	MOLYBDENUM (mg/l)	SODIUM (mg/l)	GROSS α (pci/l)	GROSS β (pci/l)
9U-276A	<u>35</u>	<u><0.1</u>	<u><0.2</u>	<u>117</u>		
9U-277	<u>78</u>	<u><0.1</u>	<u>6.3</u>	<u>146</u>		
9U-278	<u>35</u>	<u><0.1</u>	<u><0.2</u>	<u>113</u>		
9U-280	<u>34</u>	<u><0.1</u>	<u><0.2</u>	<u>116</u>		

COMMENTS: _____

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE 10-5-81 for 9-30-81

REPORT NO. 81-10

CROWNPOINT, SECTION 9, PILOT TEST

MONTHLY DATA REPORT

(Page 2 of 2)

WELL NO.	SULFATE (mg/l)	URANIUM (mg/l)	MOLYBDENUM (mg/l)	SODIUM (mg/l)	GROSS A (pci/l)	GROSS B (pci/l)
9U-276A	<u>36</u>	<u><0.1</u>	<u><0.2</u>	<u>118</u>		
9U-277	<u>83</u>	<u><0.1</u>	<u>11.6</u>	<u>144</u>		
9U-278	<u>43</u>	<u><0.1</u>	<u><0.2</u>	<u>112</u>		
9U-280	<u>38</u>	<u><0.1</u>	<u><0.2</u>	<u>111</u>		

COMMENTS: Due to employee sickness, sampling
was delayed.

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE 8-5-81

REPORT NO. 81-8

CROWNPOINT, SECTION 9, PILOT TEST

MONTHLY DATA REPORT

(Page 1 of 2)

WELL NO.	ARSENIC (mg/l)	MERCURY (total) (mg/l)	CADMIUM (mg/l)	ZINC (mg/l)	FLOURIDE (mg/l)
9U- 276A	<u><0.005</u>	<u>0.0001</u>	<u><0.005</u>	<u>0.030</u>	<u>0.3</u>
9U- 277	<u><0.005</u>	<u>0.0001</u>	<u><0.005</u>	<u>0.010</u>	<u>0.2</u>
9U- 278	<u><0.005</u>	<u><0.0001</u>	<u><0.005</u>	<u>0.014</u>	<u>0.2</u>
9U- 280	<u><0.005</u>	<u>0.0001</u>	<u><0.005</u>	<u><0.005</u>	<u>0.3</u>

COMMENTS: _____

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE 8-5-81

REPORT NO. 81-8

CROWNPOINT, SECTION 9, PILOT TEST

MONTHLY DATA REPORT

(Page 2 of 2)

<u>WELL NO.</u>	<u>SULFATE</u> (mg/l)	<u>URANIUM</u> (mg/l)	<u>MOLYBDENUM</u> (mg/l)	<u>SODIUM</u> (mg/l)	<u>GROSS A</u> (pci/l)	<u>GROSS B</u> (pci/l)
9U-276A	<u>37</u>	<u><0.1</u>	<u><0.2</u>	<u>117</u>	<u>-1±2</u>	<u>2±2</u>
9U-277	<u>68</u>	<u><0.1</u>	<u>3.8</u>	<u>134</u>	<u>21±4</u>	<u>13±2</u>
9U-278	<u>34</u>	<u><0.1</u>	<u><0.2</u>	<u>112</u>	<u>2±2</u>	<u>4±2</u>
9U-280	<u>35</u>	<u><0.1</u>	<u><0.2</u>	<u>115</u>	<u>4±3</u>	<u>3±3</u>

COMMENTS: _____

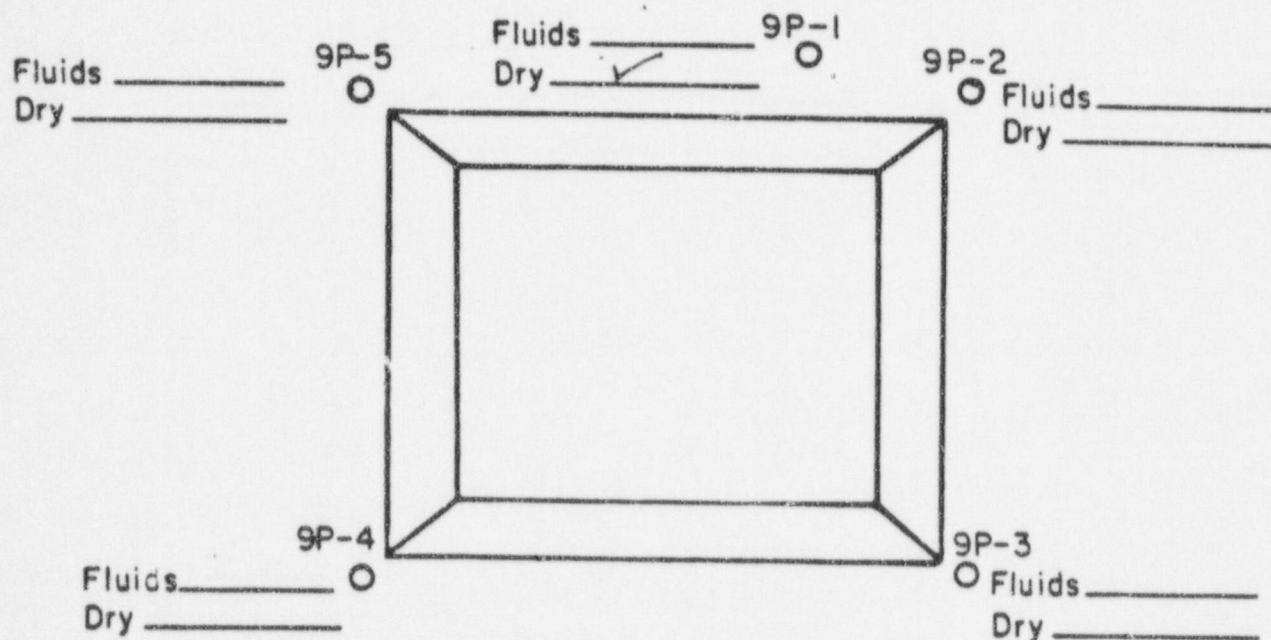
Mobil Oil Corporation

DATE 9-2-81
9-3-81
9-4-81
9-7-81
9-8-81

REPORT NO. 81-84
81-85
81-86
81-87
81-88

CROWNPOINT, SECTION 9, PILOT TEST POND MONITOR REPORT

Pond #1



IF FLUIDS ARE PRESENT ANALYZE FOR URANIUM, BICARBONATE, SODIUM & CONDUCTIVITY.

RESULTS OF ANALYSIS

		URANIUM mg/l	BICARBONATE	SODIUM	CONDUCTIVITY
UNDERDRAIN	9P-1	_____	_____	_____	_____
MONITOR	9P-2	_____	_____	_____	_____
MONITOR	9P-3	_____	_____	_____	_____
MONITOR	9P-4	_____	_____	_____	_____
MONITOR	9P-5	_____	_____	_____	_____

Underdrain inspection is required 3 times a week. Monitor well sampling and analysis are not required on these dates.

Mobil Oil Corporation

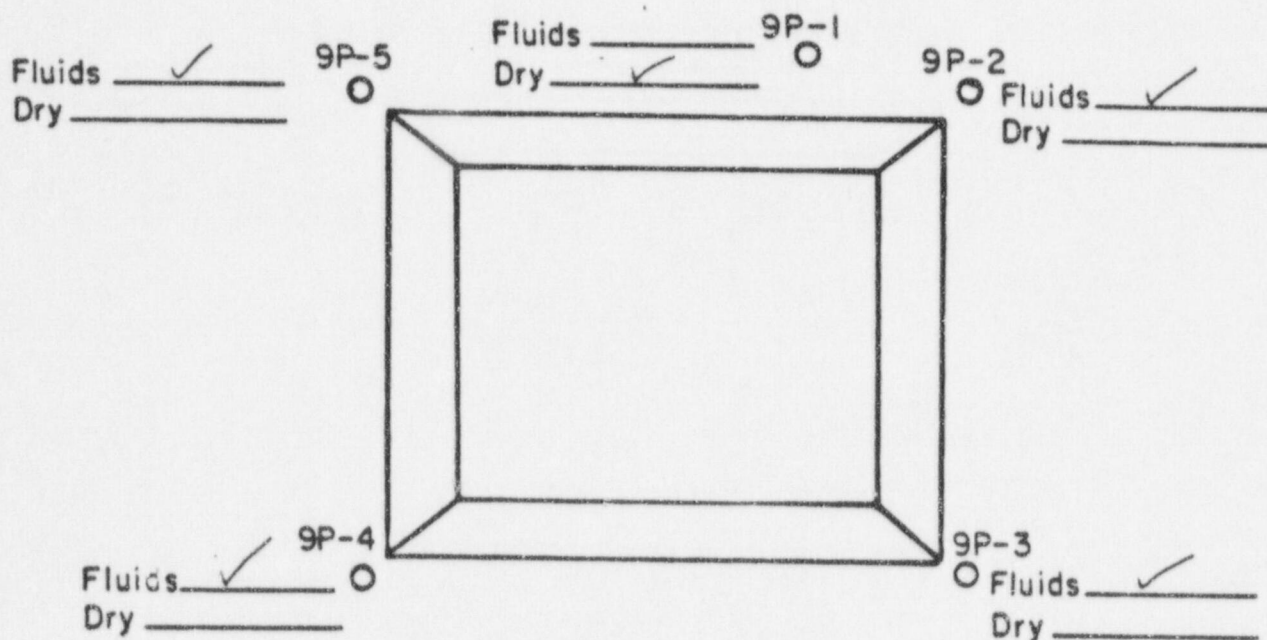
DATE 9-10-81

REPORT NO. 81-89

CROWNPOINT, SECTION 9, PILOT TEST

POND MONITOR REPORT

Pond #1



IF FLUIDS ARE PRESENT ANALYZE FOR URANIUM, BICARBONATE, SODIUM & CONDUCTIVITY.

RESULTS OF ANALYSIS

		URANIUM mg/l	BICARBONATE	SODIUM	CONDUCTIVITY
UNDERDRAIN	9P-1	<u> </u>	<u> </u>	<u> </u>	<u> </u>
MONITOR	9P-2	<u><0.1</u>	<u>0</u>	<u>140</u>	<u>7,300</u>
MONITOR	9P-3	<u><0.1</u>	<u>0</u>	<u>242</u>	<u>18,500</u>
MONITOR	9P-4	<u><0.1</u>	<u>0</u>	<u>430</u>	<u>9,500</u>
MONITOR	9P-5	<u><0.1</u>	<u>0</u>	<u>196</u>	<u>9,300</u>

Underdrain inspection is required 3 times a week. Monitor well sampling and analysis are not required on these dates.

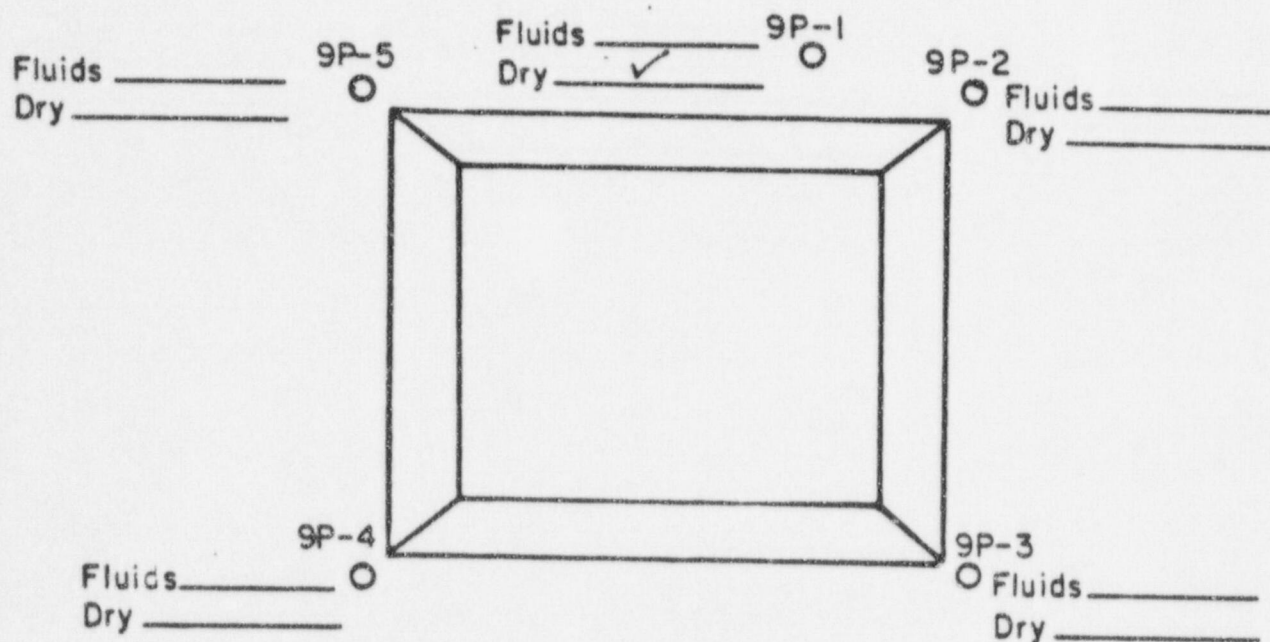
Mobil Oil Corporation

DATE 9-14-81
9-15-81
9-17-81
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REPORT NO. 81-90
81-91
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CROWNPOINT, SECTION 9, PILOT TEST POND MONITOR REPORT

Pond #1



IF FLUIDS ARE PRESENT ANALYZE FOR URANIUM, BICARBONATE, SODIUM & CONDUCTIVITY.

RESULTS OF ANALYSIS

		URANIUM mg/l	BICARBONATE	SODIUM	CONDUCTIVITY
UNDERDRAIN	9P-1	_____	_____	_____	_____
MONITOR	9P-2	_____	_____	_____	_____
MONITOR	9P-3	_____	_____	_____	_____
MONITOR	9P-4	_____	_____	_____	_____
MONITOR	9P-5	_____	_____	_____	_____

Underdrain inspection is required 3 times a week. Monitor well sampling and analysis are not required on these dates.

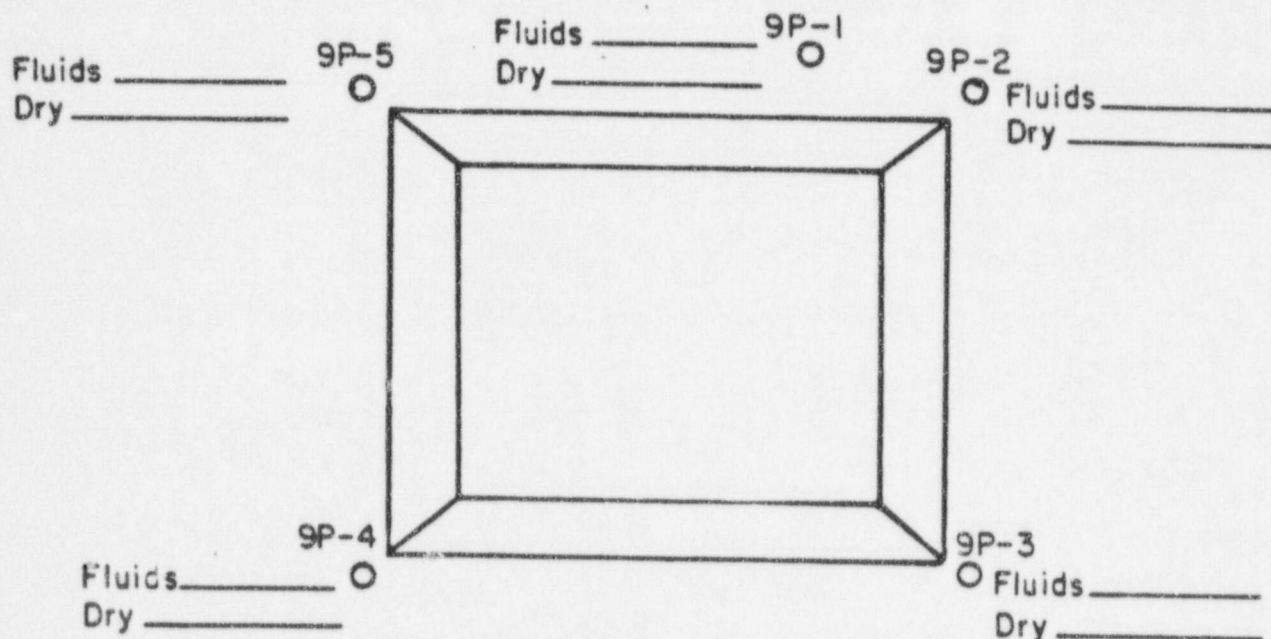
Mobil Oil Corporation

DATE 9-24-81

REPORT NO. 81-95

CROWNPOINT, SECTION 9, PILOT TEST POND MONITOR REPORT

Pond #1



IF FLUIDS ARE PRESENT ANALYZE FOR URANIUM, BICARBONATE, SODIUM & CONDUCTIVITY.

RESULTS OF ANALYSIS *for pond monitors not available.*
Due to employee sickness, sampling not completed.

	URANIUM mg/l	BICARBONATE	SODIUM	CONDUCTIVITY
UNDERDRAIN 9P-1	_____	_____	_____	_____
MONITOR 9P-2	_____	_____	_____	_____
MONITOR 9P-3	_____	_____	_____	_____
MONITOR 9P-4	_____	_____	_____	_____
MONITOR 9P-5	_____	_____	_____	_____

Underdrain inspection is required 3 times a week. Monitor well sampling and analysis are not required on these dates.

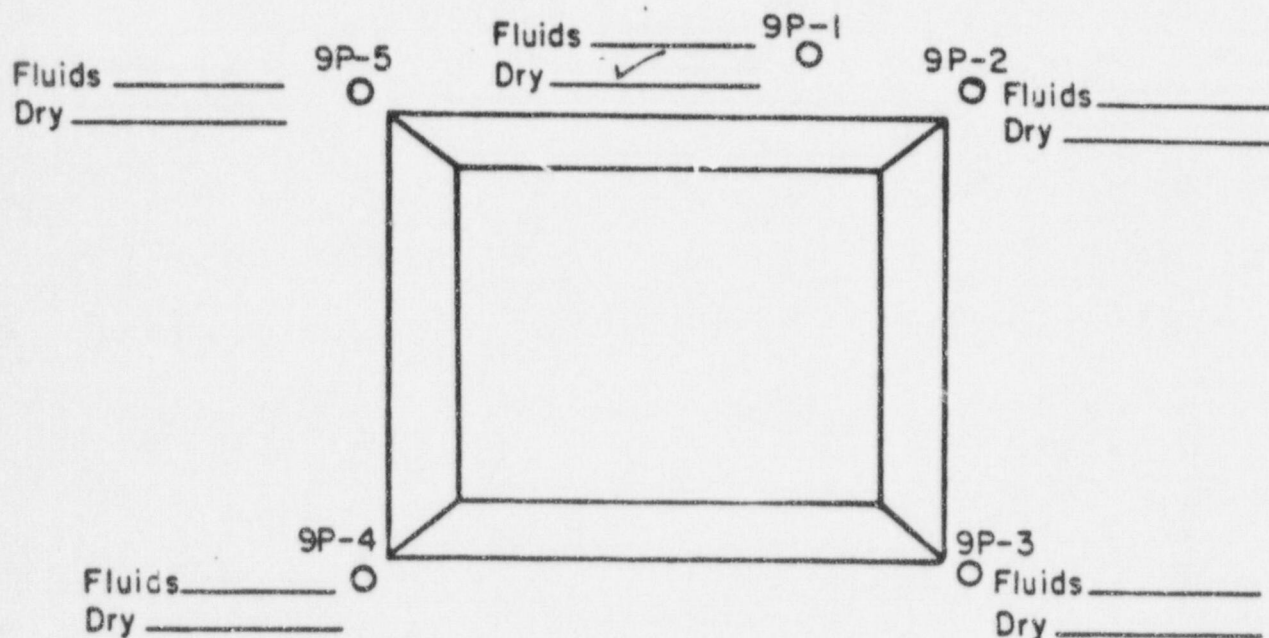
Mobil Oil Corporation

DATE 9-30-81

REPORT NO. 81-96

CROWNPOINT, SECTION 9, PILOT TEST POND MONITOR REPORT

Pond #1



IF FLUIDS ARE PRESENT ANALYZE FOR URANIUM, BICARBONATE, SODIUM & CONDUCTIVITY.

RESULTS OF ANALYSIS

	URANIUM mg/l	BICARBONATE	SODIUM	CONDUCTIVITY
UNDERDRAIN 9P-1	_____	_____	_____	_____
MONITOR 9P-2	_____	_____	_____	_____
MONITOR 9P-3	_____	_____	_____	_____
MONITOR 9P-4	_____	_____	_____	_____
MONITOR 9P-5	_____	_____	_____	_____

Underdrain inspection is required 3 times a week. Monitor well sampling and analysis are not required on these dates.

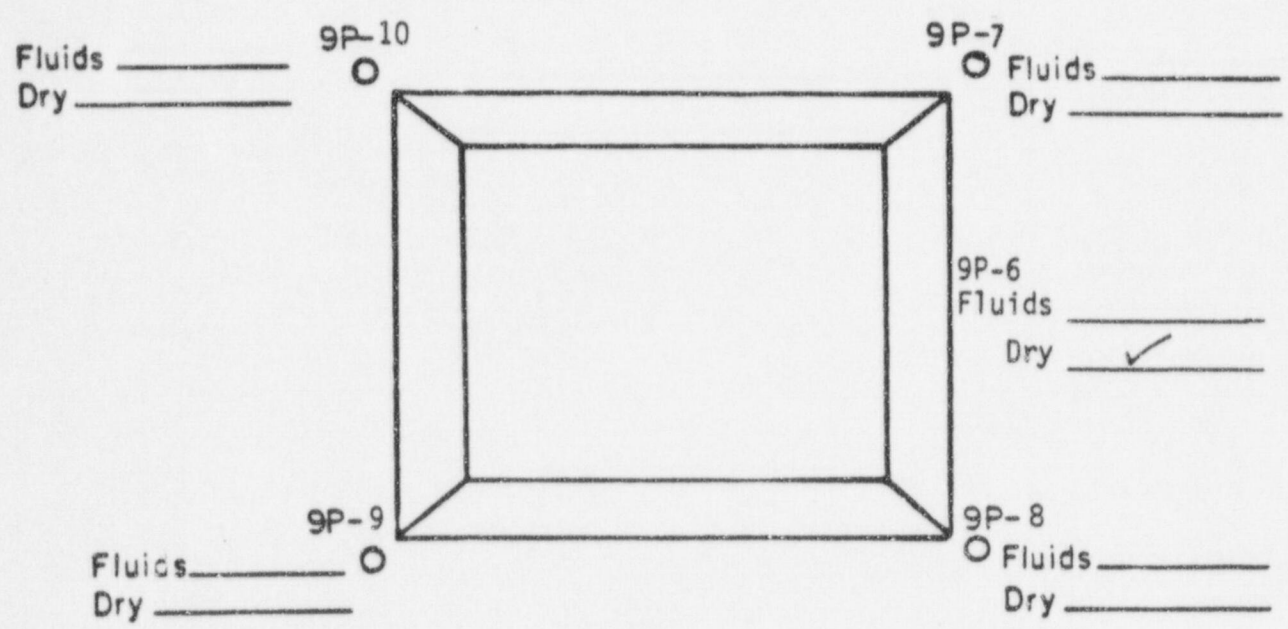
Mobil Oil Corporation

DATE 9-2-81
9-3-81
9-4-81
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9-8-81

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CROWNPOINT, SECTION 9, PILOT TEST POND MONITOR REPORT

Pond #2



IF FLUIDS ARE PRESENT ANALYZE FOR URANIUM, BICARBONATE, SODIUM & CONDUCTIVITY.

RESULTS OF ANALYSIS

	URANIUM mg/l	BICARBONATE	SODIUM	CONDUCTIVITY
UNDERDRAIN 9P-6	_____	_____	_____	_____
MONITOR 9P-7	_____	_____	_____	_____
MONITOR 9P-8	_____	_____	_____	_____
MONITOR 9P-9	_____	_____	_____	_____
MONITOR 9P-10	_____	_____	_____	_____

Underdrain inspection is required 3 times a week. Monitor well sampling and analysis are not required on these dates.

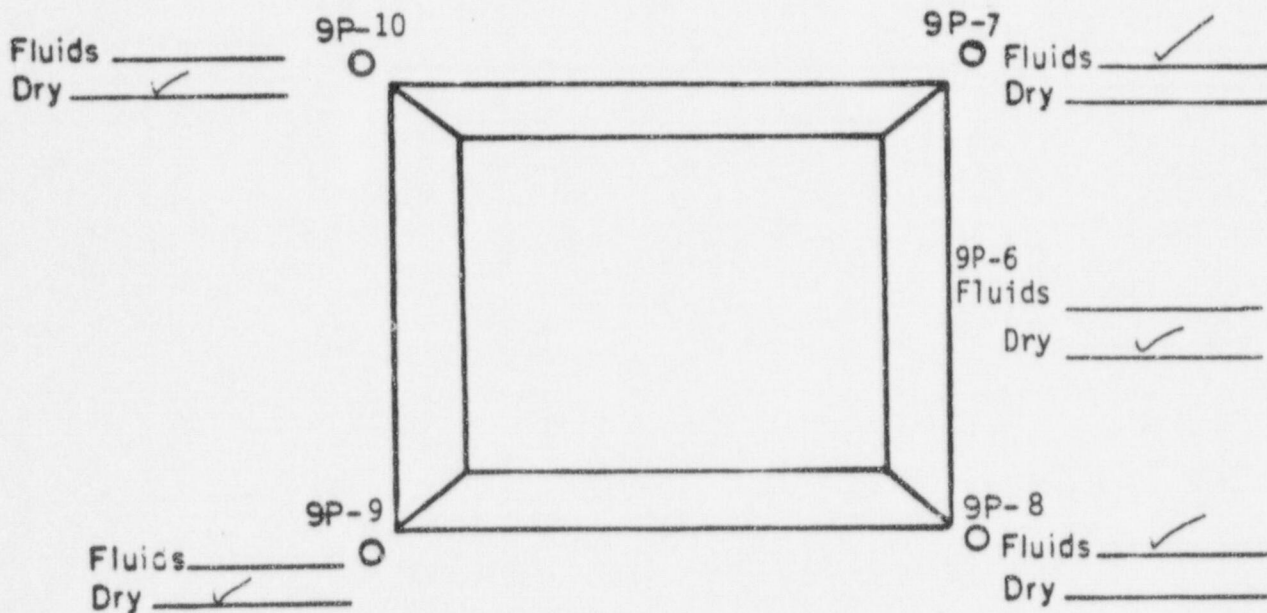
Mobil Oil Corporation

DATE 9-10-81

REPORT NO. 81-89

CROWNPOINT, SECTION 9, PILOT TEST POND MONITOR REPORT

Pond #2



IF FLUIDS ARE PRESENT ANALYZE FOR URANIUM, BICARBONATE, SODIUM & CONDUCTIVITY.

RESULTS OF ANALYSIS

		URANIUM mg/l	BICARBONATE	SODIUM	CONDUCTIVITY
UNDERDRAIN	9P-6	_____	_____	_____	_____
MONITOR	9P-7	<u><0.1</u>	<u>0</u>	<u>276</u>	<u>8,600</u>
MONITOR	9P-8	<u><0.1</u>	<u>0</u>	<u>272</u>	<u>9,200</u>
MONITOR	9P-9	_____	_____	_____	_____
MONITOR	9P-10	_____	_____	_____	_____

Underdrain inspection is required 3 times a week. Monitor well sampling and analysis are not required on these dates.

Mobil Oil Corporation

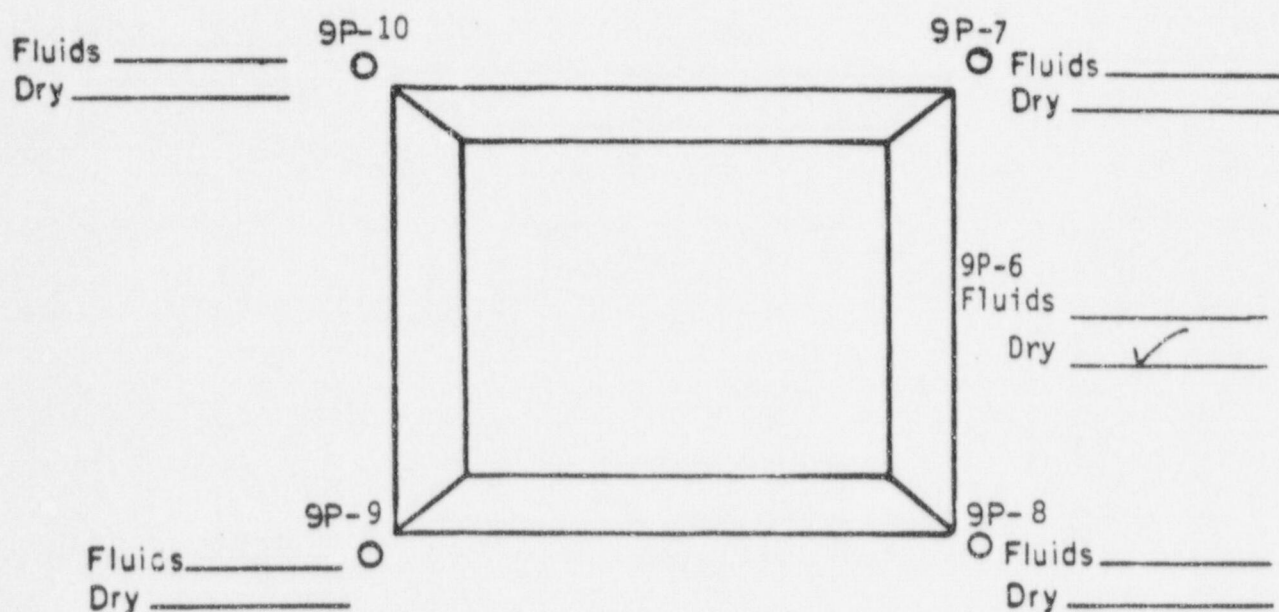
DATE 9-14-81
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CROWNPOINT, SECTION 9, PILOT TEST

POND MONITOR REPORT

Pond #2



IF FLUIDS ARE PRESENT ANALYZE FOR URANIUM, BICARBONATE, SODIUM & CONDUCTIVITY.

RESULTS OF ANALYSIS

	URANIUM mg/l	BICARBONATE	SODIUM	CONDUCTIVITY
UNDERDRAIN 9P-6	_____	_____	_____	_____
MONITOR 9P-7	_____	_____	_____	_____
MONITOR 9P-8	_____	_____	_____	_____
MONITOR 9P-9	_____	_____	_____	_____
MONITOR 9P-10	_____	_____	_____	_____

Underdrain inspection is required 3 times a week. Monitor well sampling and analysis are not required on these dates.