

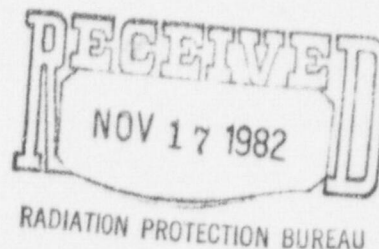
Nufuels Corporation

P.O. DRAWER F
CROWNPOINT, NEW MEXICO 87313

November 15, 1982

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Gerald W. Stewart
Health 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 - OCTOBER 1982

Dear Mr. Stewart:

Nufuels Corporation submits for Mobil Oil Corporation, Uranium/Minerals, 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 October.

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: October 13, and 27, 1982 and resubmittal for the addition of alpha and beta results for the following date: September 29, 1982.

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.

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a Mobil company

November 15, 1982
Mr. Gerald W. Stewart
Page Two

C. Monthly analysis reports for the sampling date of September 29, 1982.

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 dates of September 29, 1982 plus October 27, 1982 and resubmittal for the addition of alpha and beta results for the following date: September 29, 1982.

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.

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

G. Process stream data for this reporting period.

If you have any questions concerning data reported on these forms, please contact Bob Peirce at (505) 786-5871.

Very truly yours,

Robert D. Peirce

R. D. Peirce
Environmentalist

Attachments

RDP/mtm

cc: J. L. Long - Nufuels (w/o attachments)

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE October 6, 1982

REPORT NO. 82-40

CROWNPOINT, SECTION 9, PILOT TEST

WEEKLY DATA REPORT

<u>WELL NO.</u>	<u>pH</u>	<u>Ec</u> (μ mhos)
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9U-276A	<u>9.1</u>	<u>550</u>
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9U-277	<u>8.6</u>	<u>940</u>
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9U-278	<u>9.0</u>	<u>520</u>
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9U-280	<u>9.1</u>	<u>550</u>
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COMMENTS: _____

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE October 13, 1982

REPORT NO. 82-41

CROWNPOINT, SECTION 9, PILOT TEST

WEEKLY DATA REPORT

<u>WELL NO.</u>	<u>pH</u>	<u>Ec</u> (μ mhos)
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9U-276A	<u>9.0</u>	<u>425</u>
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9U-277	<u>8.7</u>	<u>700</u>
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9U-278	<u>9.0</u>	<u>435</u>
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9U-280	<u>9.2</u>	<u>440</u>
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COMMENTS: _____

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE October 20, 1982

REPORT NO. 82-42

CROWNPOINT, SECTION 9, PILOT TEST

WEEKLY DATA REPORT

<u>WELL NO.</u>	<u>pH</u>	<u>Ec</u> (μ mhos)
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9U-276A	<u>9.1</u>	<u>595</u>
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9U-277	<u>8.6</u>	<u>975</u>
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9U-278	<u>8.9</u>	<u>550</u>
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9U-280	<u>9.0</u>	<u>590</u>
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COMMENTS: _____

DATE October 27, 1982

REPORT NO. 82-43

CROWNPOINT, SECTION 9, PILOT TEST

WEEKLY DATA REPORT

<u>WELL NO.</u>	<u>pH</u>	<u>Ec</u> (μ mhos)
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9U-276A	<u>9.1</u>	<u>455</u>
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9U-277	<u>8.6</u>	<u>680</u>
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9U-278	<u>9.0</u>	<u>430</u>
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9U-280	<u>9.0</u>	<u>435</u>
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COMMENTS: _____

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE 10-13-82

REPORT NO. 82-21

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>9.1</u>	<u>420</u>	<u>34</u>	<u><0.1</u>	<u><0.2</u>	<u>112</u>	<u>4$\pm$4</u>	<u>3$\pm$3</u>
9U-207	<u>7.6</u>	<u>810</u>	<u>250</u>	<u><0.1</u>	<u><0.2</u>	<u>195</u>	<u>3$\pm$5</u>	<u>4$\pm$4</u>
9U-221	<u>9.0</u>	<u>425</u>	<u>36</u>	<u><0.1</u>	<u><0.2</u>	<u>112</u>	<u>14$\pm$5</u>	<u>7$\pm$3</u>
9U-222	<u>9.3</u>	<u>455</u>	<u>37</u>	<u><0.1</u>	<u><0.2</u>	<u>120</u>	<u>0$\pm$3</u>	<u>3$\pm$3</u>
9U-223	<u>9.0</u>	<u>420</u>	<u>26</u>	<u><0.1</u>	<u><0.2</u>	<u>114</u>	<u>2$\pm$3</u>	<u>7$\pm$3</u>
9U-224	<u>9.3</u>	<u>410</u>	<u>31</u>	<u><0.1</u>	<u><0.2</u>	<u>114</u>	<u>7$\pm$4</u>	<u>6$\pm$3</u>
9U-225	<u>9.0</u>	<u>410</u>	<u>28</u>	<u><0.1</u>	<u><0.2</u>	<u>110</u>	<u>28$\pm$6</u>	<u>26$\pm$4</u>
9U-276B	<u>8.8</u>	<u>610</u>	<u>120</u>	<u><0.1</u>	<u><0.2</u>	<u>152</u>	<u>0$\pm$3</u>	<u>3$\pm$3</u>
9U-279	<u>9.1</u>	<u>430</u>	<u>37</u>	<u><0.1</u>	<u><0.2</u>	<u>112</u>	<u>(1)</u>	<u>(1)</u>

COMMENTS: (1) Analysis required only once every 4 weeks

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE 10-27-82

REPORT NO. 82-22

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 A (pci/l)	GROSS B (pci/l)
9U-202	<u>9.0</u>	<u>390</u>	<u>28</u>	<u><0.1</u>	<u><0.2</u>	<u>112</u>		
9U-207	<u>7.6</u>	<u>795</u>	<u>245</u>	<u><0.1</u>	<u><0.2</u>	<u>195</u>		
9U-221	<u>9.0</u>	<u>430</u>	<u>38</u>	<u><0.1</u>	<u><0.2</u>	<u>114</u>		
9U-222	<u>9.0</u>	<u>420</u>	<u>38</u>	<u><0.1</u>	<u><0.2</u>	<u>124</u>		
9U-223	<u>8.8</u>	<u>415</u>	<u>33</u>	<u><0.1</u>	<u><0.2</u>	<u>114</u>		
9U-224	<u>9.1</u>	<u>440</u>	<u>39</u>	<u><0.1</u>	<u><0.2</u>	<u>112</u>		
9U-225	<u>8.9</u>	<u>410</u>	<u>24</u>	<u><0.1</u>	<u><0.2</u>	<u>114</u>		
9U-276 B	<u>8.8</u>	<u>610</u>	<u>120</u>	<u><0.1</u>	<u><0.2</u>	<u>162</u>		
9U-279	<u>8.9</u>	<u>425</u>	<u>38</u>	<u><0.1</u>	<u><0.2</u>	<u>118</u>		

COMMENTS: _____

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE 9-29-82

REPORT NO. 82-20

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>425</u>	<u>34</u>	<u><0.1</u>	<u><0.2</u>	<u>116</u>	<u>7$\pm$4</u>	<u>1$\pm$3</u>
9U-207	<u>7.5</u>	<u>840</u>	<u>240</u>	<u><0.1</u>	<u><0.2</u>	<u>190</u>	<u>2$\pm$5</u>	<u>6$\pm$4</u>
9U-221	<u>9.0</u>	<u>435</u>	<u>32</u>	<u><0.1</u>	<u><0.2</u>	<u>114</u>	<u>13$\pm$4</u>	<u>5$\pm$3</u>
9U-222	<u>9.1</u>	<u>455</u>	<u>37</u>	<u><0.1</u>	<u><0.2</u>	<u>120</u>	<u>2$\pm$3</u>	<u>0$\pm$3</u>
9U-223	<u>8.9</u>	<u>430</u>	<u>31</u>	<u><0.1</u>	<u><0.2</u>	<u>112</u>	<u>3$\pm$3</u>	<u>3$\pm$3</u>
9U-224	<u>9.0</u>	<u>420</u>	<u>39</u>	<u><0.1</u>	<u><0.2</u>	<u>106</u>	<u>9$\pm$4</u>	<u>6$\pm$3</u>
9U-225	<u>9.0</u>	<u>415</u>	<u>25</u>	<u><0.1</u>	<u><0.2</u>	<u>114</u>	<u>19$\pm$5</u>	<u>24$\pm$4</u>
9U-276B	<u>8.6</u>	<u>625</u>	<u>130</u>	<u><0.1</u>	<u><0.2</u>	<u>158</u>	<u>1$\pm$3</u>	<u>1$\pm$3</u>
9U-279	<u>9.0</u>	<u>430</u>	<u>34</u>	<u><0.1</u>	<u><0.2</u>	<u>114</u>	<u>1$\pm$4</u>	<u>4$\pm$4</u>

COMMENTS: _____

DATE 9-29-82

REPORT NO. 82-10

CROWNPOINT, SECTION 9, PILOT TEST

MONTHLY DATA REPORT *

WELL NO.	ARSENIC (mg/l)	MERCURY (total) (mg/l)	CADMIUM (mg/l)	ZINC (mg/l)	FLOURIDE (mg/l)
9U-202	<u><0.005</u>	<u><0.0001</u>	<u><0.005</u>	<u>0.008</u>	<u>0.3</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><0.005</u>	<u>0.2</u>
9U-222	<u><0.005</u>	<u><0.0001</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>0.2</u>
9U-224	<u><0.005</u>	<u><0.0001</u>	<u><0.005</u>	<u>0.008</u>	<u>0.2</u>
9U-225	<u><0.005</u>	<u><0.0001</u>	<u><0.005</u>	<u>0.008</u>	<u>0.3</u>
9U-276 B	<u><0.005</u>	<u><0.0001</u>	<u><0.005</u>	<u><0.005</u>	<u>0.4</u>
9U-279	<u><0.005</u>	<u><0.0001</u>	<u><0.005</u>	<u>0.009</u>	<u>0.2</u>

COMMENTS: * Samples collected and reported every four weeks / thirteen times per year.

DATE 9-29-82

REPORT NO. 82-10

CROWNPOINT, SECTION 9, PILOT TEST

MONTHLY DATA REPORT *

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>0.063</u>	<u>0.3</u>
9U- 277	<u><0.005</u>	<u><0.0001</u>	<u><0.005</u>	<u><0.005</u>	<u><0.2</u>
9U- 278	<u><0.005</u>	<u><0.0001</u>	<u><0.005</u>	<u>0.011</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: * Samples collected and reported every four weeks / thirteen times per year.

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE 10-27-82

REPORT NO. 82-11

CROWNPOINT, SECTION 9, PILOT TEST

BIWEEKLY DATA REPORT *

<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>38</u>	<u><0.1</u>	<u><0.2</u>	<u>120</u>		
9U-277	<u>80</u>	<u><0.1</u>	<u>7.4</u>	<u>190</u>		
9U-278	<u>35</u>	<u><0.1</u>	<u><0.2</u>	<u>118</u>		
9U-280	<u>36</u>	<u><0.1</u>	<u><0.2</u>	<u>118</u>		

COMMENTS: * Samples collected and reported every four weeks / thirteen times per year.

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE 9-29-82

REPORT NO. 82-10

CROWNPOINT, SECTION 9, PILOT TEST MONTHLY DATA REPORT *

<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>38</u>	<u><0.1</u>	<u><0.2</u>	<u>122</u>	<u>1±3</u>	<u>0±3</u>
9U-277	<u>113</u>	<u><0.1</u>	<u>9.5</u>	<u>205</u>	<u>1±4</u>	<u>4±4</u>
9U-278	<u>38</u>	<u><0.1</u>	<u><0.2</u>	<u>118</u>	<u>5±4</u>	<u>3±3</u>
9U-280	<u>36</u>	<u><0.1</u>	<u><0.2</u>	<u>126</u>	<u>11±4</u>	<u>5±3</u>

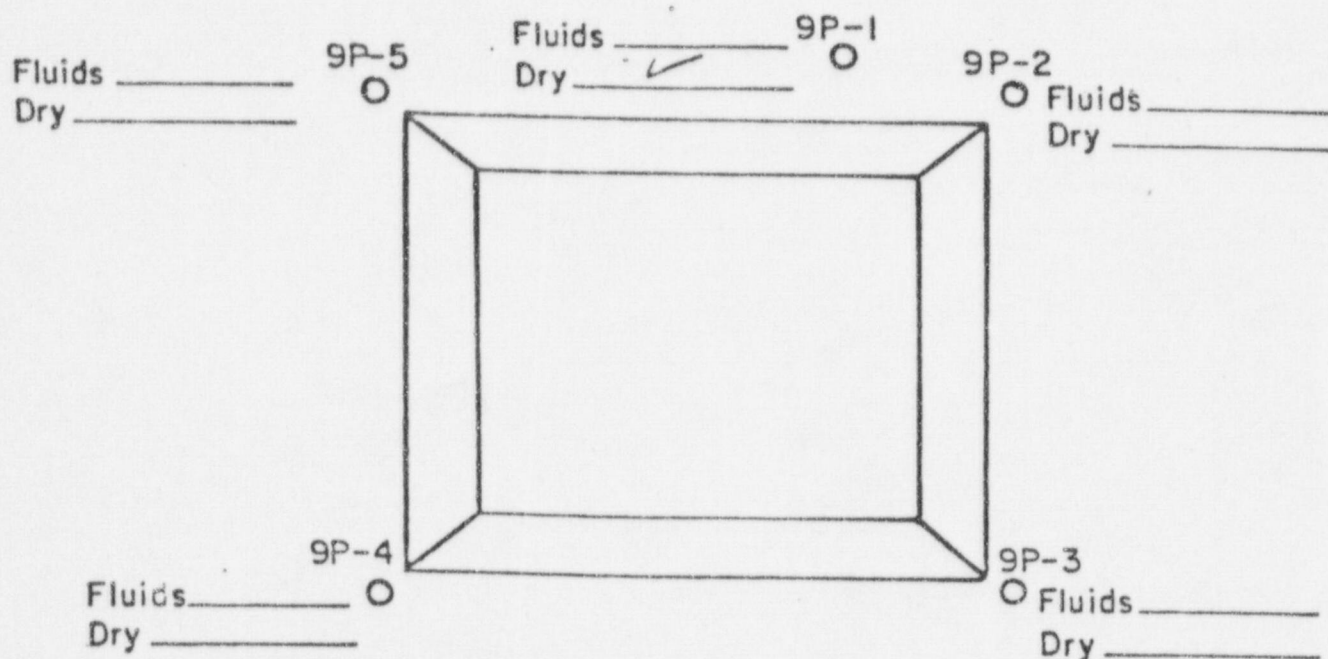
COMMENTS: * Samples collected and reported every four weeks / thirteen times per year.

DATE 10-4-82
10-5-82

REPORT NO. 82-117
82-118

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.

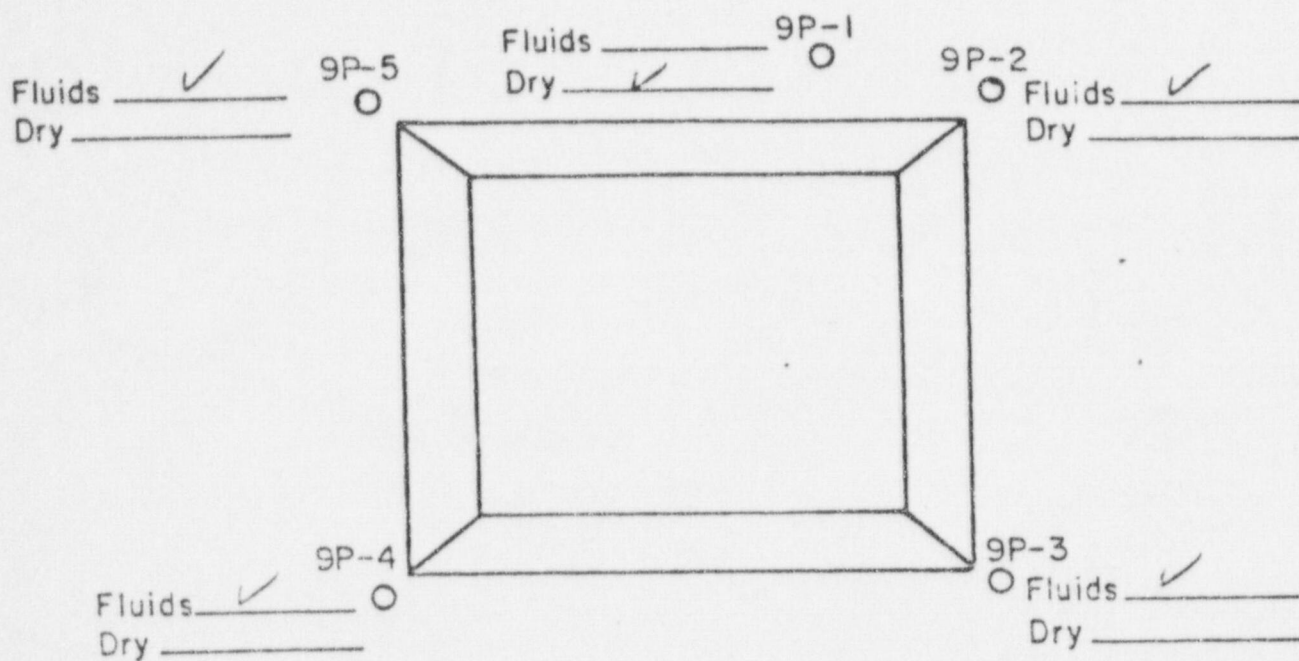
DATE 10-7-82

REPORT NO. 82-119

CROWNPOINT, SECTION 9, PILOT TEST

POND MONITOR REPORT

Pond #1



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

RESULTS OF ANALYSIS

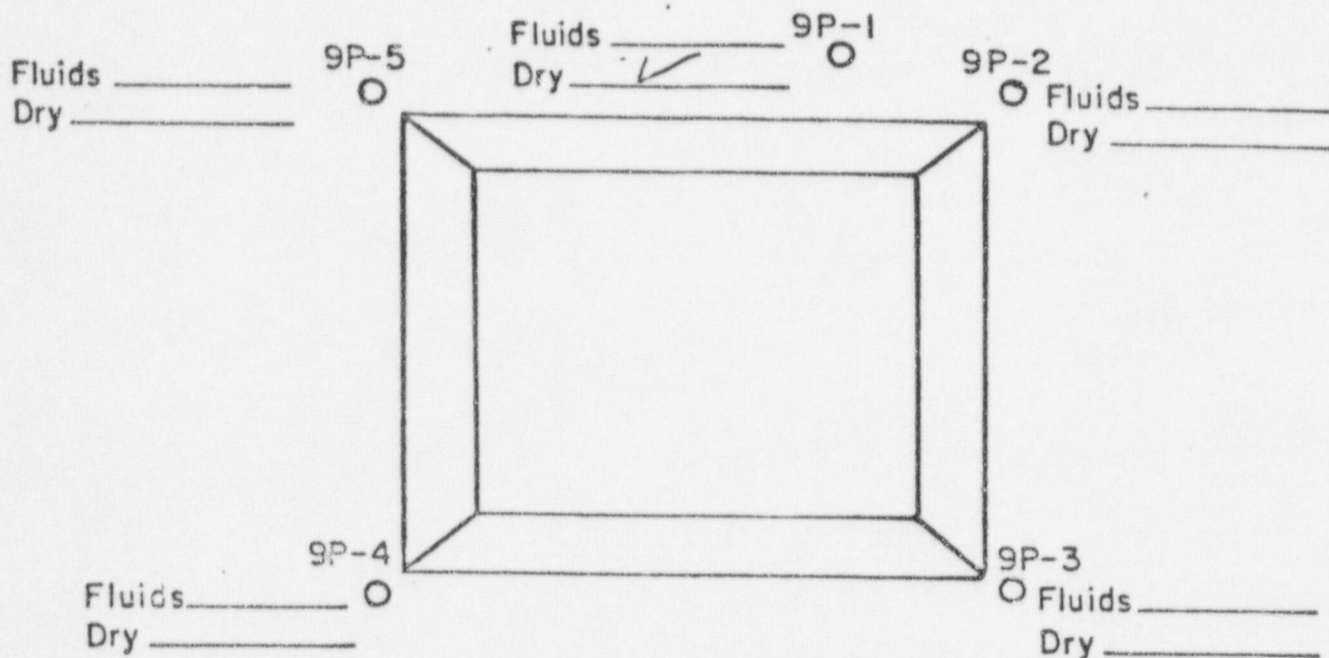
		URANIUM mg/l	BICARBONATE	SODIUM	CONDUCTIVITY
UNDERDRAIN	9P-1	_____	_____	_____	_____
MONITOR	9P-2	<u><0.1</u>	<u>- 0 -</u>	<u>134</u>	<u>8,200</u>
MONITOR	9P-3	<u><0.1</u>	<u>- 0 -</u>	<u>270</u>	<u>23,500</u>
MONITOR	9P-4	<u><0.1</u>	<u>- 0 -</u>	<u>350</u>	<u>9,950</u>
MONITOR	9P-5	<u><0.1</u>	<u>- 0 -</u>	<u>205</u>	<u>11,000</u>

DATE: 10-11-82
10-12-82
10-14-82
10-18-82
10-19-82

REPORT NO. 82-120
82-121
82-122
82-123
82-124

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.

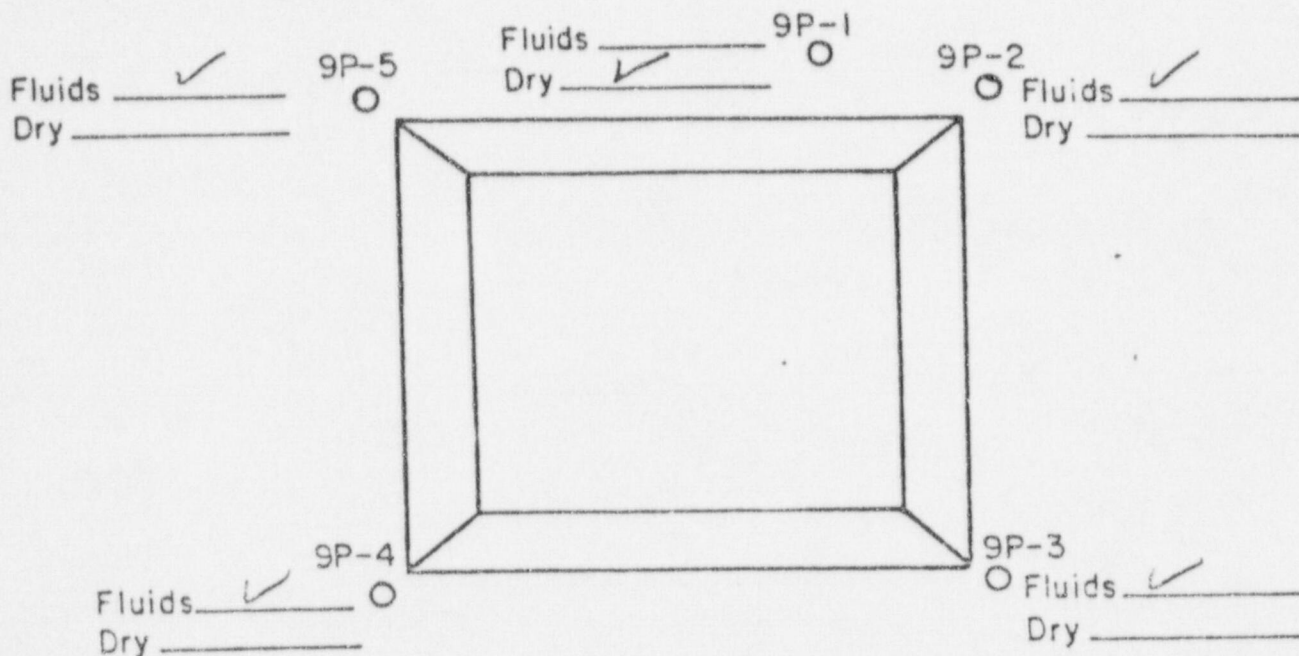
DATE 10-21-82

REPORT NO. 82-125

CROWNPOINT, SECTION 9, PILOT TEST

POND MONITOR REPORT

Pond #1



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

RESULTS OF ANALYSIS

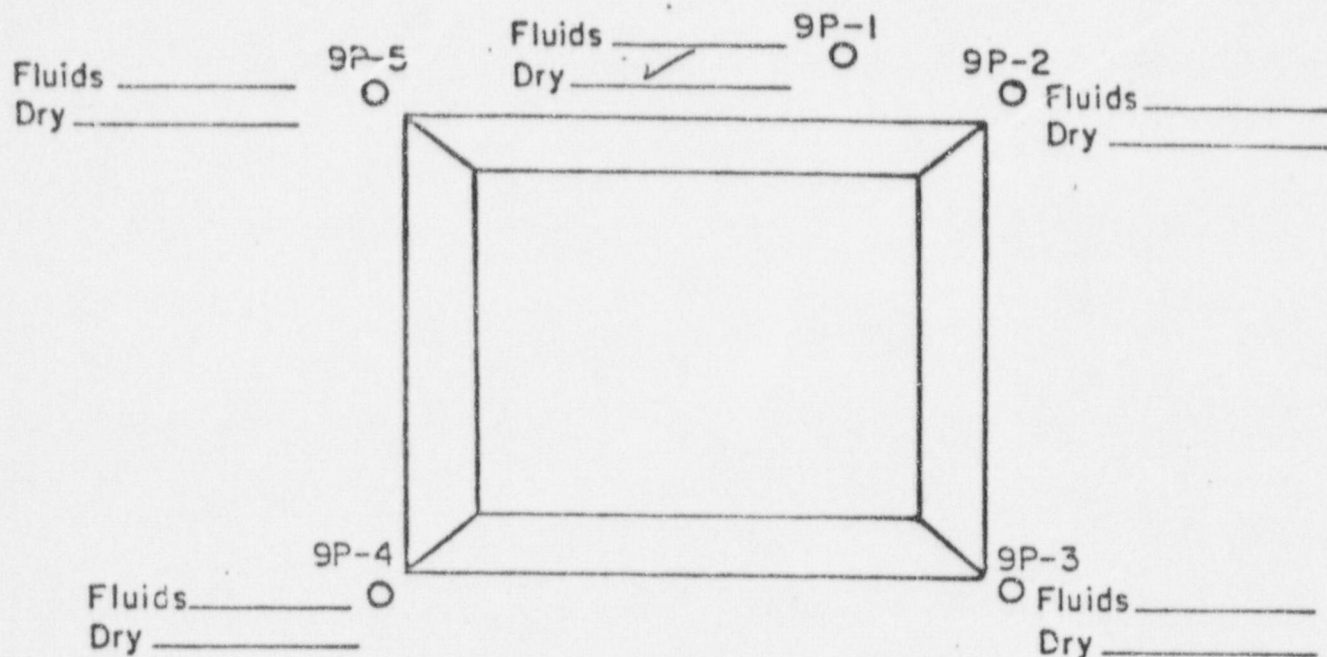
		URANIUM mg/l	BICARBONATE	SODIUM	CONDUCTIVITY
UNDERDRAIN	9P-1				
MONITOR	9P-2	<u><0.1</u>	<u>-0-</u>	<u>146</u>	<u>8,000</u>
MONITOR	9P-3	<u><0.1</u>	<u>-0-</u>	<u>285</u>	<u>22,500</u>
MONITOR	9P-4	<u><0.1</u>	<u>-0-</u>	<u>345</u>	<u>9,800</u>
MONITOR	9P-5	<u><0.1</u>	<u>-0-</u>	<u>210</u>	<u>10,600</u>

DATE 10-25-82
10-26-82
10-27-82

REPORT NO. 82-126
82-127
82-128

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	_____	_____	_____	_____

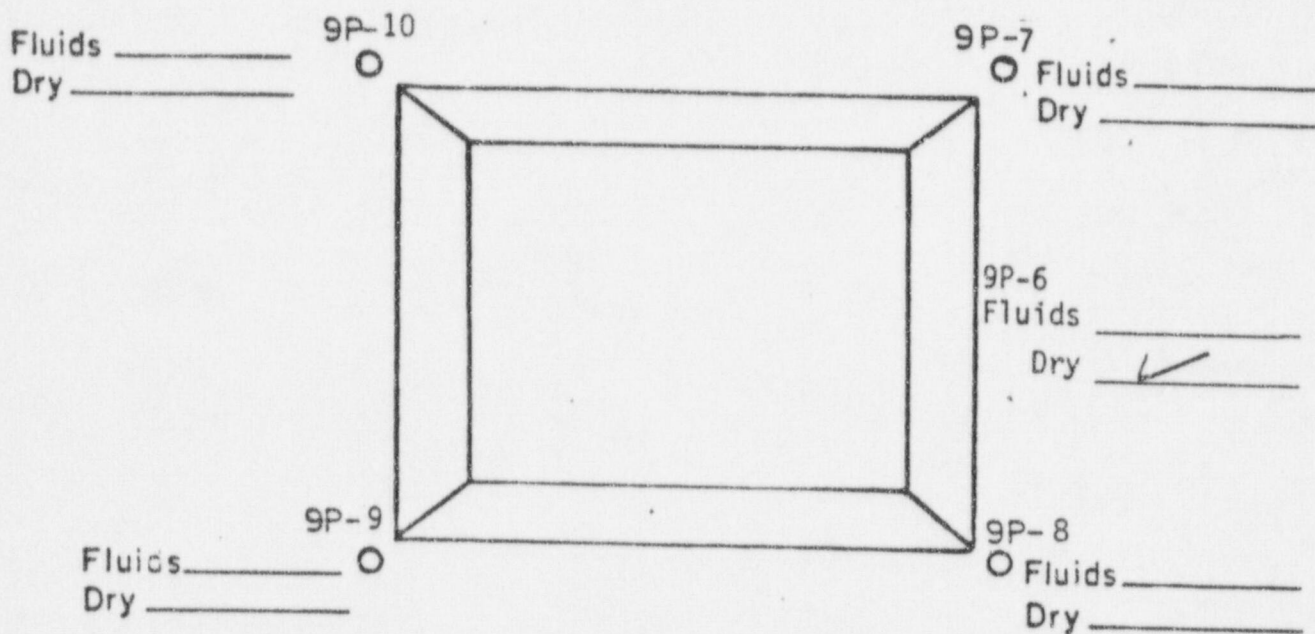
Underdrain inspection is required 3 times a week. Monitor well sampling and analysis are not required on these dates.

DATE 10-4-82
10-5-82

REPORT NO. 82-117
82-118

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.

DATE 10-7-82

REPORT NO. 82-119

CROWNPOINT, SECTION 9, PILOT TEST

POND MONITOR REPORT

POND #2

Fluids ✓

Dry ✓

9P-10

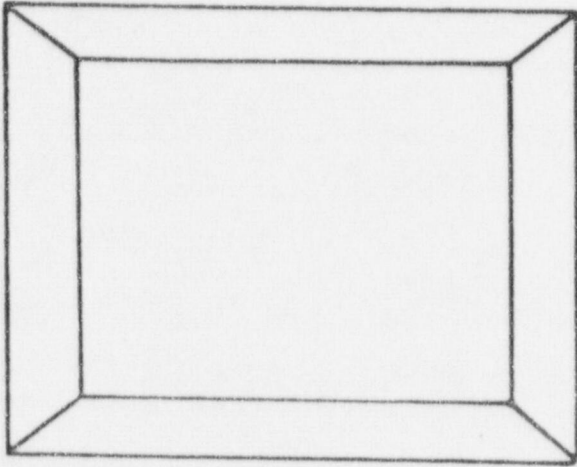
○

9P-7

○

Fluids ✓

Dry ✓



9P-9

○

Fluids ✓

Dry ✓

9P-6

Fluids ✓

Dry ✓

9P-8

○

Fluids ✓

Dry ✓

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

RESULTS OF ANALYSIS

		URANIUM mg/l	BICARBONATE	SODIUM	CONDUCTIVITY
UNDERDRAIN	9P-6	<u> </u>	<u> </u>	<u> </u>	<u> </u>
MONITOR	9P-7	<u><0.1</u>	<u>-0-</u>	<u>325</u>	<u>12,000</u>
MONITOR	9P-8	<u><0.1</u>	<u>-0-</u>	<u>315</u>	<u>11,200</u>
MONITOR	9P-9	<u> </u>	<u> </u>	<u> </u>	<u> </u>
MONITOR	9P-10	<u> </u>	<u> </u>	<u> </u>	<u> </u>

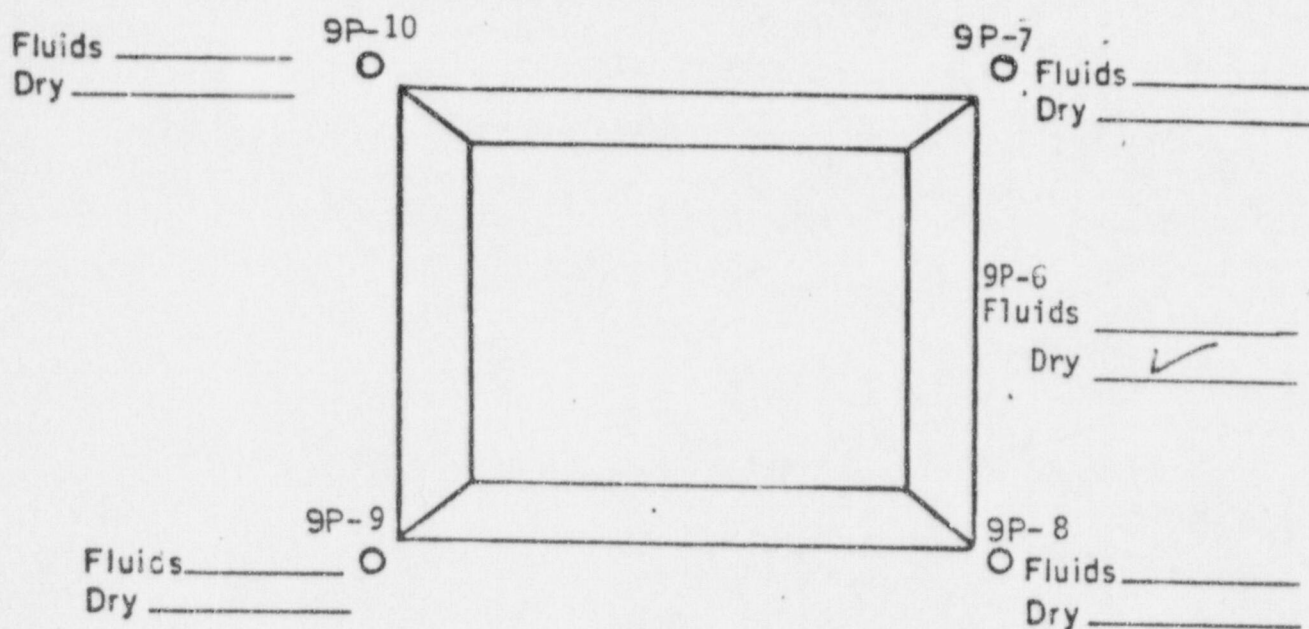
Mobil Oil Corporation

DATE 10-11-82
10-12-82
10-14-82
10-18-82
10-19-82

REPORT NO. 82-120
82-121
82-122
82-123
82-124

* 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.

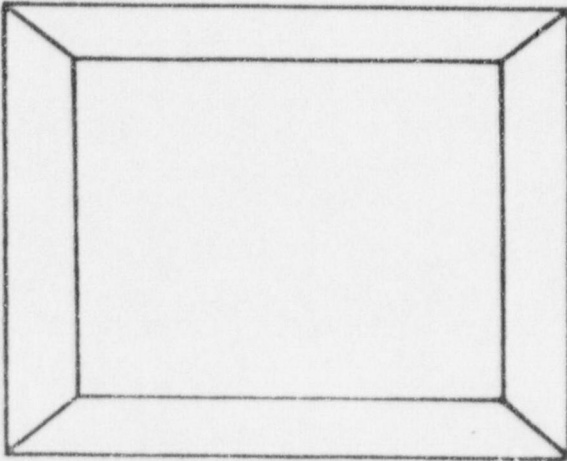
DATE 10-21-82

REPORT NO. 82-125

CROWNPOINT, SECTION 9, PILOT TEST

POND MONITOR REPORT

POND #2

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

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

RESULTS OF ANALYSIS

		URANIUM mg/l	BICARBONATE	SODIUM	CONDUCTIVITY
UNDERDRAIN	9P-6	<u> </u>	<u> </u>	<u> </u>	<u> </u>
MONITOR	9P-7	<u><0.1</u>	<u>-0-</u>	<u>325</u>	<u>11,500</u>
MONITOR	9P-8	<u><0.1</u>	<u>-0-</u>	<u>310</u>	<u>11,000</u>
MONITOR	9P-9	<u> </u>	<u> </u>	<u> </u>	<u> </u>
MONITOR	9P-10	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Mobil Oil Corporation

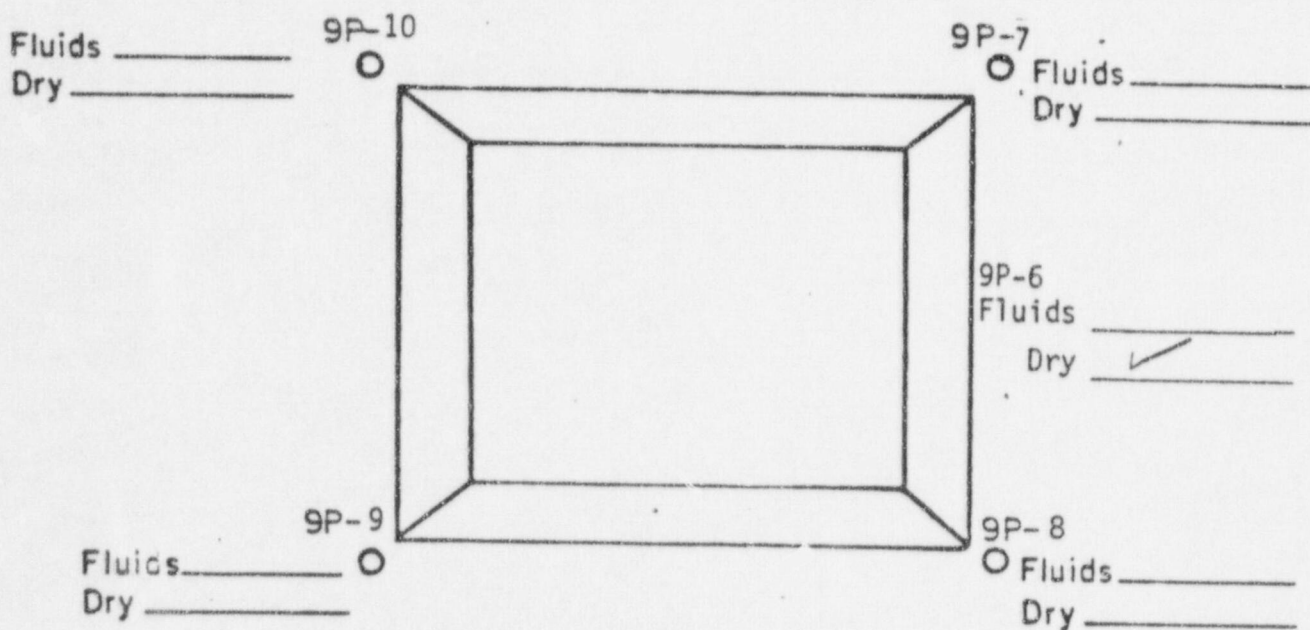
DATE 10-25-82
10-26-82
10-27-82

REPORT NO. 82-126
82-127
82-128

* 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

ENERGY MINERALS DIVISION

DATE 10-1-82

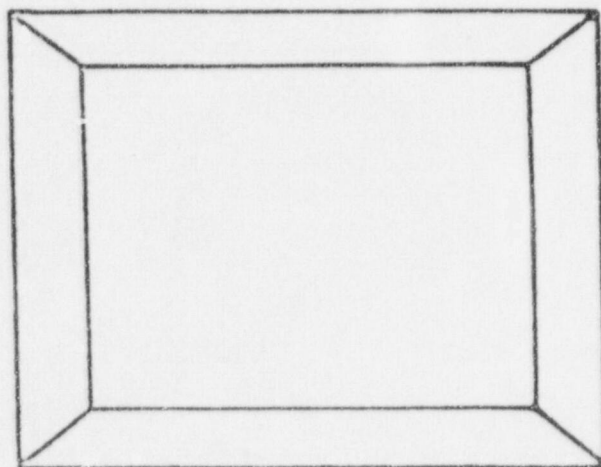
REPORT NO. 82-119

CROWNPOINT, SECTION 9, PILOT TEST

POND MONITOR REPORT

POND #3

Fluids ✓ 9P-110
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><0.1</u>	<u>- 0 -</u>	<u>265</u>	<u>16,000</u>
MONITOR 9P-12	_____	_____	_____	_____

22

DATE 10-3-82

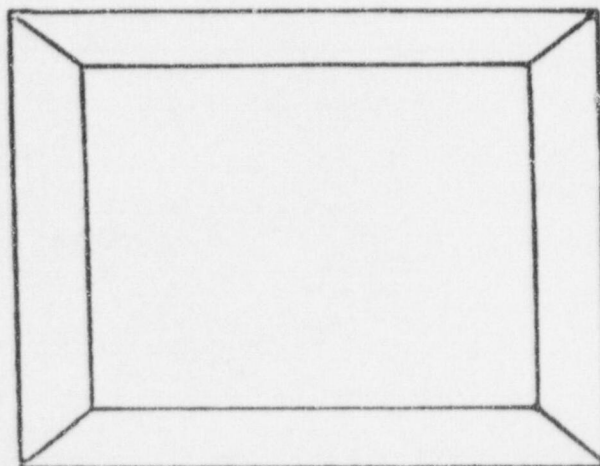
REPORT NO. 82-120

CROWNPOINT, SECTION 9, PILOT TEST

POND MONITOR REPORT

POND #3

Fluids ✓ 9P-110
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><0.1</u>	<u>-0-</u>	<u>265</u>	<u>16,000</u>
MONITOR 9P-12	_____	_____	_____	_____

DATE 10-5-82

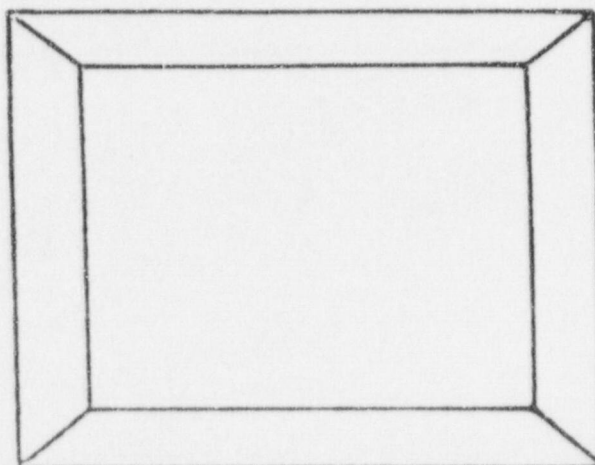
REPORT NO. 82-121

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><0.1</u>	<u>-0-</u>	<u>260</u>	<u>15,000</u>
MONITOR 9P-12	_____	_____	_____	_____

Mobil Oil Corporation

ENERGY MINERALS DIVISION

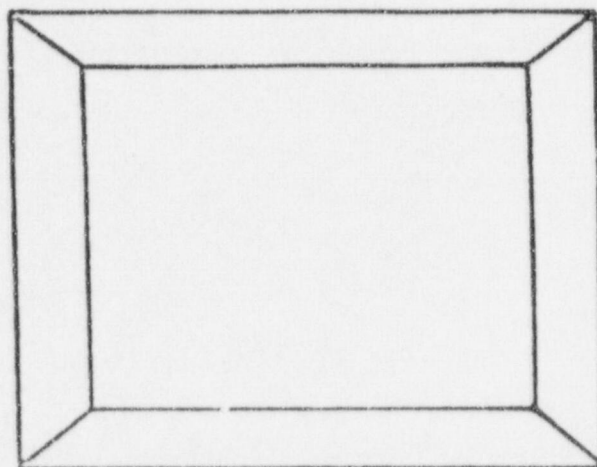
DATE 10-7-82

REPORT NO. 82-122

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><0.1</u>	<u>-0-</u>	<u>260</u>	<u>15,100</u>
MONITOR 9P-12	<u><0.1</u>	<u>-0-</u>	<u>245</u>	<u>2,200</u>

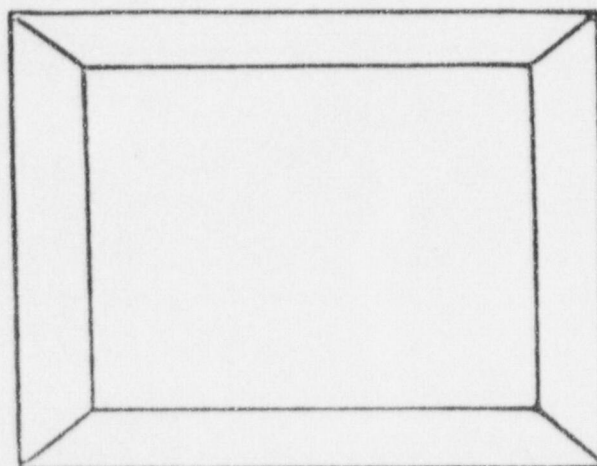
DATE 10-9-82

REPORT NO. 82-123

CROWNPOINT, SECTION 9, PILOT TEST
POND MONITOR REPORT

POND #3

Fluids ✓ 9P-110
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><0.1</u>	<u>-0-</u>	<u>260</u>	<u>16,500</u>
MONITOR 9P-12	_____	_____	_____	_____

Mobil Oil Corporation

ENERGY MINERALS DIVISION

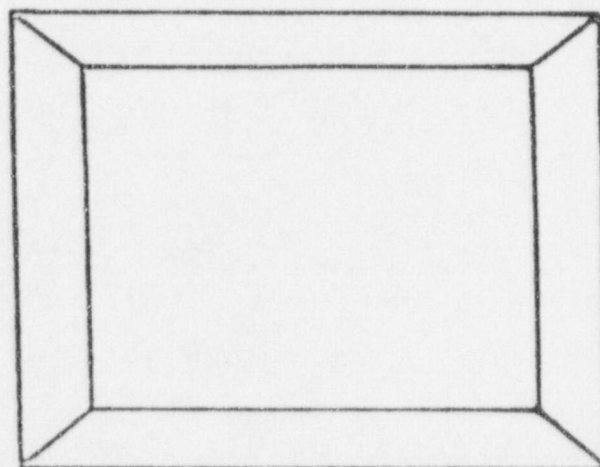
DATE 10-11-82

REPORT NO. 82-124

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><0.1</u>	<u>-0-</u>	<u>260</u>	<u>16,500</u>
MONITOR 9P-12	_____	_____	_____	_____

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE 10-13-82

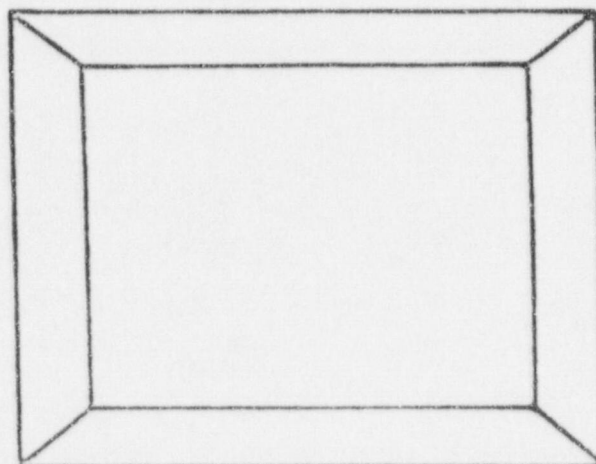
REPORT NO. 82-125

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><0.1</u>	<u>-0-</u>	<u>245</u>	<u>14,000</u>
MONITOR 9P-12	_____	_____	_____	_____

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE 10-15-82

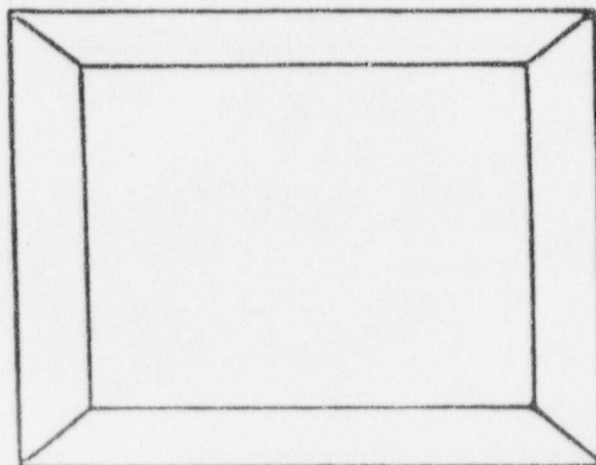
REPORT NO. 82-126

CROWNPOINT, SECTION 9, PILOT TEST

POND MONITOR REPORT

POND #3

Fluids ✓ 9P-110
Dry _____



9P-12
④ 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><0.1</u>	<u>-0-</u>	<u>255</u>	<u>14,500</u>
MONITOR 9P-12	_____	_____	_____	_____

Mobil Oil Corporation

ENERGY MINERALS DIVISION

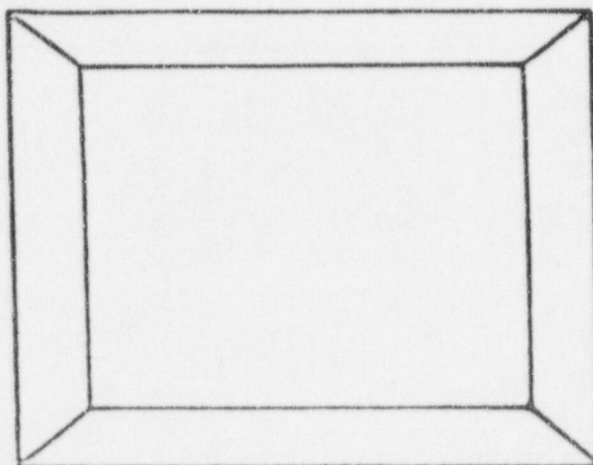
DATE 10-17-82

REPORT NO. 82-127

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><0.1</u>	<u>-0-</u>	<u>255</u>	<u>15,600</u>
MONITOR 9P-12	_____	_____	_____	_____

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE 10-19-82

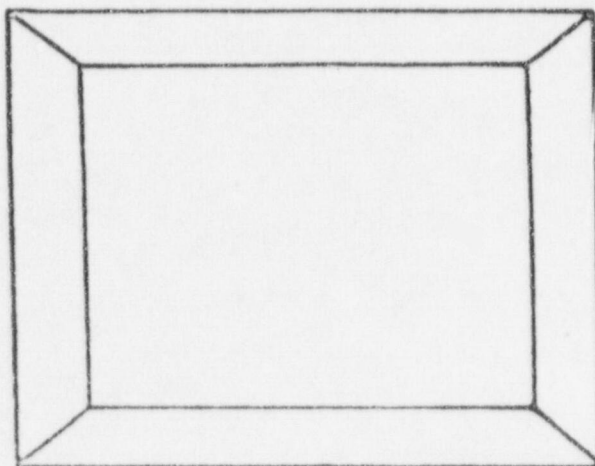
REPORT NO. 82-128

CROWNPOINT, SECTION 9, PILOT TEST

POND MONITOR REPORT

POND #3

Fluids ✓ 9P-110
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><0.1</u>	<u>-0-</u>	<u>255</u>	<u>15,500</u>
MONITOR 9P-12	_____	_____	_____	_____

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE 10-21-82

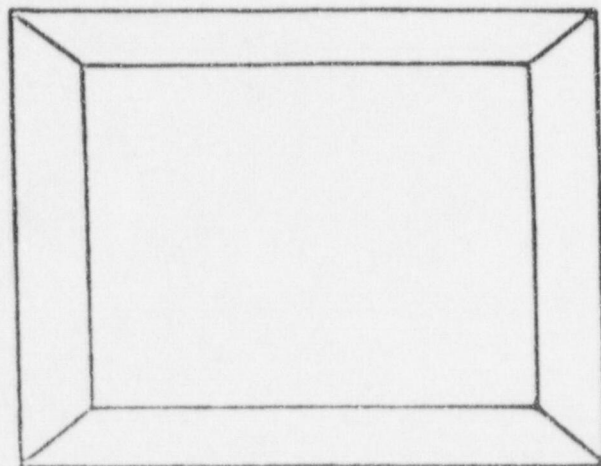
REPORT NO. 82-129

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><0.1</u>	<u>-0-</u>	<u>245</u>	<u>16,500</u>
MONITOR 9P-12	_____	_____	_____	_____

DATE 10-23-82

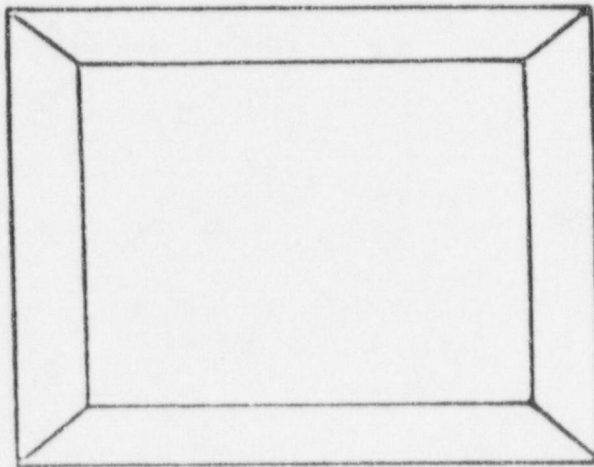
REPORT NO. 82-130

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><0.1</u>	<u>-0-</u>	<u>245</u>	<u>16,500</u>
MONITOR 9P-12	_____	_____	_____	_____

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE 10-25-82

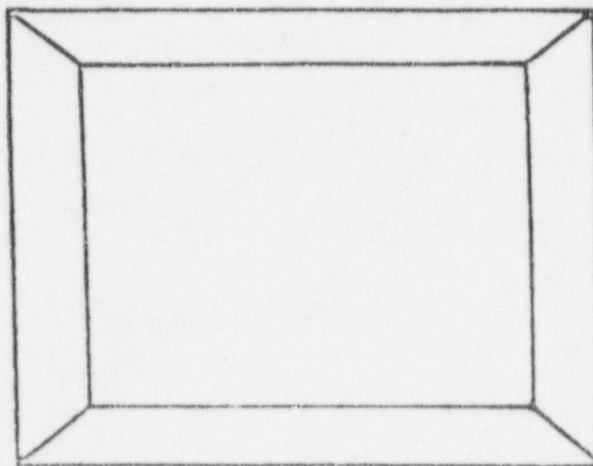
REPORT NO. 82-131

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><0.1</u>	<u>-0-</u>	<u>260</u>	<u>14,600</u>
MONITOR 9P-12	<u><0.1</u>	<u>-0-</u>	<u>240</u>	<u>7,300</u>

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE 10-27-82

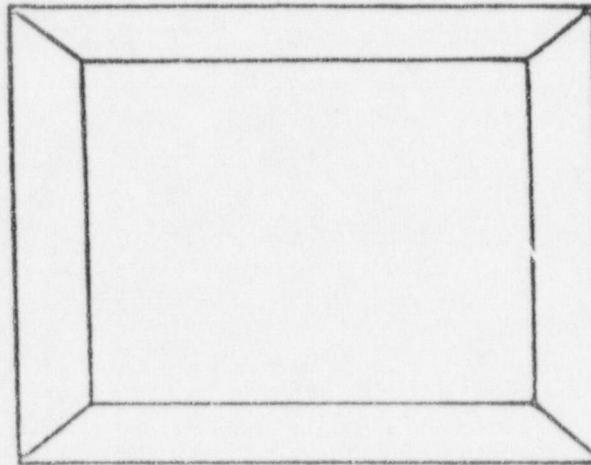
REPORT NO. 82-132

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><0.1</u>	<u>-0-</u>	<u>250</u>	<u>15,400</u>
MONITOR 9P-12	_____	_____	_____	_____

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE 10-29-82

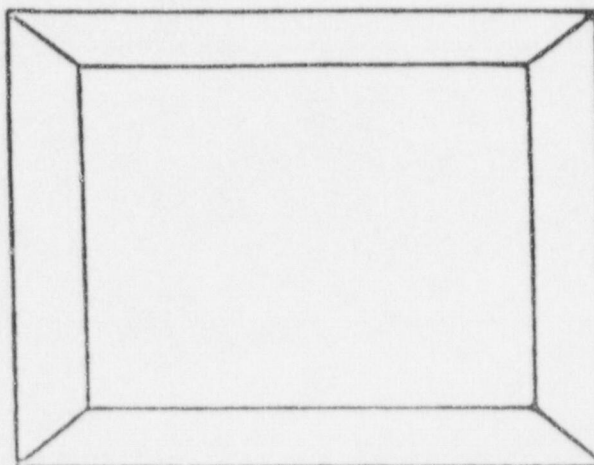
REPORT NO. 82-133

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><0.1</u>	<u>-0-</u>	<u>250</u>	<u>15,600</u>
MONITOR 9P-12	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE 10-31-82

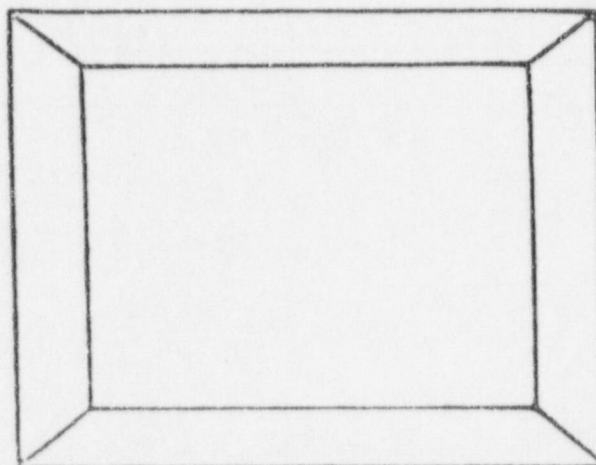
REPORT NO. 82-134

CROWNPOINT, SECTION 9, PILOT TEST

POND MONITOR REPORT

POND #3

Fluids ✓ 9P-110
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><0.1</u>	<u>-0-</u>	<u>270</u>	<u>15,600</u>
MONITOR 9P-12	_____	_____	_____	_____

Mobil Oil Corporation

ENERGY MINERALS DIVISION

SAMPLE PERIOD October 1982

REPORT NO. 82-10

CROWNPOINT, SECTION 9, PILOT TEST

WEEKLY DATA REPORT

WELL NO.	DATE 10-6	DATE 10-13	DATE 10-20	DATE 10-27	DATE
9U-202	W.L. <u>262.53</u> ft.	<u>262.38</u> ft.	<u>263.59</u> ft.	<u>262.19</u> ft.	_____ ft.
9U-207	W.L. <u>65.44</u> ft.	<u>61.26</u> ft.	<u>61.45</u> ft.	<u>61.60</u> ft.	_____ ft.
9U-221	W.L. <u>252.24</u> ft.	<u>252.00</u> ft.	<u>252.18</u> ft.	<u>251.64</u> ft.	_____ ft.
9U-222	W.L. <u>280.28</u> ft.	<u>280.50</u> ft.	<u>280.37</u> ft.	<u>280.31</u> ft.	_____ ft.
9U-223	W.L. <u>276.96</u> ft.	<u>273.79</u> ft.	<u>271.95</u> ft.	<u>272.30</u> ft.	_____ ft.
9U-224	W.L. <u>285.32</u> ft.	<u>285.54</u> ft.	<u>285.48</u> ft.	<u>285.52</u> ft.	_____ ft.
9U-225	W.L. <u>262.20</u> ft.	<u>267.00</u> ft.	<u>266.93</u> ft.	<u>267.13</u> ft.	_____ ft.
9U-276A	W.L. <u>266.77</u> ft.	<u>266.51</u> ft.	<u>266.78</u> ft.	<u>266.36</u> ft.	_____ ft.
9U-276B	W.L. <u>270.52</u> ft.	<u>270.17</u> ft.	<u>270.70</u> ft.	<u>270.66</u> ft.	_____ ft.
9U-277	W.L. <u>268.02</u> ft.	<u>268.40</u> ft.	<u>267.40</u> ft.	<u>267.80</u> ft.	_____ ft.
9U-278	W.L. <u>266.17</u> ft.	<u>266.59</u> ft.	<u>264.85</u> ft.	<u>266.00</u> ft.	_____ ft.
9U-279	W.L. <u>267.21</u> ft.	<u>267.50</u> ft.	<u>267.28</u> ft.	<u>267.14</u> ft.	_____ ft.
	pH <u>9.0</u>	<u>9.1</u>	<u>9.0</u>	<u>8.9</u>	_____
	E.C. <u>510</u> umhos	<u>430</u> umhos	<u>550</u> umhos	<u>425</u> umhos	_____ umhos
9U-280	W.L. <u>259.55</u> ft.	<u>259.46</u> ft.	<u>259.85</u> ft.	<u>259.13</u> ft.	_____ ft.

COMMENTS:

GALLONS PRODUCED: 1,624,595

GALLONS INJECTED: 1,596,155

GALLONS (CONSUMPTIVE): 28,440

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE November 9, 1982

REPORT NO. 82-40

CROWNPOINT, SECTION 9, PILOT TEST

WEEKLY AVERAGE PROCESS STREAM DATA

TIME PERIOD October 1982, week of the 5th to the 11th

<u>PARAMETERS</u>	<u>PREGNANT LIXIVANT</u>	<u>BARREN LIXIVANT</u>	<u>BLEED STREAM</u>
Bicarbonate mg/l	<u>102</u>	<u>62</u>	<u>1,293</u>
Chloride mg/l	<u>340</u>	<u>459</u>	<u>11,643</u>
Iron mg/l	<u>0.70</u>	<u>0.48</u>	<u>0.35</u>
Molybdenum mg/l	<u>10.8</u>	<u>1.9</u>	<u>413</u>
Peroxide mg/l	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
pH	<u>9.2</u>	<u>8.5</u>	<u>9.6</u>
Sodium mg/l	<u>230</u>	<u>285</u>	<u>9,000</u>
Vanadium mg/l	<u><0.6</u>	<u><0.6</u>	<u>1.7</u>

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE November 9, 1982

REPORT NO. 82-41

CROWNPOINT, SECTION 9, PILOT TEST

WEEKLY AVERAGE PROCESS STREAM DATA

TIME PERIOD October 1982, week of the 12th to the 18th

<u>PARAMETERS</u>	<u>PREGNANT LIXIVANT</u>	<u>BARREN LIXIVANT</u>	<u>BLEED STREAM</u>
Bicarbonate mg/l	<u>90</u>	<u>62</u>	<u>1,043</u>
Chloride mg/l	<u>339</u>	<u>449</u>	<u>11,532</u>
Iron mg/l	<u>0.70</u>	<u>0.46</u>	<u>0.38</u>
Molybdenum mg/l	<u>10.8</u>	<u>1.2</u>	<u>446</u>
Peroxide mg/l	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
pH	<u>9.1</u>	<u>8.5</u>	<u>9.7</u>
Sodium mg/l	<u>250</u>	<u>280</u>	<u>9,200</u>
Vanadium mg/l	<u><0.6</u>	<u><0.6</u>	<u>6.5</u>

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE November 9, 1982

REPORT NO. 82-42

CROWNPOINT, SECTION 9, PILOT TEST

WEEKLY AVERAGE PROCESS STREAM DATA

TIME PERIOD October 1982, week of the 19th to the 25th

<u>PARAMETERS</u>	<u>PREGNANT LIXIVANT</u>	<u>BARREN LIXIVANT</u>	<u>BLEED STREAM</u>
Bicarbonate mg/l	<u>77</u>	<u>62</u>	<u>1,586</u>
Chloride mg/l	<u>345</u>	<u>474</u>	<u>9,240</u>
Iron mg/l	<u>0.57</u>	<u>0.49</u>	<u>0.48</u>
Molybdenum mg/l	<u>11.0</u>	<u>1.2</u>	<u>490</u>
Peroxide mg/l	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
pH	<u>9.2</u>	<u>8.5</u>	<u>9.9</u>
Sodium mg/l	<u>230</u>	<u>280</u>	<u>7,400</u>
Vanadium mg/l	<u><0.6</u>	<u><0.6</u>	<u>6.6</u>

Mobil Oil Corporation

ENERGY MINERALS DIVISION

DATE November 9, 1982

REPORT NO. 82-43

CROWNPOINT, SECTION 9, PILOT TEST

WEEKLY AVERAGE PROCESS STREAM DATA

TIME PERIOD October and November 1982, Week of the 26th to the 1st

<u>PARAMETERS</u>	<u>PREGNANT LIXIVANT</u>	<u>BARREN LIXIVANT</u>	<u>BLEED STREAM</u>
Bicarbonate mg/l	<u>105</u>	<u>59</u>	<u>1,312</u>
Chloride mg/l	<u>357</u>	<u>486</u>	<u>10,753</u>
Iron mg/l	<u>0.80</u>	<u>0.44</u>	<u>1.34</u>
Molybdenum mg/l	<u>11.1</u>	<u>1.3</u>	<u>371</u>
Peroxide mg/l	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
pH	<u>9.1</u>	<u>8.4</u>	<u>9.3</u>
Sodium mg/l	<u>260</u>	<u>265</u>	<u>7,400</u>
Vanadium mg/l	<u><0.6</u>	<u><0.6</u>	<u></u>

Section 9 - PRODUCTION STREAM ASSAYS - CDM (page 1 of 3)

Revised 12/15/12

DATE	CUMULATIVE GALLONS PROCESSED	No. WELLS SAMPLED	PERCENT RECYCLING	Chromium	Chromium	Cyanide	Fluoride	LEAD	Mercury	Nitrate	Selenium	Sulfate
10-08-80	374769	6	.054	<.01	.01	<.005	.3	<.005	<.0001	.07	4.60	.00
10-20-80	1323375	6	.077	<.01	<.01	<.005	.2	<.005	.0034	<.05	2.80	<.02
11-18-80	2445221	6	.000	<.01	<.01	<.005	.3	<.005	.0002	<.05	.96	.04
12-03-80	3061598	2	.043	<.01	<.01	<.005	.2	<.005	<.0001	<.05	.55	<.02
1-29-81	6632500	2	.200	<.01	<.01	<.005	.4	<.005	.0004	<.05	.34	<.01
2-04-81	7518281	2	.130	<.01	<.01	<.005	.3	<.005	.0002	<.05	.100	<.02
3-18-81	10391845	1	.125	<.02	<.01	<.005	.2	.008	<.0001	<.05	.19	<.02
5-06-81	13333620	3	.16	<.02	<.01	<.005	.3	<.005	<.0001	<.05	.086	<.02
6-19-81	16485461	1	.135	<.02	<.01	<.005	.3	.013	<.0001	<.05	.026	<.02
7-07-81	18205288	1	.01	<.02	<.01	<.005	.3	.006	.0001	<.05	.008	<.02
8-03-81	20150533	1	.108	.09	<.001	<.001	.46	.06	.0003	<.01	<.005	<.02
9-01-81	22312326	1	.091	<.028	<.005	<.005	.34	<.005	.0002	<.05	.012	<.01
10-02-81	24450048	1	.105	<.02	.005	<.006	.54	.005	<.0001	<.05	.013	<.005

COPPER	IRON	MANGANESE	PHENOL	T.D.S.	ZINC	ALUMINUM	BARON	CASBIT	ALLOY	NITRIL	WELLS SAMPLED
.04	.02	5.85	.005	5500	.52	4.2	2	.15	62	.09	B11, 217
.05	.55	5.44	.009	5100	.24	4.2	.8	.19	80	.12	B11, 217
.01	1.3	5.05	.004	5090	.14	4.5	2	.12	35	.06	B11, 217
.08	.74	50	4.001	5000	.09	4.5	2	.12	44	.06	B11, 217
4.09	8.3	1.8	—	1840	.02	4.5	.1	4.05	44	.02	215, 218
4.00	.85	1.45	4.001	1550	.05	4.5	.1	4.05	94 ?	4.05	215, 218
4.02	.90	1.45	.007	1840	.02	4.5	4.1	.05	53	4.05	202, 209, 213
4.05	4.05	72	.015	1090	.03	4.5	.1	4.05	47	4.05	215, 218, 219
4.06	4.06	.52	.009	017	.14	4.5	4.1	4.05	35	4.05	202
4.02	0.08	.80	4.001	1180	.05	4.5	0.1	4.05	31	4.05	202
.05	1.2 ?	.65	.002	960	.44	0.14	0.3	4.02	29	4.005	202
4.008	4.15	.36	.006	498	.02	4.5	0.2	4.014	33	4.03	202
4.005	4.01	.26	.011	532	.012	4.5	0.3	4.02	24	4.02	202

Section 7 Wellfield
 Arroyo Viejo Water Recharge
 9/1/81 - 9/2/81
 4/1/3

Well #	H1	AS	Ba	HOB ₂	B	CD	Ca	CL	Cr	Co	Cu	CN	F
208	10.5	0.006	40.2	266	0.2	40.005	25	130	40.01	40.01	40.01	40.005	0.3
209	10.5	0.114	40.2	194	0.2	40.005	12	67	0.01	40.01	40.01	40.005	0.5
210	40.5	0.080	40.2	254	0.1	40.005	20	250	40.001	40.02	40.005	40.005	0.3
211	40.5	0.109	40.2	120	0.2	40.005	0	96	40.001	40.02	40.005	40.005	0.4
212	40.5	0.008	40.2	194	0.2	40.005	1.3	4	40.001	40.02	40.005	40.005	0.3
213	40.5	0.096	40.2	178	0.2	40.005	14	93	40.001	40.02	0.009	40.005	0.4
214	40.5	0.112	40.2	263	0.2	40.005	28	130	40.01	40.01	40.01	40.005	0.4
216	40.5	0.114	40.2	55	0.2	40.005	5.6	110	40.001	40.02	40.005	40.005	0.3
217	40.5	0.140	40.2	195	0.2	40.005	20	204	40.01	40.02	40.005	40.005	0.3
218	40.5	0.104	40.5	245	0.2	40.005	32	120	40.001	40.02	40.005	40.005	0.3
219	40.5	0.001	40.2	296	0.2	40.005	41	200	0.01	0.01	40.01	40.005	0.3
220	40.5	0.005	0.2	333	0.2	40.005	39	200	40.001	40.02	40.005	40.005	0.2

C.C.

13.7

20.1

Fe	Pb	Mn	Al	Hg	Li	Mg	Si	Na	SO ₄	TO ₅	Zn
<0.05	<0.005	0.316	74	1.0004	<0.03	<0.05	0.006	220	147	439	0.009
0.62	<0.005	0.196	30	1.0002	<0.03	<0.05	0.001	160	105	369	<0.005
<0.05	<0.005	0.172	14	0.0003	<0.03	<0.05	<0.001	320	171	412	0.007
<0.05	<0.005	0.143	36	0.0002	<0.03	<0.05	<0.001	110	68	454	0.007
<0.05	<0.005	<0.005	0.34	0.0001	<0.03	<0.05	0.000	110	31	296	0.007
<0.05	<0.005	0.134	26	0.0002	<0.03	<0.05	<0.001	170	135	573	0.005
0.12	<0.005	0.513	46	0.0003	<0.03	<0.05	0.003	240	170	720	0.006
0.25	<0.005	0.050	20	0.0002	<0.03	<0.05	0.006	100	40	379	0.006
<0.01	<0.005	0.306	52	0.0001	<0.02	<0.05	0.013	210	141	670	<0.005
<0.05	<0.005	0.382	21	0.0002	<0.03	<0.05	0.010	203	115	445	<0.005
0.09	<0.005	0.327	44	0.0002	<0.03	<0.05	<0.001	290	434	843	0.005
<0.05	<0.005	0.420	30	0.0002	<0.03	<0.05	0.010	380	225	1025	0.012

L	Rd-224D	Rd-228D	Tm-230D	Pd-210D	Grass Area	Asst. Btla
5.4	48 ± 3	0.8 ± 1.2	43 ± 2.8	460 ± 20	3300 ± 200	1100 ± 100
4.3	48 ± 4	1.0 ± 1.6	42 ± 2	870 ± 70	3000 ± 200	1700 ± 100
0.46	5.3 ± 0.5	-0.2 ± 2.3	1.7 ± 0.8	77 ± 3.5	390 ± 30	110 ± 10
1.1	12.5 ± 5	1.2 ± 1.1	0.1 ± 0.5	17 ± 3	780 ± 90	290 ± 60
0.06	0.8 ± 0.4	0.1 ± 1.2	-0.6 ± 0.5	-0.2 ± 3.1	36 ± 2.2	4 ± 4.9
2.1	24 ± 1	-0.1 ± 1.0	0.1 ± 0.5	46 ± 4	1400 ± 100	350 ± 10
7.0	120 ± 10	0.1 ± 1.6	52 ± 2	2000 ± 100	5000 ± 200	2800 ± 100
0.2	11 ± 1	-0.1 ± 0.8	0.6 ± 0.6	XX	160 ± 40	53 ± 5.0
8.2	28 ± 4	4.1 ± 1.8	1.9 ± 0.9	24 ± 2	220 ± 20	1000 ± 100
4.2	40 ± 5	0.6 ± 1.1	3.1 ± 0.9	78 ± 4	2600 ± 200	1100 ± 100
3.5	21 ± 3	-0.5 ± 1.5	4.6 ± 2	650 ± 10	2600 ± 200	1500 ± 100
2.2	35 ± 1	0.8 ± 0.8	0.3 ± 0.5	91 ± 9	2000 ± 200	840 ± 80
3.16	46.35	0.80	39.86	87.11	3907.66	455.51

XX will not be available until 12/7/84

41 2 .1

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