

OIL CONSERVATION COMMISSION

**P. O. BOX 2088
SANTA FE, NEW MEXICO 87501**

April 13, 1977

**Mobil Oil Corporation
Three Greenway Plaza East - Suite 800
Houston, Texas 77046**

Re: Administrative Order PMX No. 69

Gentlemen:

**Enclosed herewith please find Administrative
Order No. PMX-69 for the following described wells:**

**North Vacuum-Abo Unit Well No. 228
located in Unit N of Section 10,
and North Vacuum-Abo Unit Well No.
231 located in Unit P of Section
13, both in Township 17 South,
Range 34 East, NMPM, Lea County,
New Mexico.**

Very truly yours,

**JOE D. RAMEY
Secretary-Director**

JDR/CU/oa

**cc: Oil Conservation Commission
Box 1980
Hobbs, New Mexico**

**C
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P
Y**

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

April 13, 1977

Three Greenway Plaza East - Suite 800
Houston, Texas 77046
[Redacted] Corporation

Re: Administrative Order BMX No. 20

Gentlemen:

Enclosed herewith please find Administrative Order BMX-69 for the following described wells:

North Square-Abilene Unit Well No. 222
located in Unit 1 of Section 17,
and North Square-Abilene Unit Well No. 221
located in Unit 2 of Section 17,
both in Township 17 South,
Range 34 East, T17S, R34E, County
New Mexico.

Very truly yours,

for the Secretary-Director

JDR/CH/c

cc: Oil Conservation Commission
Box 1080
Santa Fe, New Mexico

APPLICATION OF MOBIL OIL CORPORATION
TO EXPAND ITS NORTH VACUUM-ABO PRESSURE
MAINTENANCE PROJECT IN THE NORTH
VACUUM-ABO POOL IN LEA COUNTY,
NEW MEXICO.

ORDER PMX NO. 69

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION COMMISSION

Under the provisions of Order No. R-4430, Mobil Oil Corporation has made application to the Commission on March 24, 1977, for permission to expand its North Vacuum-Abo Pressure Maintenance Project in the North Vacuum-Abo Pool in Lea County, New Mexico.

NOW, on this 13th day of April, 1977, the Secretary-Director finds:

1. That application has been filed in due form.
2. That satisfactory information has been provided that all offset operators have been duly notified of the application.
3. That no objection has been received within the waiting period as prescribed by Order No. R-4430.
4. That the proposed injection wells are eligible for conversion to gas and water injection under the terms of Order No. R-4430.
5. That the proposed expansion of the above referenced water flood project will not cause waste nor impair correlative rights.
6. That the application should be approved.

IT IS THEREFORE ORDERED:

That the applicant, Mobil Oil Corporation, be and the same is hereby authorized to inject water into the Abo formation through plastic-lined tubing set in packers at approximately 8670 feet and 8500 feet, respectively, in the following described wells for purposes of secondary recovery, to wit:

North Vacuum-Abo Unit Well No. 228 located in Unit N of Section 10, and North Vacuum-Abo Unit Well No. 231 located in Unit P of Section 13, both in Township 17 South, Range 34 East, NMPM, Lea County, New Mexico.

IT IS FURTHER ORDERED:

That the operator shall take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface.

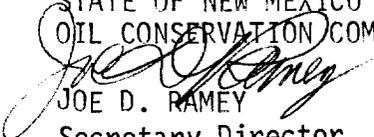
That the casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge at the surface or left open to the atmosphere to facilitate detection of leakage in the casing, tubing, or packer.

That the operator shall notify the supervisor of the Commission's Hobbs District Office before injection is commenced through said well.

That the operator shall immediately notify the supervisor of the Commission's Hobbs office of the failure of the tubing, casing, or packer in said well or the leakage of water from or around said well and shall take such steps as may be timely or necessary to correct such failure or leakage

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

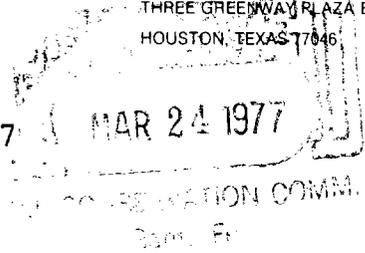
STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION


JOE D. RAMEY
Secretary-Director

Mobil Oil Corporation

THREE GREENWAY PLAZA EAST - SUITE 800
HOUSTON, TEXAS 77046

March 21, 1977



PMX-69

Due-4/13/77

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Attn: Mr. Joe D. Ramey

7.01 APPLICATION FOR APPROVAL
TO CONVERT TO INJECTION WELLS,
NORTH VACUUM ABO UNIT WELLS
NO. 228 & 231, VACUUM, NORTH
(ABO) POOL, LEA COUNTY, NEW MEXICO

Gentlemen:

Mobil Oil Corporation respectfully requests administrative approval to convert the North Vacuum-Abo Unit Wells No. 228 & 231 to injection wells. These wells are located as follows:

| WELL NO. | LOCATION | | | |
|----------|--------------------|----------------|-----------------|--------------|
| | <u>Unit Letter</u> | <u>Section</u> | <u>Township</u> | <u>Range</u> |
| 228 | N | 10 | 17-S | 34-E |
| 231 | P | 13 | 17-S | 34-E |

✓ Order No. R-4430, dated September 27, 1972, authorized Mobil Oil Corporation to institute pressure maintenance operations in the North Vacuum Abo Unit by the injection of gas and water into the Abo formations through certain wells. This order also gave the Secretary-Director the authority to approve the conversion of additional wells to injection service. The subject wells were not approved as injection wells by Order R-4430, since they were brought into the unit by an expansion which became effective November 1, 1976. The Commission approved this unit expansion by letter dated October 31, 1976.

In support of this application the following items are submitted:

1. Plat showing the proposed injection wells;
2. Diagrammatic wellbore sketch of each well; and
3. Log of each well with the injection interval indicated.

Santa Fe, NM

-2-

March 21, 1977

A complete set of this application, less the log, is being furnished each offset operator. These offset operators are:

Amini Oil Corporation, 400 Wall Tower West,
Midland, Texas 79701

Continental Oil Company, P. O. Box 1959,
Midland, Texas 79701

Superior Oil Company, P. O. Box 71, Conroe, Tx. 77301

Texaco, Inc., P. O. Box 3109, Midland, Texas

Should additional information be desired, please advise.

Yours very truly,



J. A. Morris
Supervisor,
Regulatory Engineering

ADBond:to
Attachments

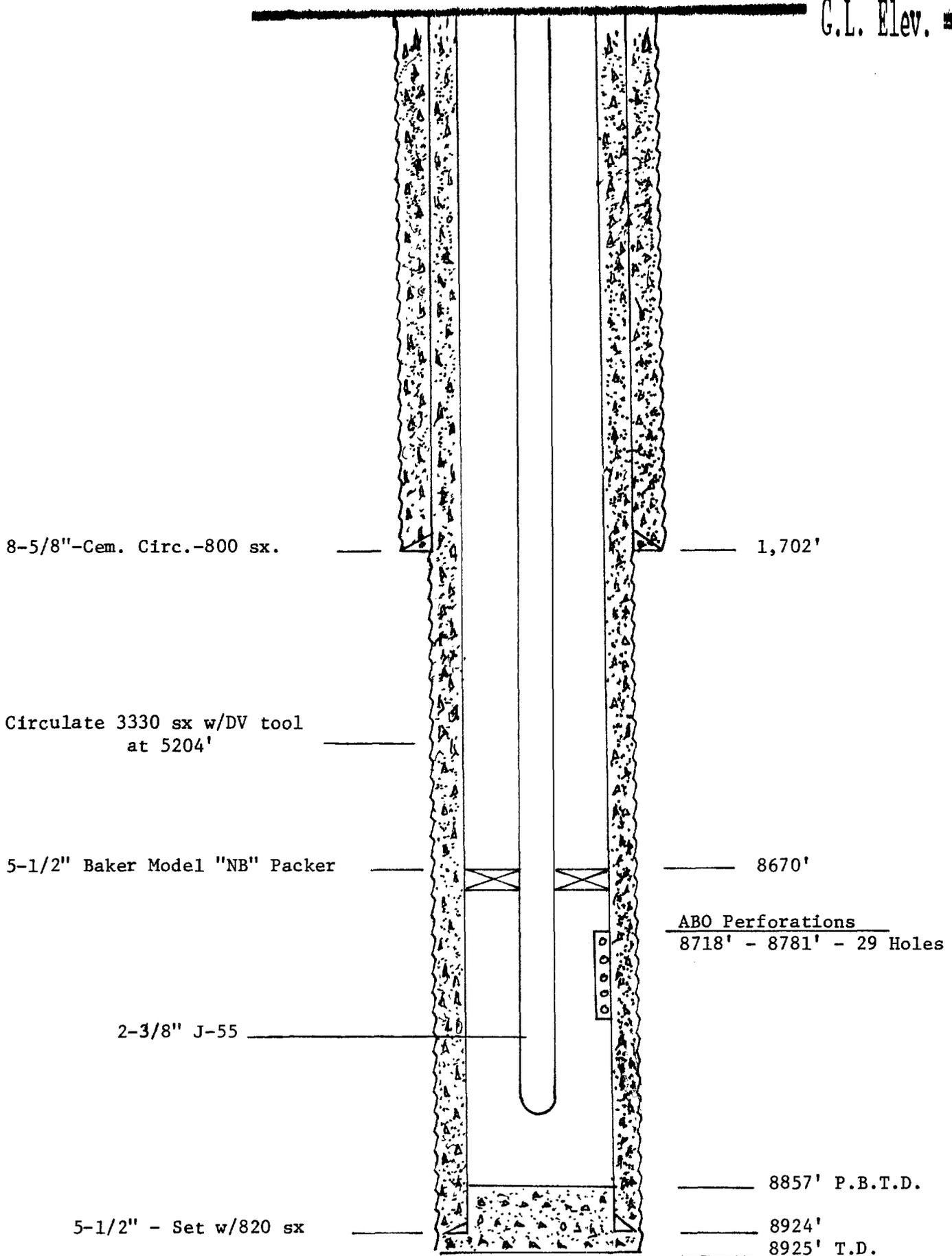
cc: District 1 (w/attach.)
Offset Operators (w/attach. less log)

LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE

DIAGRAMMATIC WELL SKETCH
 NORTH VACUUM ABO UNIT WELL NO. 228
 NORTH VACUUM (ABO) POOL
 LEA COUNTY, NEW MEXICO

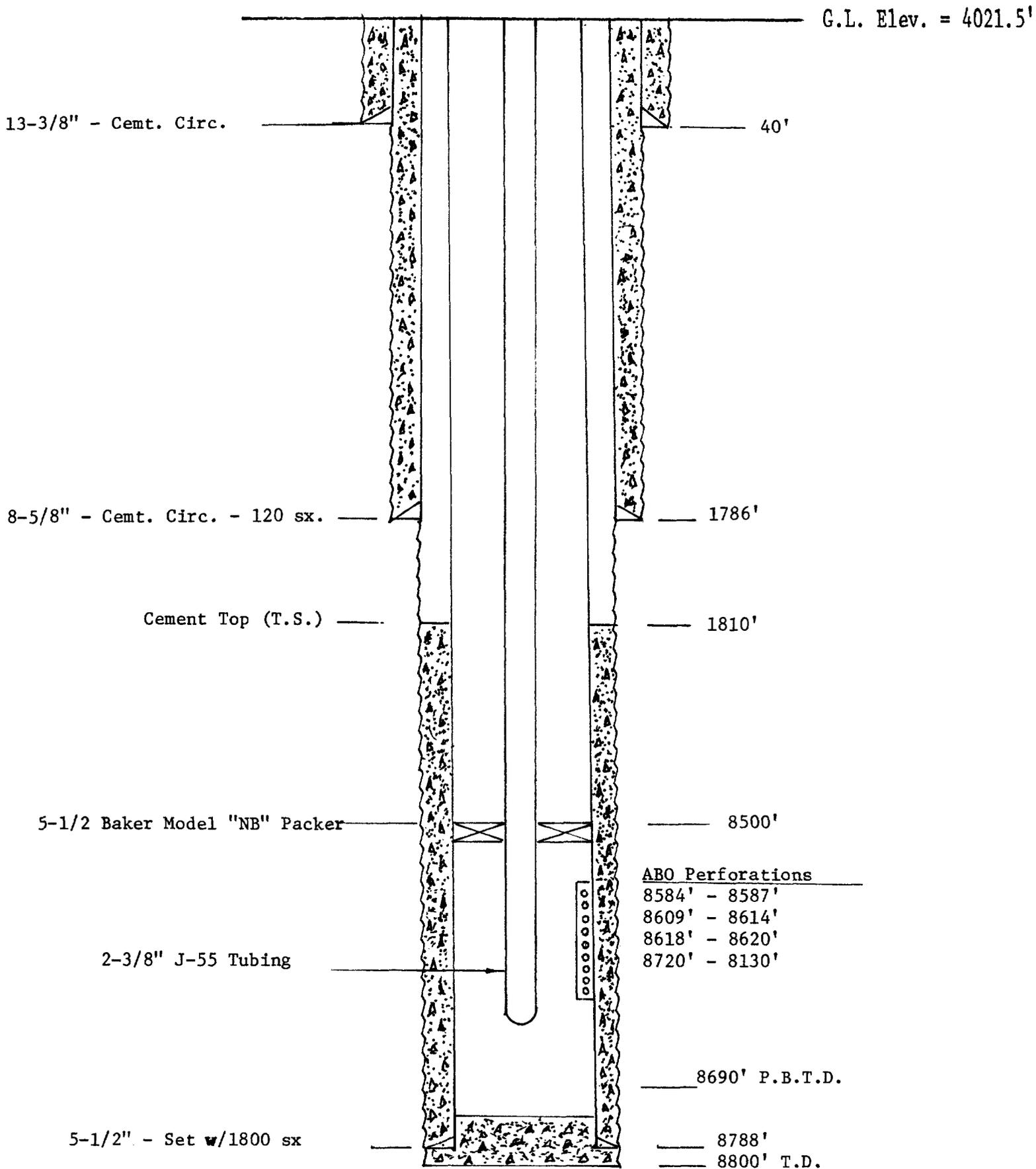
N-10-17_s-34E

G.L. Elev. = 4045'



DIAGRAMMATIC WELL SKETCH
 NORTH VACUUM ABO UNIT WELL NO. 231
 NORTH VACUUM (ABO) POOL
 LEA COUNTY, NEW MEXICO

P-13-17s-34E



OIL CONSERVATION COMMISSION
Hobbs DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE March 28, 1977

RE: Proposed MC _____
Proposed DHC _____
Proposed NSL _____
Proposed SWD _____
Proposed WFX X _____
Proposed PMX _____

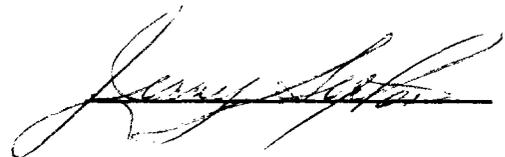
Gentlemen:

I have examined the application dated _____
for the Mobil Oil Corp. N. Vacuum Abo Unit #228-N 10-17-34 & #231-P 13-17-34
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

O.K. --- J.S.

Yours very truly,



LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE