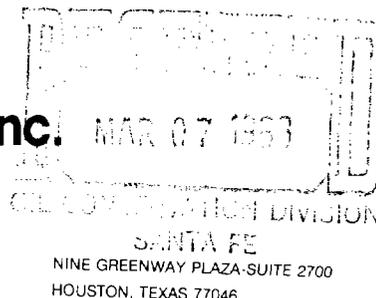


Mobil Producing Texas & New Mexico Inc.



March 1, 1983

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

Attention Mr. J.D. Ramey

7.01
SALT WATER DISPOSAL WELL
MOBIL PRODUCING TX. & N.M. INC.
SANTA FE PACIFIC LEASE, WELL #8
CROSSROADS DEVONIAN POOL
LEA COUNTY, NM

Gentlemen:

Mobil Producing TX. & N.M. Inc. respectfully requests authorization to inject production water into the designated injection interval 4900'-12,400'. Our original authorization to inject fluid into this pool was granted under Case #7206, Order No. 6647, dated 4-13-81, please refer to this document for information required for Sections VI, VIII, X, and IX of this application. At this time, we desire to actually inject from 12,142'-12,400' while labeling a longer injection interval. This authorization would allow us to set a packer within 100' of the labeled injection zone at savings of approximately \$70,000 in tubing costs which would otherwise be incurred. In this application, we demonstrate that the fresh water aquifer, Ogallala, at $\pm 175'$ is protected; that the interest-holders of correlative rights are not violated and that no known loss of oil or gas reserves occur.

The Ogallala aquifer is protected by the well's construction, geology, and reservoir conditions. Mechanically, the Ogallala is isolated from the injection water and from the sources of contamination by these factors: (1) two strings of cemented casing surrounding the wellbore, (2) injection will be through 4½" tubing lined with plastic to a packer set at $\pm 4900'$ and then through 5½" casing to the Devonian formation, 12,142'-12,400'. (see completion sketch), (3) required average pump pressures are ± 50 PSI, virtually guaranteeing the fluid to go into the Devonian formation, and (4) leak detection and monitoring will be in accordance with New Mexico statewide rules governing saltwater disposal.

Mobil

Oil Conservation Division

Page 2

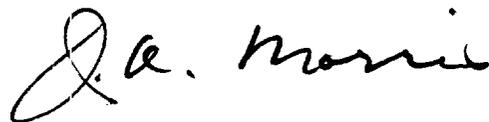
March 1, 1983

These mechanical protective measures are complemented by existing geological and reservoir conditions. The geological and reservoir conditions permit the injection of large volumes of water at low pump in pressures which reduce chances of channeling or pressuring up another sand. The geology of the Devonian is carbonate rock with 8% porosity and 40 MD permeability. The Devonian reservoir is a highly prolific water drive. In summary, the well's completion, geology, and reservoir conditions grant adequate protection of the Ogallala aquifer.

The correlative rights of the mineral owner are not an issue because there are no known commercial oil or gas reserves nor any fresh water sands in this portion of the Crossroads Field below 4900'. This fact is supported by the current perimeter of temporarily abandoned or plugged wells and the list of active production wells cited in the State production schedule. However, interest-holders with correlative rights were notified in accordance with Statewide Rule 701.

In conclusion, I have examined the available geological and engineering data and do not find any evidence of open faults or any other hydrological connection between the disposal zone and any underground source of drinking water.

Yours truly,



J.A. Morris
Regulatory Engineering Supervisor

SDMarino/ec
Attachments

cc: NMOCD District #1

MAR 07 1983

APPLICATION FOR AUTHORIZATION TO INJECT

I. Purpose: Secondary Recovery Pressure Maintenance Disposal Storage
Application qualifies for administrative approval? yes no

II. Operator: Mobil Producing TX. & N.M. Inc.
Address: Nine Greenway Plaza, Suite 2700, Houston, TX 77046
Contact party: S.D. Marino Phone: 713 871-5351

III. Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? yes no
If yes, give the Division order number authorizing the project R-6647.

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

* VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

*VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.

IX. Describe the proposed stimulation program, if any.

* X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)

* XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

XIV. Certification

I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: J.A. Morris Title Regulatory Engineering Supervisor

Signature: *J.A. Morris* Date: March 1, 1983

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal. Hearing under Case #7206, Order Number R-6647, Dated 4-13-81

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; location by Section, Township, and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) the intended purpose of the injection well; with the exact location of single wells or the section, township, and range location of multiple wells;
- (3) the formation name and depth with expected maximum injection rates and pressures; and
- (4) a notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

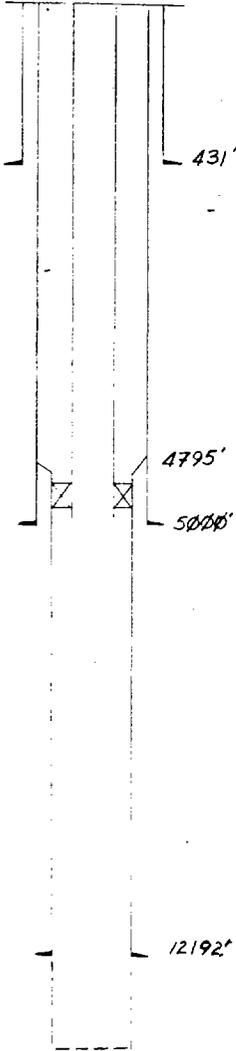
INJECTION WELL DATA SHEET

Mobil Producing TX. & N.M. Inc.

Santa Fe Pacific

OPERATOR	LEASE			
8	1650' FWL & 1650' FSL	23	9-S	36-E
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE

Schematic



Tabular Data

Surface Casing

Size 13-3/8", 48#/ft Cemented with 435 sx.
 TOC Surface feet determined by Circulated
 Hole size 17 1/2

Intermediate Casing

Size 8-5/8", 32#/ft Cemented with 435 sx.
 TOC Surface feet determined by Circulated
 Hole size 11

Long string

Size 5 1/2", 17&20#/ft liner Cemented with 835 sx.
 TOC 4795 feet determined by Calculated TESTED
 Hole size 6-1/8"
 Total depth 12,192"

Injection interval

4900 feet to 12,400 feet
 (perforated or open-hole, indicate which) Perforated and open-hole

Tubing size 4 1/2" lined with Plastic coating set in a
 (material)
Baker Model D packer at +4850 feet
 (brand and model)
 (or describe any other casing-tubing seal).

Other Data

- Name of the injection formation Crossroads Devonian
- Name of Field or Pool (if applicable) Crossroads Devonian Pool
- Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled? Producing Oil Well
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Penn (11,445')-Oil zone
San Andres (4200')-Oil zone

Mobil Producing TX. & N.M. Inc.
 Santa Fe Pacific Lease, Well #8
 Crossroads Devonian Pool

Tabulated Data of all Producing Wells on Public Record within Area of Review

Producing Wells

Operator - Mobil Producing TX. & N.M. Inc.

Well No.	Location	Well Type	Date Drilled	Depth	Completion Interval	Construction Detail			
						Casing Size	Weight Lbs/Ft	Depth Set	Cement Record Sx
2 C	26-9S-36E	O11	9-1-54	12,183'	Devonian 12,129'- 12,174'	* 13-3/8 * 9-5/8 * Ln 5½	48 36&40 17&20	472' 4765' 4757'- 12,174'	500 2615 600
6 I	22-9S-36E	O11	9-9-74	12,190'	Devonian 12,153'- 12,190'	* 13-3/8 * 8-5/8 * Ln 5½	48 24 17&20	426' 4950' 4586'- 12,153'	425 3250 2100
7 M	23-9S-36E	O11	3-23-53	12,191'	San Andres 4818'-4899'	* 13-3/8 * 8-5/8 * Ln 5½	35.63 32	380' 4815' 4645'- 12,191'	375 2500 2075
8 K	23-9S-36E	O11	11-6-57	12,231'	Devonian 12,192'- 12,231'	* 13-3/8 * 8-5/8 * Ln 5½	48 32 17&20	481' 5000' 4795'- 12,192'	435 3375 835

Attachment VIA.

Mobil Producing TX. & N.M. Inc.
 Santa Fe Pacific Lease, Well #8
 Crossroads Devonian Pool
 Lea County, NM

Tabulated data of all plugged and abandoned wells on public record within area of review.

Plugged Wells

Operator - Sunray Mid Continent Oil Company

Well No.	Location	Date Drilled	Depth
1E	23-9S-36E	8-6-56	12,250'

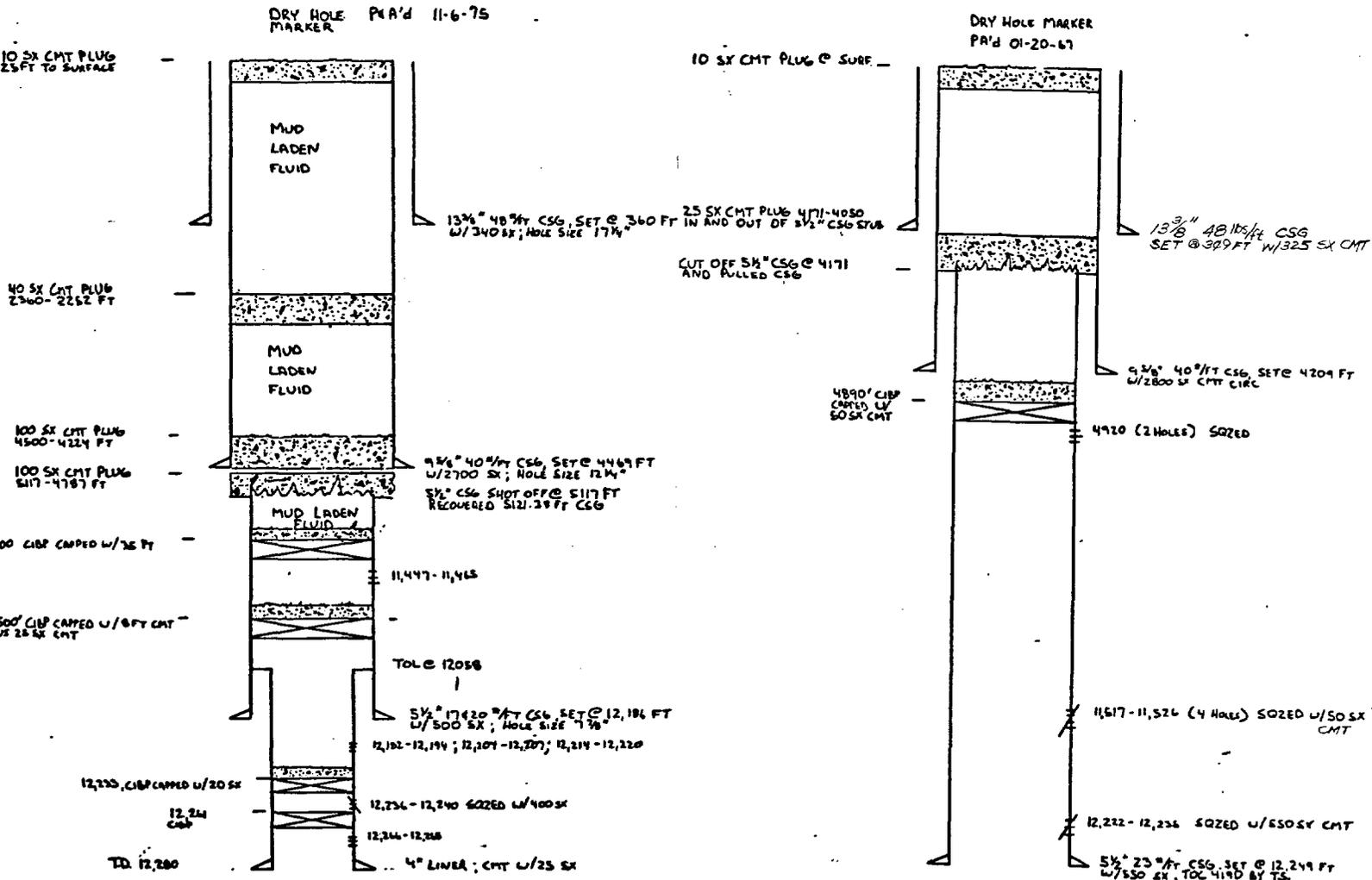
Operator - Oil Development Company of Texas

1C	23-9S-36E	7-5-57	12,280'
----	-----------	--------	---------

Sketch of Plugging Detail Found in Attachments

OIL DEVELOPMENT COMPANY OF TEXAS
 SANTA FE PACIFIC RR. # 23 ; WELL #1
 CROSSROADS FIELD
 LEA COUNTY, NEW MEXICO
 UNIT M- SEC 23- TWP 9-S- RGE 36 E

SUNRAY MID-CONTINENT OIL CO.
 NEW MEXICO FEDERAL "D"; WELL #1
 CROSSROADS FIELD
 LEA COUNTY, NEW MEXICO
 UNIT E SEC. 23 TWP-9S RGE-36E



Mobil Producing TX. & N.M. Inc.
Santa Fe Pacific Lease, Well #8
Crossroads Devonian Pool
Lea County, NM

VII Proposed Operation Data

1. Average rate - 17,000 BWP
Maximum rate - 20,000 BWP
2. Closed System
3. Average Injection Pressure 25 psig
Maximum Injection Pressure 100 psig
4. Produced Devonian Water (Water Analysis Attached)

IX Proposed Stimulation Program

1. Pressure Annulus to 500 psig
2. Hook up pump truck and pump 15,000 gal. NEFe stabilizer and 15% HCl
3. Shut-in well overnight and backflow as necessary
4. Place into operation

Mobil Producing TX. & N.M. Inc.
 Santa Fe Pacific Lease, Well #8
 Crossroads Devonian Pool
 Lea County, NM

UNICHEM INTERNATIONAL

601 NORTH LEECH

P.O. BOX 1499

HOBBS, NEW MEXICO 88240

COMPANY : MOBIL
 DATE : 2-8-83
 FIELD, LEASE & WELL : EAST CROSSROADS SANTA FE SWD
 SAMPLING POINT: HOLDING TANK (Injection Water Sample)
 DATE SAMPLED : 2-7-83

SPECIFIC GRAVITY = 1.044
 TOTAL DISSOLVED SOLIDS = 65476
 PH = 6.5

		ME/L	MG/L
CATIONS			
CALCIUM	(CA)+2	140	2805.
MAGNESIUM	(MG)+2	160	1952
SODIUM	(NA), CALC.	845.	19438.
ANIONS			
BICARBONATE	(HCO3)-1	7.2	439.
CARBONATE	(CO3)-2	0	0
HYDROXIDE	(OH)-1	0	0
SULFATE	(SO4)-2	38.5	1850
CHLORIDES	(CL)-1	1099.	38991.
DISSOLVED GASES			
CARBON DIOXIDE	(CO2)	.03	1.5
HYDROGEN SULFIDE	(H2S)	.01	.2
OXYGEN	(O2)	NOT RUN	
IRON(TOTAL)	(FE)		.9
BARIUM	(BA)+2	NOT RUN	
MANGANESE	(MN)	NOT RUN	

SCALING INDEX	TEMP		
	110C	76.6C	82.2C
	230F	170F	180F
CARBONATE INDEX	2.56	1.26	1.47
CALCIUM CARBONATE SCALING	LIKELY	LIKELY	LIKELY
SULFATE INDEX	-13.	-13.	-13.
CALCIUM SULFATE SCALING	UNLIKELY	UNLIKELY	UNLIKELY

Mobil Producing TX. & N.M. Inc.
Santa Fe Pacific Lease
Well #3
Crossroads Devonian Pool
Lea County, NM

This application was sent by certified mail to the surface owner of the land on which the well is located and to each lease operator within (½) one-half mile radius of the well location.

Offset Operators

Oil Development Company of Texas
900 Polk Street
Amarillo, TX 79101

Elk Oil
P.O. Box 310
Roswell, NM 88201

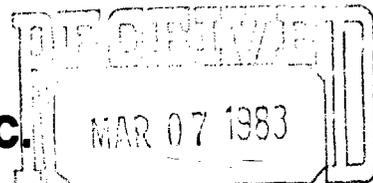
Sun Exploration and Production Company
P.O. Box 1861
Midland, TX 79702

MGF
P.O. Box 360
Midland, TX 79702

Surface Owner

Clarence Valern Lewis
P.O. Box 987
Crossroad, NM 88141

Mobil Producing Texas & New Mexico Inc.



OIL CONSERVATION DIVISION
SANTA FE
NINE GREENWAY PLAZA-SUITE 2700
HOUSTON, TEXAS 77046

March 1, 1983

Lovington Daily Leader
14 West Avenue B
Lovington NM 88260

7.01
NOTICE OF APPLICATION FOR
SALT WATER DISPOSAL WELL
MOBIL PRODUCING TX. & N.M. INC
SANTA FE PACIFIC LEASE
WELL #8
CROSSROADS DEVONIAN POOL
LEA COUNTY, NM

Gentlemen:

Mobil Producing Texas and New Mexico Inc. (MPTM) requests publication of the attached notice, to inject salt water down the subject wellbore, in your newspaper.

We would appreciate if the completed affidavit and printed notice would be returned, as soon as possible, to fulfill a Oil Conservation Division permit prerequisite. We provide an addressed and stamped envelope for this purpose. The invoice should be sent to the attention of Mr. J.A. Morris.

Yours truly,

Original Signed By:
J. A. Morris

SDMarino/ec
Attachments

J.A. Morris
Regulatory Engineering Supervisor

cc: NMOCD - Santa Fe

Notice of Application for Fluid Injection Well Report

APPLICANT: Mobil Producing Texas & New Mexico Inc.,
9 Greenway Plaza, Suite 2700
Houston, TX 77046
Telephone: (713) 871-5351
Contact: Steve Marino

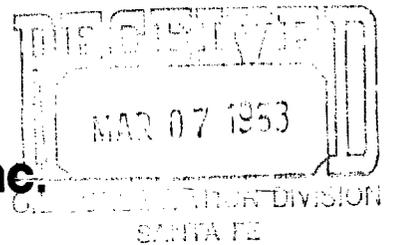
PURPOSE: To inject fluid into the Devonian Formation,
Santa Fe Pacific Lease,
Crossroads Devonian Pool,
Well #8,
Location - Section 23,
Township 9S, Range 36E

OPERATIONAL CHARACTERISTICS: Formation - Devonian,
Injection interval 4900'-12,400',
Expected maximum injection pressure 100 PSI
and rate 20,000 BWPD.

Interested parties may file objections or request a hearing within
15 days of this notice with the:

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

Mobil Producing Texas & New Mexico Inc.



March 2, 1983

NINE GREENWAY PLAZA-SUITE 2700
HOUSTON, TEXAS 77046

County Clerk
P.O. Box 1507
Lovington, New Mexico 88260

Attention Pat Snipes

7.01
NOTICE OF APPLICATION FOR SALT
WATER DISPOSAL WELL
MOBIL PRODUCING TX. & N.M. INC.
SANTA FE PACIFIC LEASE
WELL #8
CROSSROADS DEVONIAN POOL
LEA COUNTY, NEW MEXICO

Dear Pat Snipes:

Mobil Producing TX. & N.M. Inc. (MPTM) has made application to the Oil Conservation Division of New Mexico to inject fluid into a formation which could be productive of oil or gas.

The Oil Conservation Division requires that the enclosed application be sent to you for public information notice in the county in which the well is located. Please post the attached application as you desire.

Yours truly,

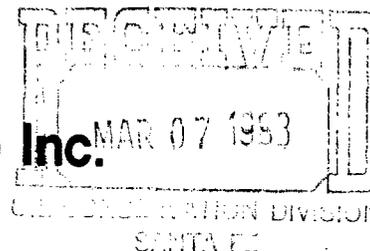
A handwritten signature in cursive script, appearing to read "J.A. Morris".

J.A. Morris
Regulatory Engineering Supervisor

SDMarino/ec
Attachments

cc: NMOCD - Santa Fe

Mobil Producing Texas & New Mexico Inc.



March 1, 1983

NINE GREENWAY PLAZA-SUITE 2700
HOUSTON, TEXAS 77046

Oil Development Company of Texas
900 Polk Street
Amarillo, TX 79101

7.01
NOTICE OF APPLICATION FOR
SALT WATER DISPOSAL WELL
MOBIL PRODUCING TX. & N.M. INC.
SANTA FE PACIFIC LEASE
WELL #8
CROSSROADS DEVONIAN POOL
LEA COUNTY, NM

Gentlemen:

Mobil Producing TX. & N.M. Inc. has made application to the Oil Conservation Division of New Mexico for authority to inject production water into a reservoir productive of oil or gas through the subject well.

A copy of this application is furnished to you for this information.

Yours truly,

J.A. Morris
Regulatory Engineering Supervisor

SDMarino/ec
Attachments

cc: NMOCD - Santa Fe

Mobil Producing Texas & New Mexico Inc.

RECEIVED
MAR 07 1983
OIL CONSERVATION DIVISION
SANTA FE

March 1, 1983

NINE GREENWAY PLAZA-SUITE 2700
HOUSTON, TEXAS 77046

Elk 011
P.O. Box 310
Roswell, NM 88201

7.01
NOTICE OF APPLICATION FOR
SALT WATER DISPOSAL WELL
MOBIL PRODUCING TX. & N.M. INC.
SANTA FE PACIFIC LEASE
WELL #8
CROSSROADS DEVONIAN POOL
LEA COUNTY, NM

Gentlemen:

Mobil Producing TX. & N.M. Inc. has made application to the Oil Conservation Division of New Mexico for authority to inject production water into a reservoir productive of oil or gas through the subject well.

A copy of this application is furnished to you for this information.

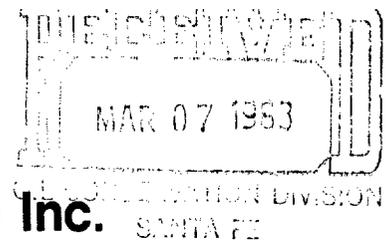
Yours truly,



SDMarino/ec
Attachments

J.A. Morris
Regulatory Engineering Supervisor

cc: NMOCD - Santa Fe



Mobil Producing Texas & New Mexico Inc.

March 1, 1983

NINE GREENWAY PLAZA-SUITE 2700
HOUSTON, TEXAS 77046

Sun Exploration and Production Company
P.O. Box 1861
Midland, TX 79702

7.01
NOTICE OF APPLICATION FOR
SALT WATER DISPOSAL WELL
MOBIL PRODUCING TX. & N.M. INC.
SANTA FE PACIFIC LEASE
WELL #8
CROSSROADS DEVONIAN POOL
LEA COUNTY, NM

Gentlemen:

Mobil Producing TX. & N.M. Inc. has made application to the Oil Conservation Division of New Mexico for authority to inject production water into a reservoir productive of oil or gas through the subject well.

A copy of this application is furnished to you for this information.

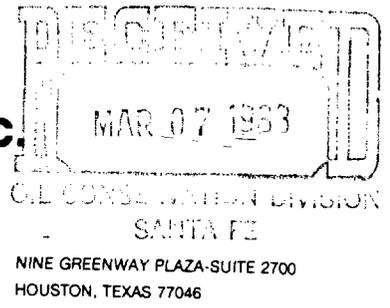
Yours truly,

J.A. Morris
Regulatory Engineering Supervisor

SDMarino/ec
Attachments

cc: NMOCD - Santa Fe

Mobil Producing Texas & New Mexico Inc.



March 1, 1983

MGF
P.O. Box 360
Midland, TX 79702

7.01
NOTICE OF APPLICATION FOR
SALT WATER DISPOSAL WELL
MOBIL PRODUCING TX. & N.M. INC.
SANTA FE PACIFIC LEASE
WELL #8
CROSSROADS DEVONIAN POOL
LEA COUNTY, NM

Gentlemen:

Mobil Producing TX. & N.M. Inc. has made application to the Oil Conservation Division of New Mexico for authority to inject production water into a reservoir productive of oil or gas through the subject well.

A copy of this application is furnished to you for this information.

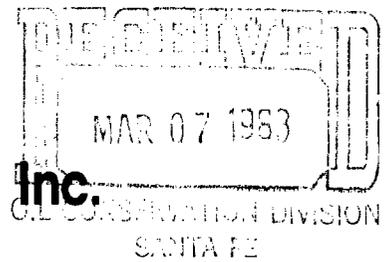
Yours truly,

J.A. Morris
Regulatory Engineering Supervisor

SDMarino/ec
Attachments

cc: NMOCD - Santa Fe

Mobil Producing Texas & New Mexico Inc.



March 1, 1983

NINE GREENWAY PLAZA-SUITE 2700
HOUSTON, TEXAS 77046

Clarence Valern Lewis
P.O. Box 987
Crossroad, NM 88141

7.01
NOTICE OF APPLICATION FOR
SALT WATER DISPOSAL WELL
MOBIL PRODUCING TX. & N.M. INC.
SANTA FE PACIFIC LEASE
WELL #8
CROSSROADS DEVONIAN POOL
LEA COUNTY, NM

Gentlemen:

Mobil Producing TX. & N.M. Inc. has made application to the Oil Conservation Division of New Mexico for authority to inject production water into a reservoir productive of oil or gas through the subject well.

A copy of this application is furnished to you for this information.

Yours truly,

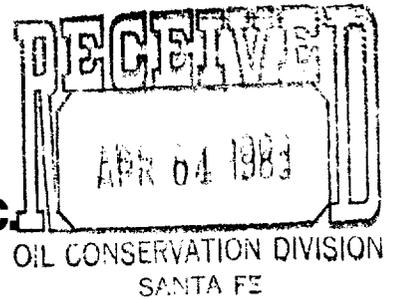
A handwritten signature in cursive script, appearing to read "J.A. Morris".

SDMarino/ec
Attachments

J.A. Morris
Regulatory Engineering Supervisor

cc: NMOCD - Santa Fe

Mobil Producing Texas & New Mexico Inc.



March 28, 1983

NINE GREENWAY PLAZA—SUITE 2700
HOUSTON, TEXAS 77046

Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87501

7.01
WATERFLOOD INJECTION WELL
MOBIL PRODUCING TX. & N.M. INC.
SANTA FE PACIFIC LEASE
WELL #3 AND #8
CROSSROADS FIELD
LEA COUNTY, NEW MEXICO

Gentlemen:

Enclosed within is the legal notice for each of the wells listed above. Publication was by the Lovington Daily Leader in accordance with Statewide Rule 701.

Yours truly,

A handwritten signature in cursive script that reads "J. A. Morris".

J. A. Morris
Regulatory Engineering Supervisor

SDMarino/ec
Attachments

cc: Director, District 1

Affidavit of Publication

STATE OF NEW MEXICO)
) ss.
COUNTY OF LEA)

Joyce Sharp being first duly sworn on oath deposes and says that he is Adv. Director of THE LOVINGTON DAILY LEADER, a daily newspaper of general paid circulation published in the English language at Lovington, Lea County, New Mexico; that said newspaper has been so published in such county continuously and uninterruptedly for a period in excess of Twenty-six (26) consecutive weeks next prior to the first publication of the notice hereto attached as hereinafter shown; and that said newspaper is in all things duly qualified to publish legal notices within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico.

That the notice which is hereto attached, entitled
..... Notice of Application

and numbered in the
..... Court of Lea
County, New Mexico, was published in a regular and
entire issue of THE LOVINGTON DAILY LEADER and
not in any supplement thereof, once each week on the
same day of the week, for one (1)
consecutive weeks, beginning with the issue of
.....
..... March 10....., 19.83
and ending with the issue of
....., 19.....

And that the cost of publishing said notice is the
sum of \$...7.49.....

which sum has been (Paid) (~~Advised~~) as Court Costs

.....
Subscribed and sworn to before me this ...21st
day of March....., 19.83

.....
Notary Public, Lea County, New Mexico

My Commission Expires ...Sept. 28....., 19.86.....

LEGAL NOTICE

Notice of Application for Fluid Injection Well Report

APPLICANT: Mobil Producing Texas & New Mexico Inc., 9 Greenway Plaza, Suite 2700, Houston, TX 77046, Telephone: (713) 871-3351, Contact: Steve Marino.

PURPOSE: To inject fluid into the Devonian Formation, Santa Fe Pacific Lease, Crossroads Devonian Pool, Well No. 8, Location - Section 23, Township 9S, Range 30E.

OPERATIONAL CHARACTERISTICS: Formation - Devonian, Injection Interval 4800 - 12,400, Expected maximum injection pressure 100 PSI and rate 20,000 BWP/D. Interested parties may file objections or request a hearing within 15 days of this notice with the:

Oil Conservation Division
P. O. Box 200
Santa Fe, New Mexico 87501
Published in the Lovington Daily Leader March 10, 1983.

STATE OF NEW MEXICO

COUNTY OF Lea

Before me, the undersigned authority, on this day personally appeared Joyce Sharp, the Advertising Director of the Lovington Daily Leader, a newspaper having general circulation in Lea County, N.M. who being by me duly sworn, deposes and says that the foregoing attached notice was published in said newspaper on the following date(s), to wit: March 10, 1983.

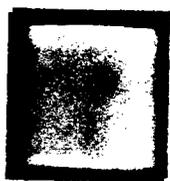
Joyce Sharp

Subscribed and sworn to before me this the 21st day of March, 1983 to certify which witness my hand and seal of office.

Mrs. Jean Sevier
Notary Public in and for

Lea County, N.M.

MY COMMISSION EXPIRES
SEPTEMBER 28, 1986



PS Form 3811, Jan. 1979

SENDER: Complete items 1, 2, and 3. Add your address in the "RETURN TO" space on reverse.

1. The following service is requested (check one.)

- Show to whom and date delivered.....¢
- Show to whom, date and address of delivery.....¢
- RESTRICTED DELIVERY Show to whom and date delivered.....¢
- RESTRICTED DELIVERY Show to whom, date, and address of delivery.\$___

(CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO:
MGF
P.O. Box 360
Midland, TX 79702

3. ARTICLE DESCRIPTION:

REGISTERED NO.	CERTIFIED NO.	INSURED NO.
	677847	

(Always obtain signature of addressee or agent)

I have received the article described above.

SIGNATURE Addressee Authorized agent

4. DATE OF DELIVERY *Jan 7 1979* POSTMARK *7 1979*

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE: CLERK'S INITIALS *[Signature]*

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

☆GPO : 1979-300-459

UNITED STATES POSTAL SERVICE

OFFICIAL BUSINESS

SENDER INSTRUCTIONS:

Print your name, address, and ZIP Code in the space below.

- Complete items 1, 2, and 3 on the reverse.
- Attach to front of article if space permits, otherwise affix to back of article.
- Endorse article "Return Receipt Requested" adjacent to number.

RETURN TO



PENALTY FOR PRIVATE USE TO AVOID PAYMENT OF POSTAGE: \$300



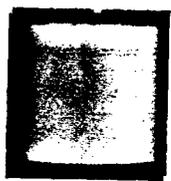
J. A. Morris
Env. & Reg. Dept.

MOBIL PRODUCING TX & NM INC.
9 GREENWAY PLAZA SUITE 2700
HOUSTON, TEXAS 77046

(City, State, and ZIP Code)



MPTM
SANTA FE PACIFIC LEASE
WELL #8
CROSSROADS FIELD
SEC 23 T9S R36





PS Form 3811, Jan. 1979

SENDER: Complete items 1, 2, and 3. Add your address in the "RETURN TO" space on reverse.

1. The following service is requested (check one.)

- Show to whom and date delivered.....¢
- Show to whom, date and address of delivery.....¢
- RESTRICTED DELIVERY Show to whom and date delivered.....¢
- RESTRICTED DELIVERY Show to whom, date, and address of delivery.\$___

(CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO:

Sun Exploration & Prod. Co.
P.O. Box 1861
Midland, TX 79702

3. ARTICLE DESCRIPTION:

REGISTERED NO.	CERTIFIED NO.	INSURED NO.
	677846	

(Always obtain signature of addressee or agent)

I have received the article described above.

SIGNATURE Addressee Authorized agent

4. DATE OF DELIVERY

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE:

CLERK'S INITIALS

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

UNITED STATES POSTAL SERVICE
OFFICIAL BUSINESS

SENDER INSTRUCTIONS

Print your name, address, and ZIP Code in the space below.

- Complete items 1, 2, and 3 on the reverse.
- Attach to front of article if space permits, otherwise affix to back of article.
- Endorse article "Return Receipt Requested" adjacent to number.

RETURN TO

RENTAL EQUIPMENT
USE TO AVOID PAYMENT
OF POSTAGE. \$300



J. A. Morris
Env. & Reg. Dept.

MOBIL PRODUCING TX & NM INC.
9 GREENWAY PLAZA SUITE 2700
HOUSTON, TEXAS 77046

(City, State, and ZIP Code)

PS Form 3811, Jan. 1978

SENDER: Complete items 1, 2, and 3. Add your address in the "RETURN TO" space on reverse.

1. The following service is requested (check one.)

Show to whom and date delivered..... \$

Show to whom, date and address of delivery..... \$

RESTRICTED DELIVERY

Show to whom and date delivered..... \$

RESTRICTED DELIVERY.

Show to whom, date, and address of delivery. \$

(CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO:
Elk Oil
P.O. Box 310
Roswell, NM 88201

3. ARTICLE DESCRIPTION:

REGISTERED NO.	CERTIFIED NO.	INSURED NO.
	677848	

(Always obtain signature of addressee or agent)

I have received the article described above.

SIGNATURE Addressee Authorized agent

4. DATE OF DELIVERY

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE:

CLERK'S INITIALS

ROSWELL, NM
MAR 8 1983
88201

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

☆GPO : 1979-300-459

UNITED STATES POSTAL SERVICE

OFFICIAL BUSINESS

SENDER INSTRUCTIONS

- Print your name, address, and ZIP Code in the space below.
- Complete items 1, 2, and 3 on the reverse.
 - Attach to front of article if space permits, otherwise affix to back of article.
 - Endorse article "Returns Receipt Requested" adjacent to number.

RETURN TO

PENALTY FOR PRIVATE USE TO AVOID PAYMENT OF POSTAGE: \$300



J. A. Morris
Env. & Reg. Dept.

MOBIL PRODUCING TX & NM INC.
9 GREENWAY PLAZA SUITE 2700
HOUSTON, TEXAS 77046

(City, State, and ZIP Code)

PS Form 3811, Jan. 1979

SENDER: Complete items 1, 2, and 3. Add your address in the "RETURN TO" space on reverse.

1. The following service is requested (check one.)

Show to whom and date delivered.....¢

Show to whom, date and address of delivery.....¢

RESTRICTED DELIVERY Show to whom and date delivered.....¢

RESTRICTED DELIVERY. Show to whom, date, and address of delivery.\$_____

(CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO:

Oil Development Co. of Texas
900 Polk Street
Amarillo, TX 79101

3. ARTICLE DESCRIPTION:

REGISTERED NO.	CERTIFIED NO.	INSURED NO.
	677843	

(Always obtain signature of addressee or agent)

I have received the article described above.

SIGNATURE Addressee Authorized agent

Melvin King

4. DATE OF DELIVERY 3-7-83

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE:

CLERK'S INITIALS

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

☆GPO : 1979-300-459

UNITED STATES POSTAL SERVICE

OFFICIAL BUSINESS

SENDER INSTRUCTIONS

Print your name, address, and ZIP Code in the space below.

- Complete items 1, 2, and 3 on the reverse.
- Attach to front of article if space permits, otherwise affix to back of article.
- Endorse article "Return Receipt Requested" adjacent to number.

RETURN TO



PENALTY FOR PRIVATE USE TO AVOID PAYMENT OF POSTAGE: \$300



J. A. MORRIS
Env. & Reg. Dept.

MOBIL PRODUCING TX & NM INC.
9 GREENWAY PLAZA SUITE 2700
(Street or P.O. Box)
HOUSTON, TEXAS 77046

(City, State, and ZIP Code)