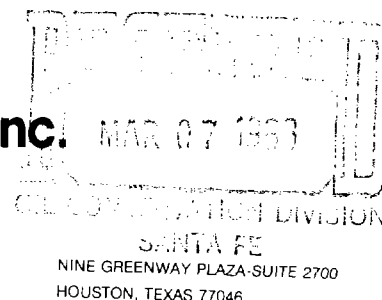


# Mobil Producing Texas & New Mexico Inc.



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  $\pm 50$  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

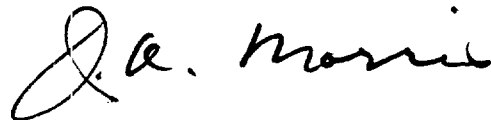
March 1, 1983

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,

A handwritten signature in black ink, appearing to read "J.A. Morris". The signature is fluid and cursive, with a large initial "J" and "M".

SDMarino/ec  
Attachments

J.A. Morris  
Regulatory Engineering Supervisor

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

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate Division district office.

## 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.

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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.

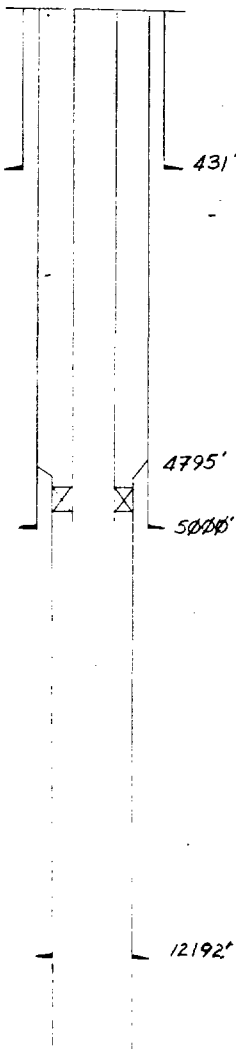
## INJECTION WELL DATA SHEET

Mobil Producing TX. &amp; 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 CirculatedHole size 17 1/2

## Intermediate Casing

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

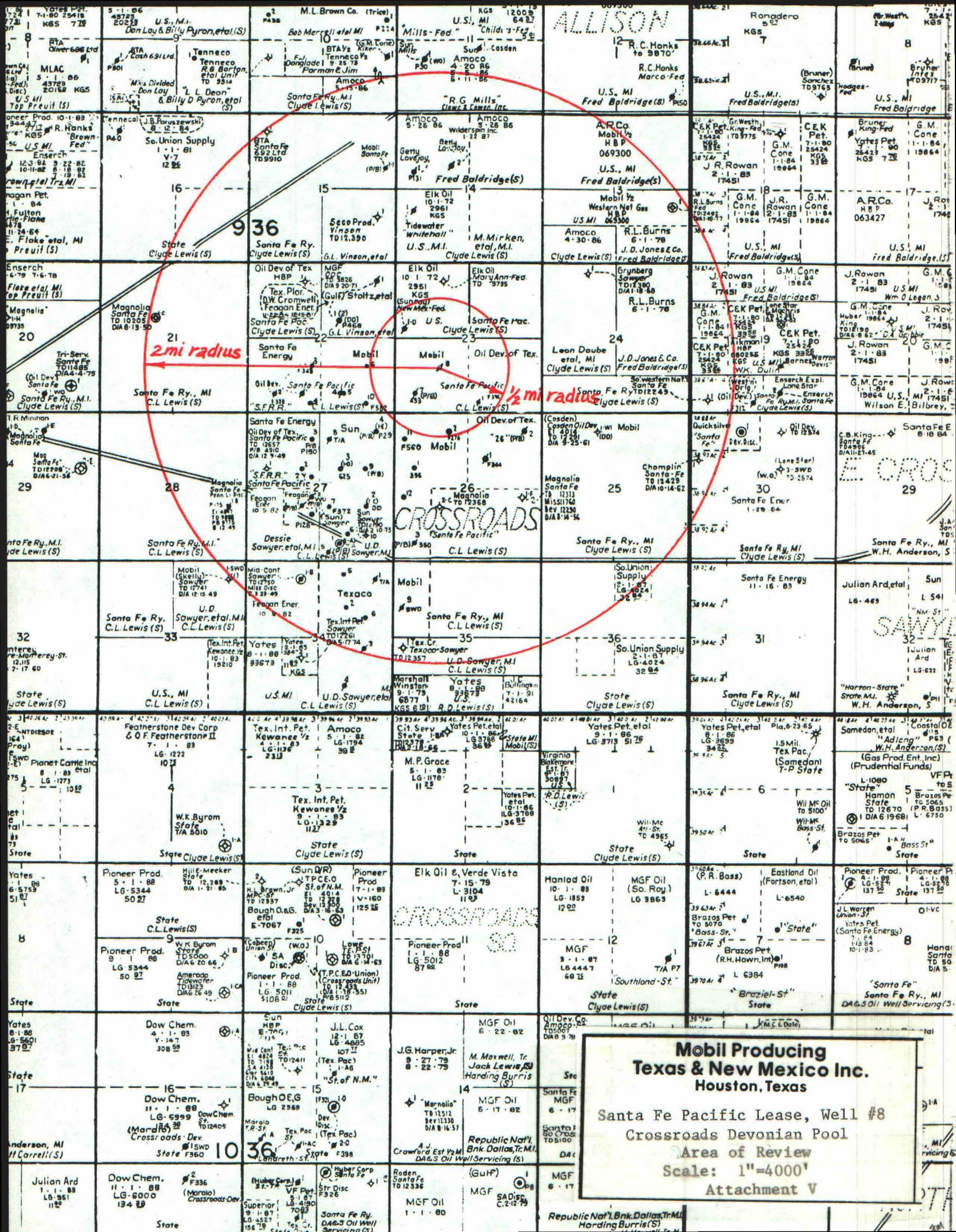
(brand and model)

(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			Depth Set	Cement Record Sx
						Casing Size	Weight Lbs/Ft			
2 C	26-9S-36E	Oil	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	Oil	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	Oil	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	Oil	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'

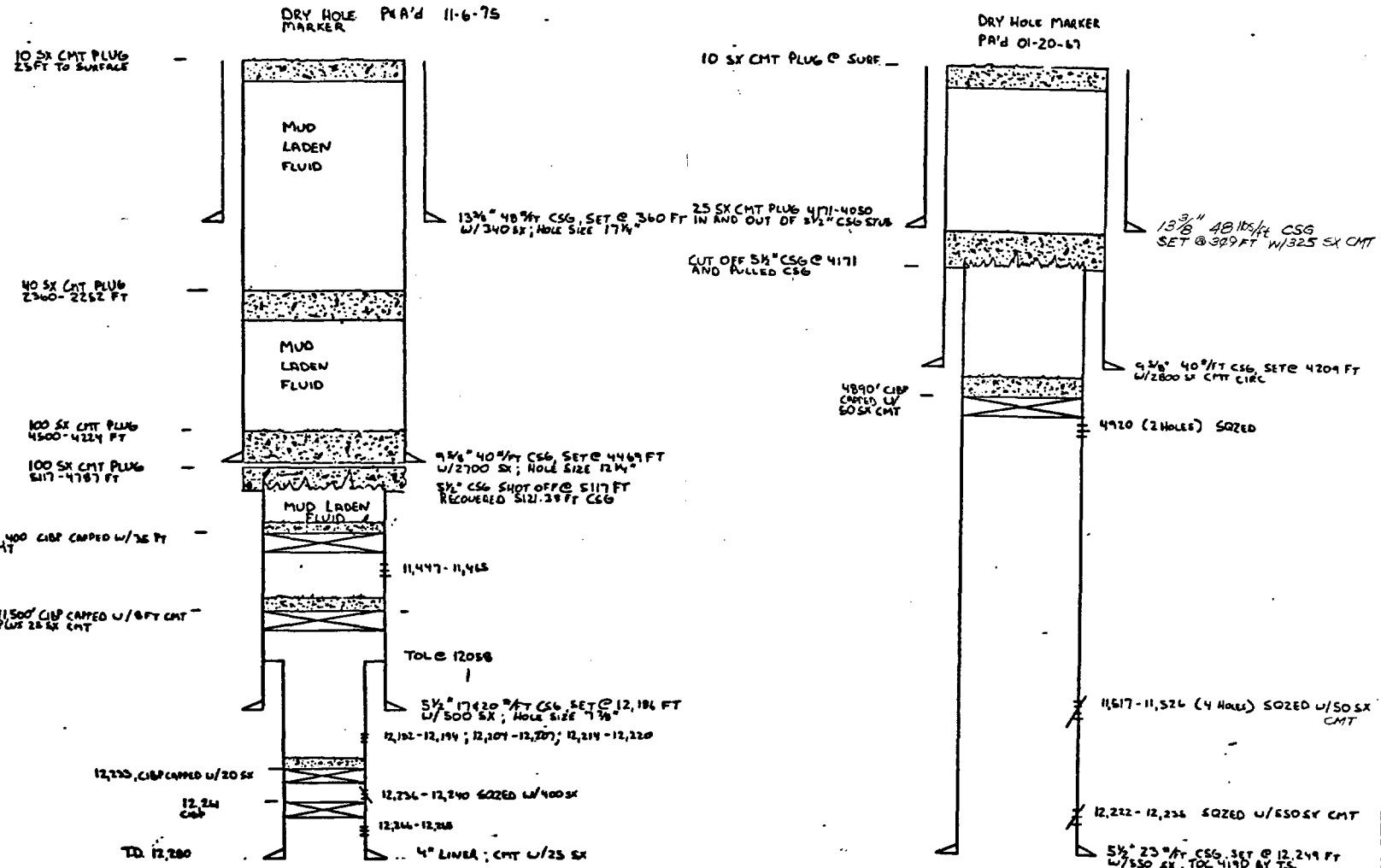
Operator - Oil Development Company of Texas

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





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

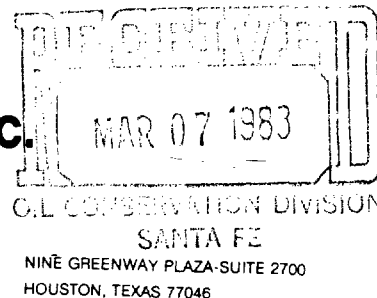
Sun Exploration and Production Company  
P.O. Box 1861  
Midland, TX 79702

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.



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

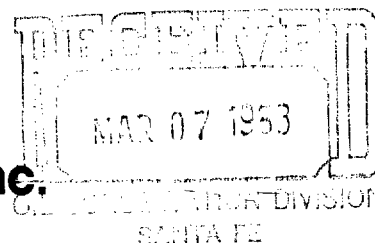
OPERATIONAL CHARACTERISTICS: Formation - Devonian,  
Injection interval 4900'-12,400',  
Expected maximum injection pressure 100 PSI  
and rate 20,000 BWPD.

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,

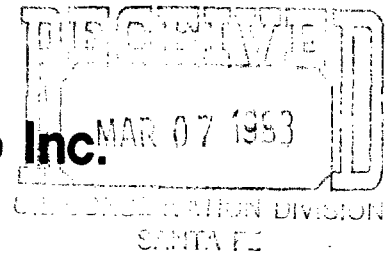
A handwritten signature in cursive script, appearing to read "J.A. Morris".

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,

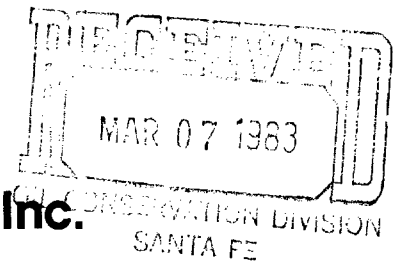
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SDMarino/ec  
Attachments

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

Elk Oil  
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.

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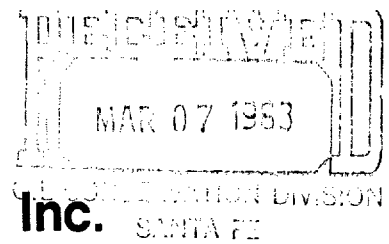
Yours truly,

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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.

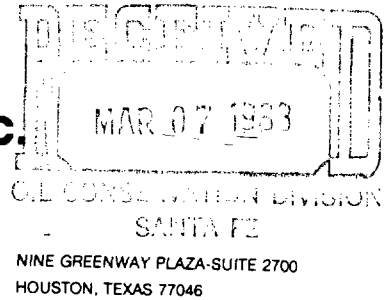
Yours truly,

SDMarino/ec  
Attachments

J.A. Morris  
Regulatory Engineering Supervisor

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:

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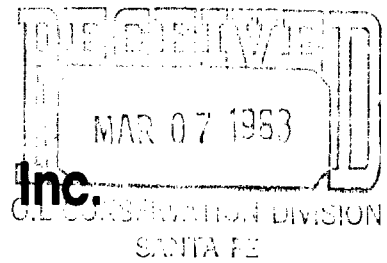
J.A. Morris  
Regulatory Engineering Supervisor

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

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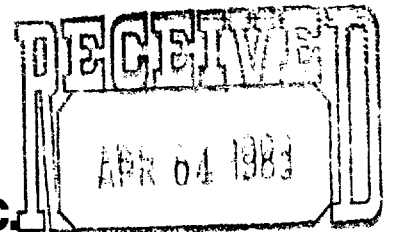
A handwritten signature in cursive script, appearing to read "J.A. Morris".

SDMarino/ec  
Attachments

J.A. Morris  
Regulatory Engineering Supervisor

cc: NMOCD - Santa Fe

# Mobil Producing Texas & New Mexico Inc.



OIL CONSERVATION DIVISION  
SANTA FE

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, 1983

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

Joyce Sharp

Subscribed and sworn to before me this 21st

day of March, 1983

Mr. Jean Lerner  
Notary Public, Lea County, New Mexico

My Commission Expires Sept. 28, 1986

## 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) 871-5351, 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 BWPD. 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  
(Name) (Title)  
Lovington Daily Leader, a newspaper having general  
(Name of Newspaper)  
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 21<sup>st</sup> 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

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

(City, State, and ZIP Code)

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

RETURN  
TO

**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.

UNITED STATES POSTAL SERVICE  
OFFICIAL BUSINESS

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



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 POSTMARK

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE:

CLERK'S INITIALS

☆GPO : 1979-300-459

MPTM

SANTA FE PACIFIC LEASE

WELL #8

CROSSROADS FIELD

SEC 23 T9S R36



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

(City, State, and ZIP Code)

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

RETURN  
TO

**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.

RENTAL FOR PRIVATE  
USE TO AVOID PAYMENT  
OF POSTAGE \$300



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

★ GPO : 1979-308-459

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

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

(City, State, and ZIP Code)

# 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



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

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)

RETURN  
TO

**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.

**UNITED STATES POSTAL SERVICE**  
**OFFICIAL BUSINESS**

PENALTY FOR PRIVATE  
USE TO AVOID PAYMENT  
OF POSTAGE: \$200



PS Form 3211, 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  
*Michael King*  
DATE OF DELIVERY 3.7.83

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE:

POSTMARK

CLERK'S INITIALS