

Petroleum Information.

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COUNTY	LEA	FIELD	Cross Roads	STATE	NM
OPR	MOBIL PRODUCING TX. & N.M., INC.			API	MN 03603
NO	WD-3 LEASE Santa Fe Pacific			MAP	
	Sec 26, T9S, R36E			COORD	
	660 FSL, 660 FWL of Sec			12-3-47 NM	
	7 mi SE/Cross Roads			SPD Re 1-8-79 CMP Re 8-28-81	
CSC	13 3/8-320-300 sx	WELL CLASS: INIT UD FIN U LSE. CODE			
	9 5/8-6198-3000 sx	FORMATION	DATUM	FORMATION	DATUM
	7-12,240-1750 sx				
	4 1/2-11,835				
		TD 12,555 (DVNN)	PRD		
(Devonian) Perfs & OH 12,212-12,555 WATER DISPOSAL WELL					

CONTR	OPR NETA	4030 DF	sub-s
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F.R. 5-18-81 OWDD
 PD 12,555 RT (Devonian)
 WATER DISPOSAL WELL
 (Orig. Magnolia Petroleum Co., #1 Santa Fe Pacific
 "C", comp 1-11-49 from (Devonian) OH 12,240-263,
 OTD 12,263; OWWO by Mobil Oil Corp., #3 Santa Fe
 Pacific & Re-cmp 9-13-68 thru (Drinkard) Perfs
 12,212-218, OTD 12,263, OPB 12,232)
 12-14-81 TD 12,555; Complete
 CIBP @ 12,145
 Perf (Pennsylvanian) 11,445-447, 11,453-455,
 11,471-473, 11,495-499, 11,518-520, 11,530-538 w/1
 SPF
 Acid (11,405-538) 5000 gals
 Swbd wtr w/SO (11,445-538)
 Well Temp Aban 2-7-79
 Sqzd (11,445-538) 300 sx (4-21-81)
 DO & Deepened 12,263 to 12,555

12-3-47

BEFORE EXAMINER SIGNATURE

OIL CONSERVATION DIVISION

OCD EXHIBIT NO. 1d

CASE NO. 11901

Submit 5 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1950, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-11M
Revised 1-1-89
See Instructions
at Bottom of Page

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator METEOR DEVELOPMENTS, INC.	Well API No. 30-025-03603
Address 511 16th Street, Suite 400, Denver, CO 80202	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
New Well <input type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Operator <input checked="" type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/> Effective September 1, 1991
If change of operator give name and address of previous operator Bordeaux Petroleum Co., 511 16th Street, Suite 400, Denver, CO 80202	

II. DESCRIPTION OF WELL AND LEASE

Lease Name Santa Fe Pacific	Well No. 3	Pool Name, including Formation Crossroads Siluro Devonian	Kind of Lease State, Federal <u>(or Fee)</u>	Lease No.
Location Unit Letter M : 660 Feet From The S Line and 660 Feet From The W Line Section 26 Township 9 S Range 36 E , NMPM, Lea County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil N/A (Water Disposal Well)	or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)				
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/>	or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)				
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When ?

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth		
Perforations						Depth Casing Shoe		
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET			SACKS CEMENT		

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Bruce M. Patterson
Signature
BRUCE M. PATTERSON ENGINEER & OPERATIONS
Printed Name
9/18/91 303/572-1135
Date Telephone No.

OIL CONSERVATION DIVISION
OCT 21 1991

Date Approved _____
By ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR
Title _____

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO. <u>30-025-03603</u>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Santa Fe Pacific
8. Well No. #3
9. Pool name or Wildcat Crossroad Siluro-Devonian
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 4030 D.F.

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Swid</u>	
2. Name of Operator Bordeaux Petroleum Company	
3. Address of Operator 333 W. Hampden Ave. Suite 604, Englewood, Co 80110	
4. Well Location Unit Letter <u>M</u> : <u>660</u> Feet From The <u>South</u> Line and <u>660</u> Feet From The <u>West</u> Line Section <u>26</u> Township <u>9S</u> Range <u>36E</u> NMPM <u>Lea</u> County	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: Started back on Injection <input type="checkbox"/>

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

On 2/13/90 - Clean up acidized well 1/10,000 gals - 15% HCL-Avg Pump Rate 3.8 BPM @ 50 psig. Max. press. 50 psi, Final 30 psi, ISOP-on vac. Flushed Acid with Produced water rig up Pressure Chart on Annulus and Pressure tested Annulus to 500 psi held for 30 min. The State Field inspector who witnessed the Mechanical integrity test. Tubing Pressure was 35 psi and Csg Annulus Pressure @0psi. Added a drum of packer Fluid w/fresh water down the back side and pressured up to 500 psi and Shut in Valve on Annulus, Place well back into SW Disposal System.

See Attached.

well diagram.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Bruce M. Patterson TITLE Vice President-Engineering & Operations DATE _____

TYPE OR PRINT NAME Bruce M. Patterson

TELEPHONE NO. 303-761-3707

(This space for State Use) ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____ DATE 2 1990

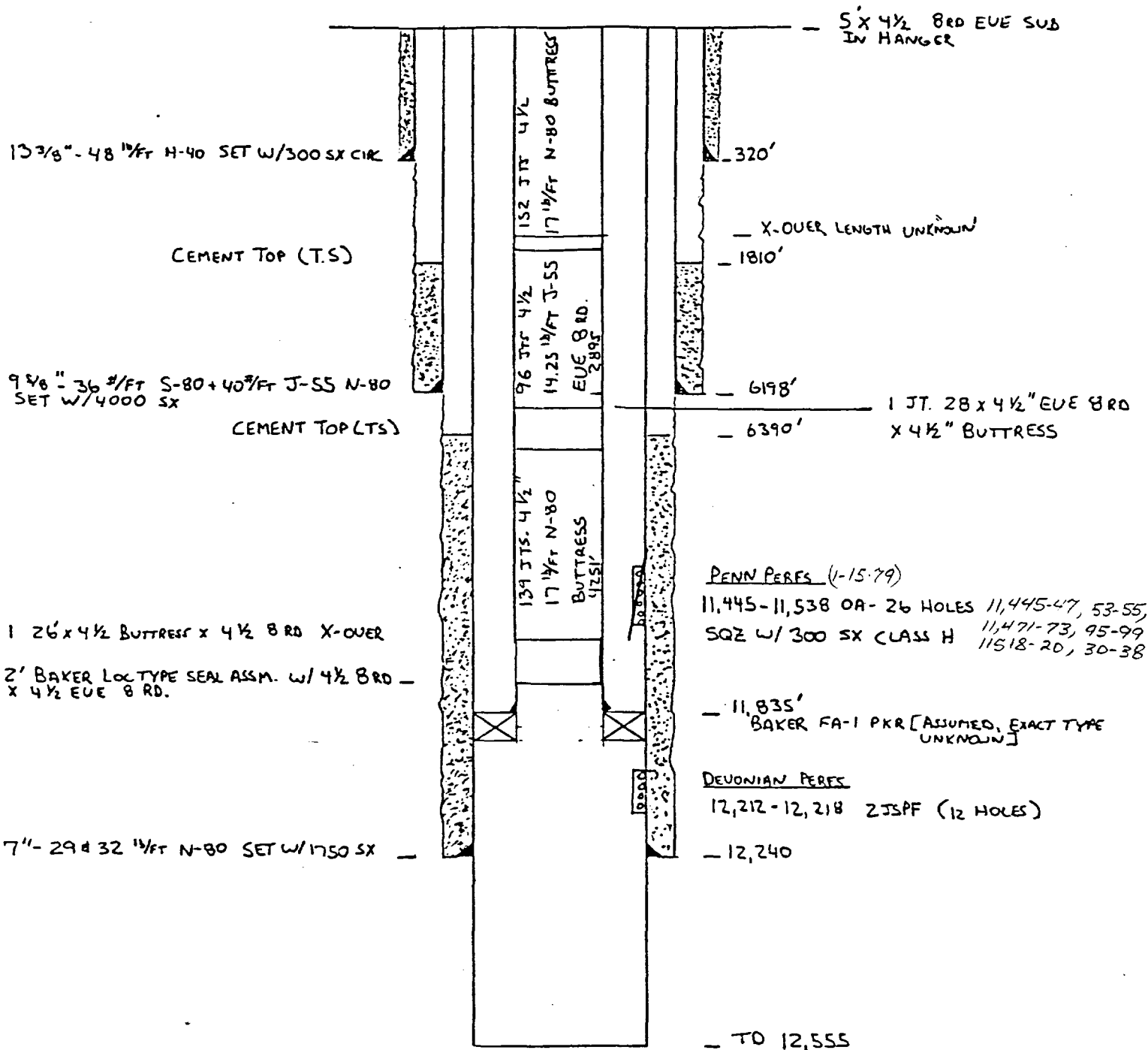
CONDITIONS OF APPROVAL, IF ANY:

SANTA FE PACIFIC WELL #3 S.W.D.

CROSSROADS SILURO-DEVONIAN FIELD

LEA COUNTY, NEW MEXICO

D.F. ELEVATION: 4030



as of 4/19/90 CBJ/P

Submit 5 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-104
Revised 1-1-89
See Instructions
at Bottom of Page

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

I.

Operator BORDEAUX PETROLEUM COMPANY	Well API No.
Address 333 W. HAMPDEN AVE. SUITE 604, ENGLEWOOD, COLORADO 80110	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
New Well <input type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Operator <input checked="" type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>
Effective 3/1/90	
If change of operator give name and address of previous operator METEOR DEVELOPMENTS, INC. 12842 VALLEY VIEW #104 GARDEN GROVE, CA 92645	

II. DESCRIPTION OF WELL AND LEASE

S.W.D (Active)

Lease Name SANTA FE PACIFIC	Well No. 3	Pool Name, Including Formation CROSSROADS, DEVONIAN	Kind of Lease SWEEPSTAKE Fee	Lease No.
Location				
Unit Letter <u>11</u> : <u>660</u> Feet From The <u>South</u> Line and <u>660</u> Feet From The <u>West</u> Line				
Section <u>26</u> Township <u>9S</u> Range <u>36E</u> , NMPM, Lea County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>N/A (Water Disposal Well)</u>	
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When ?

If this production is commingled with that from any other lease or pool, give commingling order number: _____

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth		
Perforations						Depth Casing Shoe		
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET			SACKS CEMENT		

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas- MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Bruce M. Patterson
Signature
Bruce M. Patterson-Vice President-Engineering &
Printed Name
3/13/90
Date
(303) 761-3707
Telephone No.

OIL CONSERVATION DIVISION
Date Approved MAR 30 1990
By Paul Kautz
Title Geologist

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

Mobil Producing Texas & New Mexico Inc.

February 25, 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 #3
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,

Original Signed By:
J. A. Morris

SDMarino/ec
Attachments

J.A. Morris
Regulatory Engineering Supervisor

cc: NMOCD - Santa Fe

Mobil Producing Texas & New Mexico Inc.

February 25, 1983

NINE GREENWAY PLAZA-SUITE 2700
HOUSTON, TEXAS 77046

Sun Oil 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 #3
CROSSROADS DEVONIAN POOL
LEA COUNTY, NM

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Original Signed By:
J. A. Morris

SDMarino/ec
Attachments

J.A. Morris
Regulatory Engineering Supervisor

cc: NMOCD - Santa Fe

Mobil Producing Texas & New Mexico Inc.

February 25, 1983

NINE GREENWAY PLAZA-SUITE 2700
HOUSTON, TEXAS 77046

Texaco, U.S.A.
P.O. Box 3109
Midland, TX 79702

7.01
NOTICE OF APPLICATION FOR
SALT WATER DISPOSAL WELL
MOBIL PRODUCING TX. & N.M. INC.
SANTA FE PACIFIC LEASE
WELL #3
CROSSROADS DEVONIAN POOL
LEA COUNTY, NM

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Yours truly,

Original Signed By:
J. A. Morris

SDMarino/ec
Attachments

J.A. Morris
Regulatory Engineering Supervisor

cc: NMOCD - Santa Fe

Mobil Producing Texas & New Mexico Inc.

February 25, 1983

NINE GREENWAY PLAZA—SUITE 2700
HOUSTON, TEXAS 77046

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

7.01
NOTICE OF APPLICATION FOR
SALT WATER DISPOSAL WELL
MOBIL PRODUCING TX. & N.M. INC.
SANTA FE PACIFIC LEASE
WELL #3
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,

Original Signed by
J. A. Morris

SDMarino/ec
Attachments

J.A. Morris
Regulatory Engineering Supervisor

cc: NMOCD - Santa Fe

Mobil Producing TX. & N.M. Inc.
Santa Fe Pacific Lease
Well #3
Crossroads Devonian Pool
Sec. 26, T9S, R36E
660' FWL & 660' FSL

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 ($\frac{1}{2}$) one-half mile radius of the well location.

Offset Operators

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

Sun Oil Company
P.O. Box 1861
Midland, TX 79702

Texaco, U.S.A.
P.O. Box 3109
Midland, TX 79702

Surface Owner

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

Mobil Producing TX. & N.M. Inc.
Santa Fe Pacific Lease
Well No. 3
Crossroads Devonian Pool
Sec. 26, T9S, R36E
660' FWL & 660' FSL

Stimulation Program

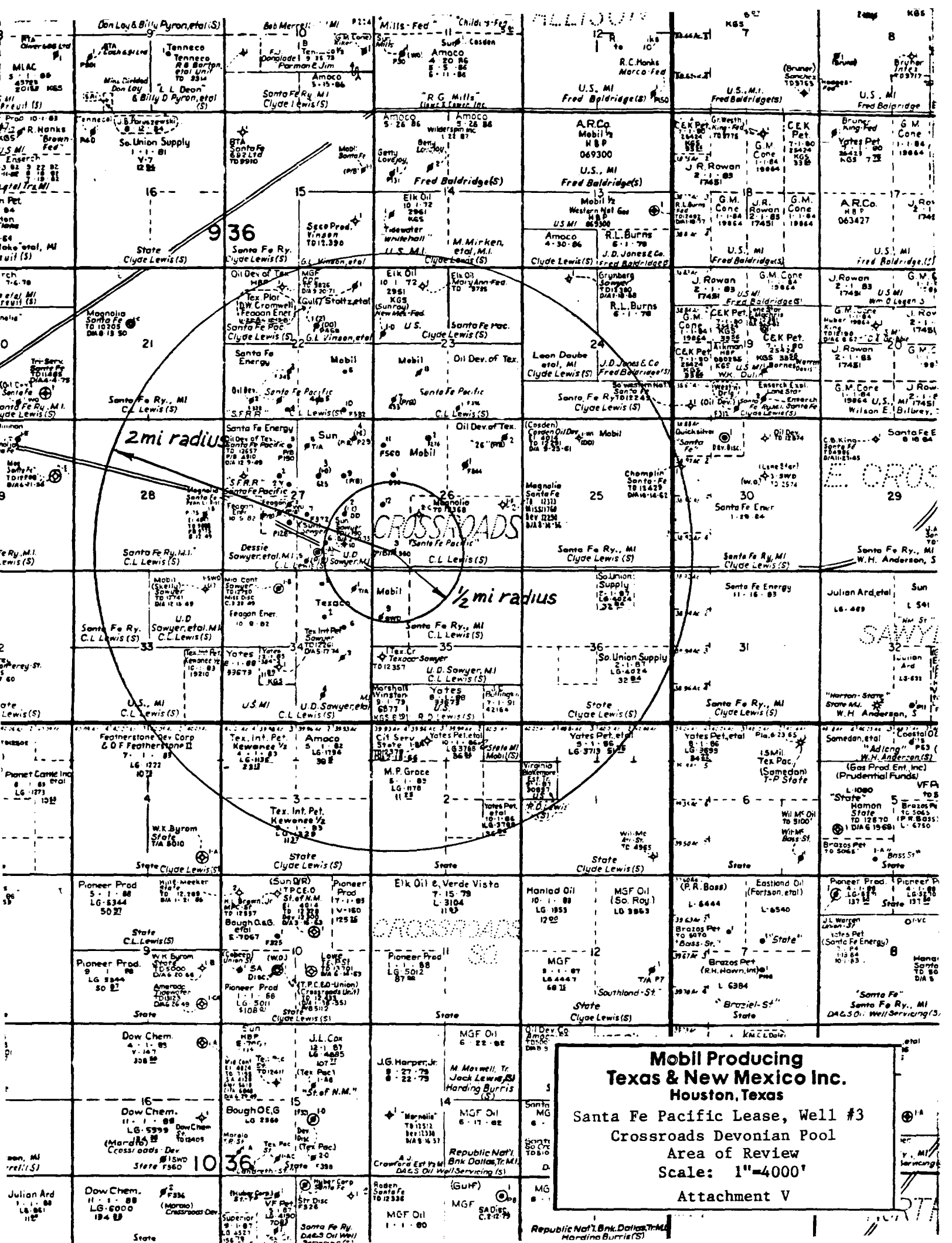
1. Hook up pump truck and pump 10,000 gals. 15% HCl.
Treat at 500 psig maximum surface treating pressure.
2. SI well for 1 hour. Backflow if necessary.
3. Place on disposal at 17,000 BWPD

RECEIVED
MAR 2 1968
O.C.D.
HOSSS OFFICE

Mobil Producing TX. & N.M. Inc.
Santa Fe Pacific Lease
Well No. 3
Crossroads Devonian Pool
Sec. 26, T9S, R36E
660' FWL & 660' FSL

Data on Proposed Operation

1. Avg. Daily Rate 17,000 BWPD
Max. Daily Rate 20,000 BWPD
2. Closed Disposal System
3. Avg. injection pressure 0 psi
Max. injection pressure 100 psi
4. Reinjecting produced water



RECEIVED

MAR 2 1983

U.S.D.
HOLDS OFFICE

Mobil Producing TX. & N.M. Inc.

Santa FE Pacific

OPERATOR

LEASE

3

660' FWL & 660' FSL

26

9S

36E

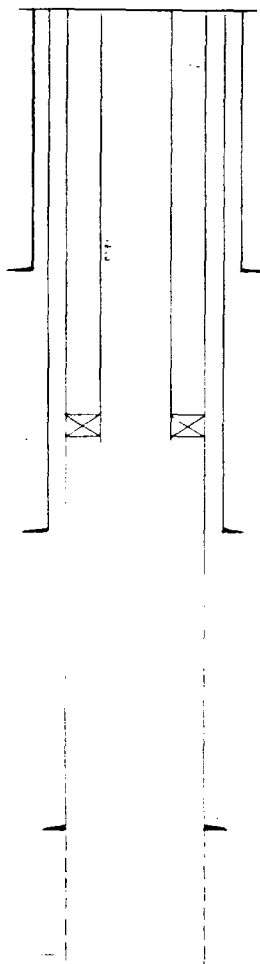
WELL NO.

FOOTAGE LOCATION

SECTION

TOWNSHIP

RANGE

SchematicTabular DataSurface Casing

Size 13-3/8 " Cemented with 300 sx.
 TOC Surface feet determined by circulation
 Hole size 17 1/4

Intermediate Casing

Size 9-5/8 " Cemented with 4000 sx.
 TOC 1810 feet determined by temp. survey
 Hole size 12-3/4

Long string

Size 7 " Cemented with 1750 sx.
 TOC 6390 feet determined by temp. survey
 Hole size 8-3/4"
 Total depth 12,555'

Injection interval

4900 feet to 12,555 feet
 (perforated or open-hole, indicate which)
Perforated and open hole

Tubing size 4 1/2" lined with high temp. fiberglass set in a
 (material)

7" Baker FA-1 packer at 4900 feet
 (brand and model)

(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation Devonian
- Name of field or Pool (if applicable) Crossroads Siluro Devonian Field
- Is this a new well drilled for injection? ☐ Yes ☒ No
 If no, for what purpose was the well originally drilled? Production from Devonian formation
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (socks of cement or bridge plug(s) used)
Yes. Perforated Penn. zone @ 11,445'-11,538'; 26 holes. Squeezed w/300 sx. Class H neat cement.
- 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

RECEIVED

MAR 2 1983

O.C.D.
HOBBS OFFICE

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 Reg. Engineering Supervisor
Signature: *J.A. Morris* Date: February 25, 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 date 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.

MAR 2 1983
OIL CONSERVATION DIVISION
SANTA FE, N.M.

Mobil

Oil Conservation Division

Page 2

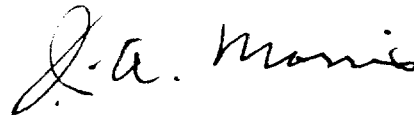
February 25, 1983

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,



SDMarino/ec
Attachments

J.A. Morris
Regulatory Engineering Supervisor

cc: NMOCD District #1

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MAR 2 1983
O.C.D.
HOBBE OFFICE

Mobil Producing Texas & New Mexico Inc.

February 25, 1983

NINE GREENWAY PLAZA-SUITE 2700
HOUSTON, TEXAS 77046

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 #3
CROSSROADS DEVONIAN POOL
LEA COUNTY, NM

Gentlemen:

R-6647-
MPTM respectfully requests authorization to increase the present designated injection interval from 12,212'-12,555' to 4900'-12,555'. Our original authorization was granted under Case #7206, Order No. R-647, dated 4-13-81, please refer to this document for information required for Sections VI, VIII, X and XI of this application. At this time, we desire to continue injecting production water from 12,222'-12,555' while labeling a longer injection interval. This authorization will allow us to set a packer within 100' of the labeled injection zone at savings of ±\$70,000 in tubing costs which would otherwise be incurred. In this application, we submit the relevant data to demonstrate protection of the fresh water aquifer, Ogallala, at ±175', and that correlative rights are not violated or 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) three strings of casing plus a cemented surface casing string surround the wellbore, (2) injection will be through 4½" tubing lined with fiberglass to a packer set at ±4900' and then through 7" casing to the Devonian formation, 12,212'-12,555'. (see completion sketch), (3) required average pump pressures are less than ±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.

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MAR 2 1963
C.C.D.
HOBBS OFFICE

OIL CONSERVATION DIVISION
DISTRICT 1

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

DATE 3/3/83

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

Gentlemen:

I have examined the application for the:

Mobil Prod Co. & M.M. Inc. Santa Fe Pacific # 3-111
Operator Lease and Well No. Unit, S - T - R 26-9-36

and my recommendations are as follows:

OK JS

Yours very truly,

/mc

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

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

Form C-104
Revised 10-01-78
Format 06-01-83
Page 1

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REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator METEOR DEVELOPMENTS, INC.

Address 12842 Valley View #104 Garden Grove, CA 92645

Reason(s) for filing (Check proper box) Other (Please explain)

☐ New Well ☐ Change in Transporter of: ☐ Oil ☐ Dry Gas

☐ Recompletion ☐ Casinghead Gas ☐ Condensate

☒ Change in Ownership Effective Date: 2-1-87

If change of ownership give name and address of previous owner Mobil Producing Texas & New Mexico, Inc.
9 Greenway Plaza, Houston, TX 77046

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>Santa Fe Pacific</u>	Well No. <u>3</u>	Pool Name, Including Formation <u>Crossroads Pennsylvanian</u>	Kind of Lease State, Federal or Fee <u>Fee</u>	Lease No.
Location Unit Letter <u>M</u> ; <u>660</u> Feet From The <u>South</u> Line and <u>660</u> Feet From The <u>West</u>				
Line of Section <u>26</u> Township <u>9S</u> Range <u>36E</u> , NMPM, <u>Lea</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

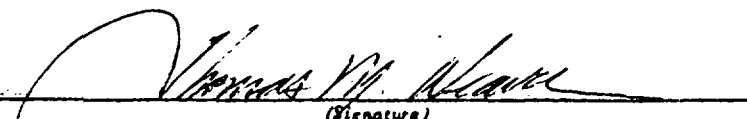
Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
<u>N/A (Water Disposal Well)</u>						
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When

If this production is commingled with that from any other lease or pool, give commingling order number: _____

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.


(Signature)
Vice President, Corporate Secretary
(Title)
February 2, 1987
(Date)

OIL CONSERVATION DIVISION

APPROVED JUN 2 1987, 19____

BY ORIGINAL SIGNED BY JERRY SEXTON

TITLE DISTRICT I SUPERVISOR

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

IV. COMPLETION DATA

Designate Type of Completion - (X)		Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth			
Perforations						Depth Casing Shoe			
TUBING, CASING, AND CEMENTING RECORD									
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET			SACKS CEMENT			

V. TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size

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OPERATOR	

Form C-105
Revised 11-80

NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. Indicate Type of Lease	State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
2. Title of Lease		
3. That Agreement Lease		
4. Name of Lease Holder		
5. Well No.		
6. Field and Loc., or Wellcat		
7. That Agreement Lease		
8. Name of Lease Holder		
9. Well No.		
10. Field and Loc., or Wellcat		
11. That Agreement Lease		
12. Name of Lease Holder		
13. Well No.		
14. Field and Loc., or Wellcat		
15. That Agreement Lease		
16. Name of Lease Holder		
17. Well No.		
18. Field and Loc., or Wellcat		
19. That Agreement Lease		
20. Name of Lease Holder		
21. Well No.		
22. Field and Loc., or Wellcat		
23. That Agreement Lease		
24. Name of Lease Holder		
25. Well No.		
26. Field and Loc., or Wellcat		
27. That Agreement Lease		
28. Name of Lease Holder		
29. Well No.		
30. Field and Loc., or Wellcat		
31. That Agreement Lease		
32. Name of Lease Holder		
33. Well No.		
34. Field and Loc., or Wellcat		
35. That Agreement Lease		
36. Name of Lease Holder		
37. Well No.		
38. Field and Loc., or Wellcat		
39. That Agreement Lease		
40. Name of Lease Holder		
41. Well No.		
42. Field and Loc., or Wellcat		
43. That Agreement Lease		
44. Name of Lease Holder		
45. Well No.		
46. Field and Loc., or Wellcat		
47. That Agreement Lease		
48. Name of Lease Holder		
49. Well No.		
50. Field and Loc., or Wellcat		
51. That Agreement Lease		
52. Name of Lease Holder		
53. Well No.		
54. Field and Loc., or Wellcat		
55. That Agreement Lease		
56. Name of Lease Holder		
57. Well No.		
58. Field and Loc., or Wellcat		
59. That Agreement Lease		
60. Name of Lease Holder		
61. Well No.		
62. Field and Loc., or Wellcat		
63. That Agreement Lease		
64. Name of Lease Holder		
65. Well No.		
66. Field and Loc., or Wellcat		
67. That Agreement Lease		
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70. Field and Loc., or Wellcat		
71. That Agreement Lease		
72. Name of Lease Holder		
73. Well No.		
74. Field and Loc., or Wellcat		
75. That Agreement Lease		
76. Name of Lease Holder		
77. Well No.		
78. Field and Loc., or Wellcat		
79. That Agreement Lease		
80. Name of Lease Holder		
81. Well No.		
82. Field and Loc., or Wellcat		
83. That Agreement Lease		
84. Name of Lease Holder		
85. Well No.		
86. Field and Loc., or Wellcat		
87. That Agreement Lease		
88. Name of Lease Holder		
89. Well No.		
90. Field and Loc., or Wellcat		
91. That Agreement Lease		
92. Name of Lease Holder		
93. Well No.		
94. Field and Loc., or Wellcat		
95. That Agreement Lease		
96. Name of Lease Holder		
97. Well No.		
98. Field and Loc., or Wellcat		
99. That Agreement Lease		
100. Name of Lease Holder		

1a. TYPE OF WELL

OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	OTHER <input checked="" type="checkbox"/> SWD
NEW WELL <input type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEPEN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>
			DIFF. RESVR. <input type="checkbox"/>
			OTHER <input type="checkbox"/> C/V to SWD

2. Name of Operator

Mobil Producing TX. & N.M. Inc.

3. Address of Operator

9 Greenway Plaza, Suite 2700, Houston, Texas 77046

4. Location of Well

UNIT LETTER M LOCATED 660 FEET FROM THE South LINE AND 660 FEET FROM

THE West LINE OF SEC. 26 TWP. 9-S RGE. 36-E NEPM

15. Date Spudded 4-21-81 16. Date T.D. Reached 5-11-81 17. Date Compl. (Ready to Prod.) 8-27-81 18. Elevations (D.F. RKB, RT, GR, etc.) 4030 DF 19. Elev. Casinthead

20. Total Depth 12555 21. Plug Back T.D. NA 22. If Multiple Compl., How Many 1 23. Intervals Drilled By X Rotary Tools X Cable Tools

24. Producing Intervals, of this completion - Top, Bottom, Name Devonian 12,212-18 & OH 12,240-555 25. Was Directional Survey Made No

26. Type Electric and Other Logs Run None 27. Was Well Cored No

28. CASING RECORD (Report all strings set in well)

CASING SIZE WEIGHT LB. FT. DEPTH SET HOLE SIZE CEMENTING RECORD AMOUNT PULLED

13-3/8 48 320 300sx

9-5/8 36 & 40 6198 4000sx

7 29 & 32 12240 1750sx

29. LINER RECORD 30. TUBING RECORD

SIZE TOP BOTTOM SACKS CEMENT SCREEN SIZE DEPTH SET PACKER SET

4-1/2 11,835 11,835

31. Perforation Record (Interval, size and number)

12,212-18, 12,240-555

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

33. PRODUCTION

Date First Production NO TEST Production Method (Flowing, gas lift, pumping - Size and type pump) NO TEST Well Status (Prod. or Shut-in) NO TEST

Date of Test NO TEST Hours Tested NO TEST Choke Size NO TEST Pressure Per Test Period NO TEST Oil - Bbl. NO TEST Gas - MCF NO TEST Water - Bbl. NO TEST Gas - Oil Ratio NO TEST

Flow Tubing Press. NO TEST Casing Pressure NO TEST Calculated 24-Hour Rate NO TEST Oil - Bbl. NO TEST Gas - MCF NO TEST Water - Bbl. NO TEST Oil Gravity - API (Corr.) NO TEST

34. Disposition of Gas (Sold, used for fuel, vented, etc.) NO TEST Test Witnessed By NO TEST

35. List of Attachments

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED R.L. Hogan TITLE Authorized Agent DATE 9-8-81

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly drilled or deepened well. It shall be accompanied by one copy of all electrical and resistivity logs run on the well and a summary of all geophysical logs conducted, including dip logs, logs, etc. All forms reported shall be returned together in the case of unprofitably drilled wells, but in the case of profitable wells shall also be reported. For multiple completions, Forms 1 through 34 shall be reported for each zone. The form is not subject to public release except on state land, where six copies are required. (See Rule 11.5.)

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Fictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Quartz _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

<p align="center">SUNDY NOTICES AND REPORTS ON WELLS</p> <p align="center"><small>(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO RE-OPEN OR RE-LOCATE TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT - 11 (FORM C-101) FOR SUCH PROPOSALS.)</small></p>		<p>5a. Indicate Type of Lease State <input type="checkbox"/> Fee <input checked="" type="checkbox"/></p>
<p>1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- Salt Water Disposal</p>		<p>5. State Oil & Gas Lease No.</p>
<p>2. Name of Operator Mobil Producing TX. & N.M. Inc.</p>		<p>7. Unit Agreement Name</p>
<p>3. Address of Operator 9 Greenway Plaza, Suite 2700, Houston, Texas 77046</p>		<p>8. Name of Lease Name Santa Fe Pacific</p>
<p>4. Location of Well UNIT LETTER <u>M</u> <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE, SECTION <u>26</u> TOWNSHIP <u>9-S</u> RANGE <u>36-E</u> NMPL.</p>		<p>9. Well No. 3</p>
<p>15. Elevation (Show whether DF, RT, GR, etc.)</p>		<p>10. Field and Pool, or Wildcat Crossroads-Devonian</p>
<p>12. County Lea</p>		

<p>16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data</p>	
<p>NOTICE OF INTENTION TO:</p> <p>PERFORM REMEDIAL WORK <input type="checkbox"/></p> <p>TEMPERARILY ABANDON <input type="checkbox"/></p> <p>PULL OR ALTER CASING <input type="checkbox"/></p> <p>OTHER <input type="checkbox"/></p>	<p>SUBSEQUENT REPORT OF:</p> <p>PLUG AND ABANDON <input type="checkbox"/></p> <p>CHANGE PLANS <input type="checkbox"/></p> <p>OTHER <input type="checkbox"/></p>
<p>PERFORM REMEDIAL WORK <input type="checkbox"/></p> <p>TEMPERARILY ABANDON <input type="checkbox"/></p> <p>PULL OR ALTER CASING <input type="checkbox"/></p> <p>OTHER <input type="checkbox"/></p>	<p>REMEDIAL WORK <input type="checkbox"/></p> <p>COMMENCE DRILLING OPNS. <input type="checkbox"/></p> <p>CASING TEST AND CEMENT JOBS <input type="checkbox"/></p> <p>OTHER <u>Convert to SWD</u> <input checked="" type="checkbox"/></p>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

4-21-81 MIRU Well Units, install BOP. Ran 7" Howco cmt ret. on W.L. & stop @ 6382, had scale. SDFN

4-22-81 GIH w/5-7/8 bit on 2-7/8 tbg to 7600, 7900, circ clean. SDFN

& 4-23-81

4-25,26-81 Ran bit to 9393, 11507.

4-27-81 Ran 7" cmt ret on 2-7/8 tbg to 11,380. Test 7" csg 1000#, O.K. 4000#, O.K. Cmt sqz Penn perfs 11,445-11,538 (26 holes) w/300sx H containing 4/10 of 1% Halad 9, sqz press 4000#, rev circ out 90 sxs. Job comp 4-27-81 POH w/cmt stringer.

4-28-81 Ran 5-7/8 ver al bit, 10-4 1/2" cols on 2-7/8 tbg to 11,370, had 10' cmt on ret @ 11,380, drill cmt & ret 4 1/2 hrs, circ hole clean. SDFN.

4-29-81 Fin drg out cmt ret @ 11,380, circ clean. Press test Penn perfs 11,445-11,538, 700# OK. Clean out csg build up 11,548-11,720 & fell thru, ran bit to 12,128, tag fill cleaned out to 12,136. Circ clean.

4-30-81 Drill out cmt 12,136 to CIBP @ 12,180.

5-1-81 Fin drg out CIBP & cmt ret @ 12,224, mill 2 hrs circ clean.

5-2&3-81 Mill out 12,224-12,227, circ out rubber. Reda pump metal bands, brass, cast iron & Scale, circ clean SDFN.

5-4-81 Rec rubber, reda pump metal bands, brass, CI bit bearing & Scale, circ hole clean, start out of hole.

(Cont'd on back side)

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed R. L. Hogan TITLE Authorized Agent DATE 9-9-81

APPROVED BY John B. Hagan TITLE Secretary DATE SEE 10-2-81

CONDITIONS OF APPROVAL, IF ANY:

17. (Cont'd)

5-5-81 Fin. POH Ran 5-7/8 bit, 10-4 1/4" cols.
5-6-81 GIH w/385 jts 2-7/8 tbg to 12,229 D/O cmt 12,229-12,262.
5-7-81 Drill new hole 12,262-77 circ clean.
5-8,9, -
10-81 Drg new form 12,227-12337.
5-21-81 Released Well Unit DD @ 1:30 PM. Acid Eng displace hole w/500 bbls 2% KCL wtr w/20 gals Adamol, 20 gals corrosion inhib & 20 gals soap, job comp 5 PM.
5-29-81 Dropped from report/waiting on injection tubing.
8-25-71 WIH w/2' Baker loc type seal assm wx4-1/2 8rtx4-1/2 EUE 8rt, 1-26x4-1/2 Buttress x 4-1/2 8rt 139 jts 4-1/2 17# N80 Buttress tbg, total length 4251, 1 jt 28x4-1/2 EUE 8rtx4-1/2 Buttress, 29 jts 4-1/2 14.25# J55 EUE 8rt. total pipe run 5177'.
8-26-81 Fin GIH w/67 jts 4-1/2 8rt 14.25# J55 EUE tbg, total J55, 8rt EUE 2.891 & 152 jts 4-1/2 17# N80 Buttress, tag pkr 11,835, set 20,000 comprs on pkr.
8-27-81 Inst 23 jts 4 1/2 17# Buttress on top of 5 x 4 1/2 8 rt EUE sub in hanger, Acid Engr disp csg 240 bbl treated fr wtr, landed tbg w/24,000 comprs, load csg & press test 200/held OK. Rel Permian WS Ut & well to prod @ 2:30 PM.
8-28-81 Started disposal @ 20,000 BWPD, TP 85, CP 0, Inj 37,000 BSW/43 hrs, TP 75, CP 0.

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OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Salt Water Disposal		8. Farm or Lease Name Santa Fe Pacific	
2. Name of Operator Mobil Producing TX. & N.M. Inc.		9. Well No. 3	
3. Address of Operator Nine Greenway Plaza, Suite 2700, Houston, TX 77046		10. Field and Pool, or Wildcat Crossroads Devonian	
4. Location of Well UNIT LETTER M LOCATED 660 FEET FROM THE South LINE AND 660 FEET FROM THE West LINE OF SEC. 26 TWP. 9-S RGE. 36-E NMPM		12. County Lea	
19. Proposed Depth 12,555'		19A. Formation Devonian	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 4030' DF	
21A. Kind & Status Plug. Bond On File		21B. Drilling Contractor Unknown	
22. Approx. Date Work will start As soon as possible		23.	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP

This well is presently temporarily abandoned in the Pennsylvanian formation. Permission is requested to deepen to 12,555' and convert to a salt water disposal well in the Devonian Zone as provided for in Order No. R-6647 dated April 13, 1981.

BLOWOUT PREVENTER PROGRAM

Casing String	Equip. Size & API Series	No. & Type	Test Press. PSI
Production	6"	900	1 Blank Ram & 1 Pipe Ram
			6000

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed A.D. Bond A.D. Bond Title Coordinator II Date May 6, 1981

(This space for State Use)

APPROVED BY [Signature] TITLE REGULATORY ENGINEERING DATE [Signature]

CONDITIONS OF APPROVAL, IF ANY:

WELL WORK RECOMMENDATIONS
Proposals for Well Reconditioning and Subsurface Maintenance
Workovers, Expense DD's, PB's, and Conversions

Lease Santa Fe Pacific Well No. 3
Field Crossroads Devonian
County Lea State New Mexico

RECOMMENDED PROCEDURE

1. M I R U Pulling Unit. Pick up 2 7/8" work string. R/H w/ cmt retainer and set @ $\pm 11,400'$.
2. Squeeze Penn perfs @ 11,495' - 11,538' w/ 300x Class C neat cmt. POK
3. R/H w/ bit and drill collars to drill out cmt retainer and cmt to 12,145'. Test squeezed Penn perfs to 500 psi. If squeeze held proceed, if not resqueeze.
4. Drill out CIBP @ 12,145', cmt retainers @ 12,232' and 12,235'; cmt filled OH to 12,263', and new hole to 12,555'. POK w/ bit and drill collars.
5. R/H w/ treating pkr on 2 7/8" work string and set @ $\pm 12,100'$. Test tbg to 5000 psi in hole.
6. Acidize Devonian perfs and OH w/ 15,000 gallons 15% HCl @ 8-10 BPM.
7. Run injectivity test on well as prescribed by Hobbs Engineering. If test is successful proceed, if not hold for further recommendations.
8. P.OH and laydown tbg and pkr.
9. R/H w/ Baker Model FA-1 Permanent pkr and set inside 7" csg @ 12,100'.
10. R/H w/ 4 1/2" K-55 ST&C 11.6" csg lined with Duoline "HT" lining and nickel coated seal assy & stab inside permanent pkr @ 12,100'.
1. Load backside w/ treated water & place well on disposal.
Oper. Engr.

MRC 11/7/80

OK CMB 11/21/80

Mobil Producing Texas & New Mexico Inc.

February 25, 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 #3
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,

Original Signed By
J. A. Morris

SDMarino/ec
Attachments

J.A. Morris
Regulatory Engineering Supervisor

cc: NMOCD - Santa Fe

Mobil Producing Texas & New Mexico Inc.

February 25, 1983

NINE GREENWAY PLAZA-SUITE 2700
HOUSTON, TEXAS 77046

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 #3
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

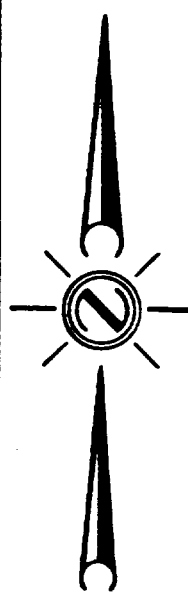
APPLICANT: Mobil Producing Texas & New Mexico Inc.,
9 Greenway Plaza, Suite 2700
Houston, TX 77046
Telephone: (713) 871-5351
Contact: Steve Marino

PURPOSE: To inject fluid into the Devonian Formation,
Santa Fe Pacific Lease,
Crossroads Devonian Pool,
Well #3,
Location - Section 26,
Township 9S, Range 36E

OPERATIONAL CHARACTERISTICS: Formation - Devonian,
Injection interval 4900'-12,555',
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



Special Instructions This well is presently temporarily abandoned in the Crossroads Penn Pool. It is being deepended to the Devonian and converted to a salt water disposal well in accordance with Order No. R-6647.

I hereby certify that this plat truly represents conditions as they actually exist on this lease; that said plat which is drawn to the scale indicated hereon, is to the best of my knowledge true and correct; that it accurately shows said lease with all wells on same; that number and locations of said wells are as indicated hereon; and that this plat correctly reflects all pertinent and required data.

LEASE Santa Fe Pacific
WELL NO. 3 DATE May 6, 1981
DIVISION Houston LEASE NO. NM1223
TOTAL ACRES IN LEASE 640 ACRES COVERED BY PLAT 240
DESCRIPTION W 1/2 of SW 1/4 & NW 1/4 Sec. 26, SW 1/4 Sec. 23, W 1/2 of
NW 1/4 Sec. 35, and SE 1/4 Sec. 22, T9S-R36E

DRAWN <u>T. Ray</u>	DATE <u>11-27-78</u>	FIELD <u>Crossroads</u>
SCALE <u>1"=1000'</u>	FILE NO. <u>32</u>	

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator Mobil Producing TX. & N.M. Inc.			Lease Santa Fe Pacific		Well No. 3
Unit Letter M	Section 26	Township 9-S	Range 36-E	County Lea	
Actual Footage Location of Well: 660 feet from the South line and 660 feet from the West line					
Ground Level Elev. 4030'	Producing Formation Devonian		Pool Crossroads - Devonian		Dedicated Acreage: * Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

* This well is being converted to a salt water disposal well in the Devonian formation in accordance with Order No. R-6647 dated April 13, 1981.

T9S - R3W

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

A.D. Bond

Name

A.D. Bond

Position **Regulatory Engineering Coordinator II**

Company **Mobil Producing TX. & N.M. Inc.**

Date

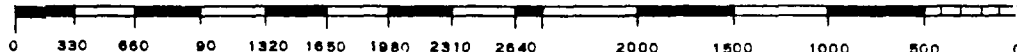
May 6, 1981

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.



NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

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TRANSPORTER	OIL
	GAS
OPERATOR	
PRORATION OFFICE	

I. Operator
Mobil Producing Texas & New Mexico Inc.

Address
9 Greenway Plaza, Suite 2700, Houston, TX 77046

Reason(s) for filing (Check proper box)
New Well ☐ Change in Transporter of:
Recompletion ☐ Oil ☐ Dry Gas ☐
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐

Other (Please explain)
To change Operator name from Mobil Oil Corporation.
(Effective Date: 1-1-1980)

If change of ownership give name
and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name Santa Fe Pacific	Well No. 3	Pool Name, including Formation Crossroads Pennsylvanian	Kind of Lease State, Federal or Fee Fee	Lease No.
Location Unit Letter M : 660 Feet From The SOUTH Line and 660 Feet From The WEST Line of Section 26 Township 9-S Range 36-E, NMPM, Lea County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> Mobil Pipe Line Co.	Address (Give address to which approved copy of this form is to be sent) P. O. Box 900, Dallas, TX 75221			
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/> Warren Petroleum Co	Address (Give address to which approved copy of this form is to be sent) P. O. 1589, Tulsa, Oklahoma 74102			
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.
Is gas actually connected? When No - temporarily abandoned				

If this production is commingled with that from any other lease or pool, give commingling order number: _____

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations					Depth Casing Shoe			
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Becky Newjahr
(Signature)

Authorized Agent
(Title)

October 31, 1979
(Date)

OIL CONSERVATION COMMISSION

APPROVED DEC 5 1979, 19 _____

BY Orig. Signed by
Jerry Sexton

TITLE Dist. 1, Sup.

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply

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OPERATOR	

Form C-103
Revised 10-68

NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

a. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. TYPE OF COMPLETION

NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☒ DIFF. RESVR. ☐ OTHER ☐

2. Name of Operator

Mobil Oil Corporation

3. Address of Operator

Nine Greenway Plaza - Suite 2700, Houston, Texas 77046

6. Location of Well

UNIT LETTER M LOCATED 660 FEET FROM THE South LINE AND 660 FEET FROM

THE West

LINE OF SEC. 26 TWP. 9-S RGE. 36-E NMPM

10. County

Lea

15. Date Spudded

5/29/48

16. Date T.D. Reached

12/23/48

17. Date Compl. (Ready to Prod.)

18. Elevations (DF, RKB, RT, GR, etc.)

4030'DF

19. Elev. Casinghead

20. Total Depth

12263

21. Plug Back T.D.

12145

22. If Multiple Compl., How Many

23. Intervals Drilled By

Rotary Tools

Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name

11445 - 538 Pennsylvanian

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

27. Was Well Cored

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./ FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	48#	320	17-1/2	w/300x	
9-5/8	36&40#	6198	12-1/4	w/3000x	Original completion not disturbed.
7	29&32#	12240	8-3/4	w/1750x	

29. LINER RECORD

30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number)

Pf. 7" w/1 JSPF

11445-538 (26 holes)

CIBP @ 12,180', capped w/35' cmt.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
11445-538	w/2000 gals 15% HCL + 50 BS

33. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
						TA 2/11/79	
Date of Test	Hours Tested	Choke Size	Prod'n. Per Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

Test Witnessed By

35. List of Attachments

C-103

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED

Shyanne Crump

TITLE

Clerical Adm.

DATE

7/5/79

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OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO RE-ENTER OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE APPLICATION FOR PERMIT TO DRILL (FORM C-101) FOR SUCH PROPOSALS.

OIL WELL ☒ GAS WELL ☐ OTHER ☐

6. Name of Operator

Mobil Oil Corporation

7. Address of Operator

9 Greenway Plaza, Suite 2700, Houston, TX 77046

8. Location of Well

UNIT LETTER M, 660 FEET FROM THE South LINE AND 660 FEET FROM
THE West LINE, SECTION 26 TOWNSHIP 9-S RANGE 36-E NMPH.

7. Unit Agreement Name

8. Farm or Lease Name

Santa Fe Pacific

9. Well No.

3

10. Field and Pool, or Wildcat

Crossroads Pennsylvania

11. Elevation (Show whether DF, RT, GR, etc.)

4030 DF

12. County

Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

REMEDIAL WORK ☐

ALTERING CASING ☐

TEMPORARILY ABANDON ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

PULL OR ALTER CASING ☐

CHANGE PLANS ☐

CASING TEST AND CEMENT JOBS ☐

OTHER plug back from Devonian ☒

OTHER ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

12263 TD, 12232 PBTD, Dev 12212-18.

MIRU DA&S, 1/8/79 instal. BOP, C/O with bit & scraper to 2309', attempt to circ. form taking fluid. POH w/bit & scraper. DA set CIBP @ 12180 cap w/35' cmt, job comp. @ 8 PM 1/12/79. New PBTD 12,145' Ran 2-3/8 OE to 11555, circ to 10# br, rec 100 BNO, test csg 1000/ok. Howco spot 300 gals HCl @11555; perf 7" 1 JSPF 11445-47; 53-55; 71-73; 95-99; 11518-20; 30-38; total 26 holes. Test 2-3/8 tbg in hole to 6000 psi, set pkr @11285; instl tree, Howco test annl 1000/ok, displ spot acid @ 3.5 BPM, TTP 3200-4800 ISIP 2710, 10 min 1900. Swabbed total of 61 BLW + 1 BNO in 6 hrs. FL 8000; Howco acidize perfs 11445-538 w/2000 gals 15% HCl + 50 BS, TTP 4700-6000 @4BPM, ISIP 2600, 10 min 2200. FL 10800, LH 5, SO 75% wtr, strong SG. Swabbed total of 130 BLW + 46 BNO in 43-1/2 hrs. Howco acidize perfs 11445-538 w/3000 gals 28% HCl + 30 gals Moroflo 2/1000 gals, TTP 5200-6000 @ 6.5 BPM. Swab total of 113 BLW + 13-1/2 BNO in 13 hrs. Lost swab & 1800' SL in hole, fish for & could not catch top of line @ 9500. Cont. swbg. from 9100'; 21 BLW/20 hrs., + 41 BAW + 8-1/2 BNO. POH, rec sw & Line, GIH w/ 2-3/8 & RTTS, test tbg to 9500 psi. Set pkr @ 11335 w/1500 # wt, change out SL. Swbd total of 75 BLW/30 hrs. + 41/2 BNO. Install BOP's rel pkr; LD 2-3/8 tbg, cap well, rel DA&S 10 AM 2/7/79, Well TA.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Shyanne Crump

TITLE Clerical Adm.

DATE 7/5/79

APPROVED BY Jerry Sexton
Dist 1, Supv.

TITLE

DATE JUL 12 1979

CONDITIONS OF APPROVAL, IF ANY

Erskine 10/1/76 (2nd)

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Santa Fe Pacific	
2. Name of Operator Mobil Oil Corporation		9. Well No. 3	
3. Address of Operator Nine Greenway Plaza, Suite 2700; Houston, Texas 77046		10. Field and Pool, or Wildcat Crossroads-Pennsylvanian	
4. Location of Well UNIT LETTER <u>M</u> LOCATED <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>26</u> TWP. <u>9-S</u> RGE. <u>36-E</u> NMPM		12. County Lea	
19. Proposed Depth 12,200'		19A. Formation Pennsylvanian	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 4030' DF	
21A. Kind & Status Plug. Bond On File		21B. Drilling Contractor Unknown	
22. Approx. Date Work will start November 20, 1978			

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP

This well has been temporarily abandoned since 10-1-75. Permission is requested to abandon the Devonian Zone, set a cast-iron bridge plug at 12,200', and recompleate in the Pennsylvanian.

+ 35' OF CEMENT

BLOWOUT PREVENTER PROGRAM

Casing String	Equip. Size & API Series	No. & Type	Test Press. PSI
Production	6" 900	1 Blank Ram & 1 Pipe Ram	6000

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed A.D. Bond A.D. Bond Title Regulatory Engineering Coord. Date November 10, 1978

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT 1 DATE NOV 16 1978

CONDITIONS OF APPROVAL, IF ANY:

Expires 5/16/79

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

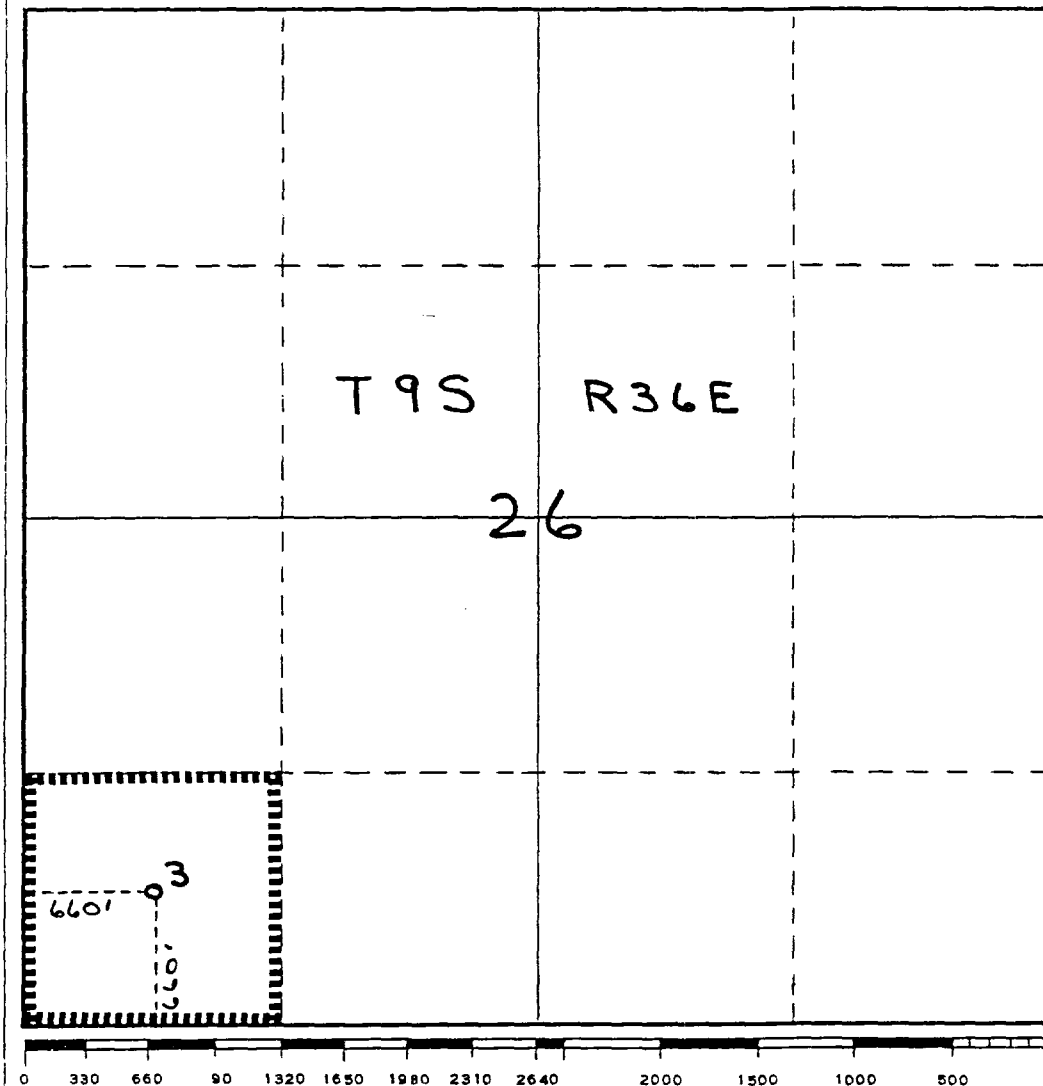
Operator Mobil Oil Corporation			Lease Santa Fe Pacific		Well No. 3
Unit Letter M	Section 26	Township 9-S	Range 36-E	County Lea	
Actual Footage Location of Well: 660 feet from the South line and 660 feet from the West line					
Ground Level Elev. 4030' DF	Producing Formation Pennsylvanian		Pool Crossroads-Pennsylvanian		Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

A.D. Bond

Name A.D. Bond
Position Regulatory Engineering Coordinator
Company Mobil Oil Corporation
Date November 10, 1978

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
Registered Professional Engineer and/or Land Surveyor
Certificate No.

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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL <input checked="" type="checkbox"/> WELL GAS <input type="checkbox"/> WELL OTHER- <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Mobil Oil Corporation	8. Farm or Lease Name Santa Fe Pacific
3. Address of Operator Box 633, Midland, Texas 79701	9. Well No. 3
4. Location of Well UNIT LETTER <u>M</u> <u>660</u> FEET FROM THE <u>West</u> LINE AND <u>660</u> FEET FROM THE <u>South</u> LINE, SECTION <u>26</u> TOWNSHIP <u>9-S</u> RANGE <u>36-E</u> NMPM.	10. Field and Pool, or Wildcat Crossroads Siluro Dev.
15. Elevation (Show whether DF, RT, GR, etc.)	12. County Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☒
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOB ☐
OTHER ☐
ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Temporarily abandon subject well effective 10-1-75.

To be held for a salt water disposal well for Crossroads Devonian Field.

Expires 10-1-76

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED [Signature] TITLE Authorized Agent DATE 10-14-75

APPROVED BY [Signature] TITLE SUPERVISOR DATE 10-14-75

CONDITIONS OF APPROVAL, IF ANY:

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

SUNDRY NOTICES AND REPORTS ON WELLS <small>(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT --" (FORM C-101) FOR SUCH PROPOSALS.)</small>		5a. Indicate Type of Lease State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. State Oil & Gas Lease No.
2. Name of Operator Mobil Oil Corporation		7. Unit Agreement Name
3. Address of Operator Box 633, Midland, Texas 79701		8. Farm or Lease Name Santa Fe Pacific
4. Location of Well UNIT LETTER M , 660 FEET FROM THE West LINE AND 660 FEET FROM THE South LINE, SECTION 26 TOWNSHIP 9-S RANGE 36-E NMPM.		9. Well No. 3
15. Elevation (Show whether DF, RT, GR, etc.)		10. Field and Pool, or Wildcat Crossroads Siluro Dev.
12. County Lea		

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input checked="" type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Temporarily abandon subject well effective 10-1-74
To be held for a salt water disposal well for Crossroads Devonian Field

Expires 10/1/75

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.			
SIGNED <u><i>J. J. McDaniel</i></u>	TITLE <u>Authorized Agent</u>	DATE <u>10-14-74</u>	
APPROVED BY <u>Orig. Signed by</u> <u>Joe D. Harvey</u>	TITLE _____	DATE _____	
CONDITIONS OF APPROVAL, IF ANY:			

NO. OF COPIES RECEIVED	
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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPLN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator <u>Mobil Oil Corporation</u>	8. Farm or Lease Name <u>Santa Fe Pacific</u>
3. Address of Operator <u>Box 633, Midland, Texas 79701</u>	9. Well No. <u>3</u>
4. Location of Well UNIT LETTER <u>M</u> , <u>660</u> FEET FROM THE <u>West</u> LINE AND <u>660</u> FEET FROM THE <u>South</u> LINE, SECTION <u>26</u> TOWNSHIP <u>9-S</u> RANGE <u>36-E</u> NMPM.	10. Field and Pool, or Wildcat <u>Crossroads Silver Devonian</u>
15. Elevation (Show whether DF, RT, GR, etc.)	12. County <u>Lea</u>

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <u>Install Artificial Lift Equip.</u> <input checked="" type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

3-14-69 - well was Temp. Abandoned - Re-run Reda Pump and return to Production.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED <u>[Signature]</u>	TITLE <u>Authorized Agent</u>	DATE <u>3-20-69</u>
APPROVED BY <u>[Signature]</u>	TITLE <u>SUPERVISOR</u>	DATE <u>3-20-69</u>
CONDITIONS OF APPROVAL, IF ANY:		

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FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-		7. Unit Agreement Name
2. Name of Operator <u>Mobil Oil Corporation</u>		8. Farm or Lease Name <u>Santa Fe Pacific</u>
3. Address of Operator <u>Box 633, Midland, Texas 79701</u>		9. Well No. <u>3</u>
4. Location of Well UNIT LETTER <u>M</u> , <u>660</u> FEET FROM THE <u>West</u> LINE AND <u>660</u> FEET FROM THE <u>South</u> LINE, SECTION <u>26</u> TOWNSHIP <u>9-S</u> RANGE <u>36-E</u> NMPM.		10. Field and Pool, or Wildcat <u>Crossroads Siluro Devonian</u>
15. Elevation (Show whether DF, RT, GR, etc.)		12. County <u>LEA</u>

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input checked="" type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Temporarily Abandon 11-25-68

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED [Signature] TITLE Authorized Agent DATE 12-4-68

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT DATE DEC 8 1968

CONDITIONS OF APPROVAL, IF ANY:

NO. OF COPIES RECEIVED		
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FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	
7. Unit Agreement Name	
8. Farm or Lease Name	
9. Well No.	
10. Field and Pool, or Wildcat	
12. County	

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☒ GAS WELL ☐ OTHER- ☐

2. Name of Operator
Mobil Oil Corporation

3. Address of Operator
Box 633, Midland, Texas 79701

4. Location of Well
UNIT LETTER M 660 FEET FROM THE West LINE AND 660 FEET FROM
THE South LINE, SECTION 26 TOWNSHIP 9-S RANGE 36-E NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

See Attached

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED [Signature] TITLE Authorized Agent DATE 9-17-68

APPROVED BY [Signature] TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

SANTA FE PACIFIC #3, Crossroads "Dev" Fld, Lea Co, NM. OBJECTIVE: Sq existing OH sec, perf upper section and stimulate.

7/30/68 12,263 TD, Dev OH (12,240-263).

MIRU Baber Well Serv DD unit, prep to pull Reda pump.

SANTA FE PACIFIC #3, 12,263 TD.

7/31 Pulled 9 stands 2-7/8 tbg & Reda pump in 2 hrs dragging, had $\frac{1}{2}$ " thick salt rings on tbg, pumped 79 BFW down csg in 6 hrs, CP Vac to 1000#. SD for nite.

SANTA FE PACIFIC #3, 12,263 TD.

8/1 P 150 BFW down csg, tbg & pump free, POH w/ 2-7/8 tbg & Reda pump, inst'l BOP, ran 4-3/4 bit & 5 $\frac{1}{2}$ " csg scraper on 65 jts 2-3/8 tbg. SD for nite.

SANTA FE PACIFIC #3, 12,263 TD.

8/2 Ran bit & 7" csg scraper on 2-3/8 tbg to 6660, stopped, POH, ran 5-3/4 LIB on SL to 6660, indicated springs off Reda pump. SD for nite. Prep to run magnetic basket.

SANTA FE PACIFIC #3, 12,263 TD.

8/6 Finish running 7" csg scraper to 12,238, POH, Schl ran GR-N-Collar-Corr log from 11,480 to 12,272, Schl meas, then set Howco SVDC retainer in 7" csg @ 12,235, Schl meas, ran Howco stinger on 2-3/8 tbg to 12,235, latched into ret. SD for nite. Prep to squeeze.

SANTA FE PACIFIC #3, 12,263 TD.

8/7 Howco attempted to sq Dev OH zone 12,240-263 w/ 300x T1N cement, TP 1100 to vacuum, overdisplace w/ 10 BW, job compl @ 9:15 a.m. 8/6/68, WOC 8 hrs, Howco attempted to sq OH zone w/ 300x T1N cement, TP 1100 to vacuum, overdisplace w/ 4 BW, job compl 6:00 p.m. 8/6/68, WOC, prep to sq.

SANTA FE PACIFIC #3, 12,263 TD.

8/8 Howco attempted to squeeze Dev OH zone 12,240-263 w/ 600x T1N cement, FTP 1100 to vac, pump rate 4 BPM @ 1950#, job compl @ 9:30 a.m. 8/7/68, WOC 8 hrs, Howco attempted to sq OH zone w/ 300x T1N cement w/ $\frac{1}{4}$ " flocele per sx, PP 2300, rate 4.0 BPM, FTP 1100 to vac, job compl 6:30 p.m. 8/7/68. SD for nite. WOC.

SANTA FE PACIFIC #3, 12,263 TD.

8/9 Press up to 6000#, bled to 5000# 1 $\frac{1}{2}$ min, pumped $\frac{1}{4}$ BPM @ 5900, Howco spotted 100x T1N cement containing $\frac{1}{4}$ " flocele per sx, then attempted to sq OH zone, TP 5900 to zero, rate 5.5 BPM, final TP 0, then Howco attempted to sq w/ 200x T1N cement containing $\frac{1}{4}$ " flocele per sx, TP 1100-0, overdisplace w/ 10 BBS wtr, job compl @ 11:00 a.m. 8/8/68. WOC.

SANTA FE PACIFIC #3, 12,263 TD.

8/10 Pumped into OH zone 3 BPM @ 2800#, Howco attempted to sq OH zone w/ 200x Incor Neat containing .08% Halad 9, stopped cement 6 bbls above SV DC ret, pull stinger out of retainer, attempted to rev out cement, lost circ, SV DC ret apparently cut out, set stinger back in pkr, displ cement @ 4 BPM @ 1500#, POH w/ 2-3/8 tbg & Howco stinger, SD for nite, prep to run SV DC ret on tbg.

8/12 Ran Howco 7" SV DC ret on 2-3/8 tbg, set @ 12,232, pumped into form @ 4 BPM @ 2200#, then Howco cemented w/ 200x Incor Neat cement containing .08% Halad 9, stopped cement 10 bbls short, SD 5 min, pulled stinger out of ret, rev out 6 bbls cement, job compl 3:00 p.m. 8/10/68, press up to 2500# on ret/ok, POH, w/ stinger, ran 6" bit to 12,230, displ hole w/ lease oil. SD for nite.

SANTA FE PACIFIC #3, 12,265 TD, 12,232 PBT.D.

8/13 Runco Acidizing Co spotted 500 gals 15% NE acid on bottom, POH, w/ tbg & bit, Schl perf 7" csg in the Dev @ 12,212-218, 6' w/ 2 JSPP, total 12 holes, press up to 1000# on 7" csg, no break, 15 min, rel press, ran 7" Guib KV30 pkr on 2-3/8 tbg to 10,000'. SD for nite.

- 8/14 SANTA FE PACIFIC #3, 12,232 TD, 12,232 PBTD, Dev (12,212-218).
Finish running tbgs OE to 12,230, Runco Acidizing Co washed perfs 3 times @ 1000# PP in 1½ hrs, no loss of acid, pulled tbgs to 12,205, set Guib pkr @ 12,205, attempted to pump acid in form @ 3000#, circ head leaking on pkr, unseated pkr, rerun tbgs to 12,230, sw 52 BLO + 11 BAW/3 hrs, pulled 104 stands of tbgs. SD for nite.
- 8/15 SANTA FE PACIFIC #3, 12,263 TD, 12,232 PBTD, Dev (12,212-218).
Finish POH, rerun 2-3/8 tbgs OE to 12,215 w/ Guib pkr set @ 12,114, Sweet hydraulic holddown @ 12,112, then sw 38 BLO/2 hrs, sw dry 1 hr. SD for nite. Prep to acidize.
- 8/16 SANTA FE PACIFIC #3, 12,263 TD, 12,232 PBTD, Dev (12,212-218)
Swab 10 BLO + 6 BNO 3 hrs, sw dry 1 hr, Runco Acidizing Co. acidized Dev. perfs 12,212-218 w/1000 gals 15% NE acid, BDTP 5400#, TTP 6000-400# rate, .4 BPM formations broke 6000-400# w/15 bbls acid in formation, stopped pumping acid ISIP-400#, 5 min 400#, job complete @ 3:00 P.M. 8/15/68. Then swab 39 BLO + 6 BNO + 24 BAW + 26 BFW in 3-1/2 hrs, 10,000' FIH, S/O on last run of swab 99% water - SD for nite.
- 8/17 SANTA FE PACIFIC #3, 12,263 TD, 12,232 PBTD, Dev (12,212-218).
S 2 BNO + 18 BFW/1 hr, unseated pkr and flowed 120 BLO (fluid equalizing), POH w/ pkr. SD for nite. Prep to run Reda pump.
- 8/19 Ran Reda pump on 127 jts 2-7/8 tbgs, inst'l wellhead, RD & Rel Baber Well Serv DD unit and Rel to Prod @ 10:30 a.m. 8/18/68.
- 8/19 P 51 BLO/12 hrs, no check on wtr prod. - 219 BLO.
Reda pump kicking on and off - to check fluid level to determine if well is pumping off.
- 8/20 SANTA FE PACIFIC #3, 12,263 TD, 12,232 PBTD.
P 17 BLO/10 hrs - no test on wtr.
- 8/21 SANTA FE PACIFIC #3, 12,263 TD, 12,232 PBTD.
P 140 BLO + 1035 BSW/9 hrs out of 24 hrs.
Prep to pull pump and check same.
- 8/22 SANTA FE PACIFIC #3, 12,263 TD, 12,232 PBTD.
Pulled pump, tested pump, motor and cable, found motor burned up, now
WO exchange pump and motor from Reda. - 62 BLO.
- 8/23 SANTA FE PACIFIC #3, 12,263 TD, 12,232 PBTD.
Ran new pump and started well to pumping.
P 43 BLO and est 3200 BFW/19 hrs. - 19 BLO.
- 8/24 SANTA FE PACIFIC #3, 12,263 TD, 12,232 PBTD.
P 19 BLO + 21 BNO + est 3000 BSW/24 hrs.
- 8/25 P 43 BNO + 3096 BSW/24 hrs.
- 8/26 No test - pumping out test tanks.
- 8/27 SANTA FE PACIFIC #3, 12,263 TD, 12,232 PBTD.
No test - pumping out test tanks.
- 8/29 SANTA FE PACIFIC #3, 12,263 TD, 12,232 PBTD.
P 20 BNO + est 3100 BSW/24 hrs.
- 8/30 SANTA FE PACIFIC #3, 12,263 TD, 12,232 PBTD.
Pumping to battery - no test.
- 9/3 SANTA FE PACIFIC #3, 12,263 TD, 12,232 PBTD.
P 95 BNO + est 9600 BSW/72 hrs.
- 9/4 SANTA FE PACIFIC #3, 12,263 TD, 12,232 PBTD.
No test.
- 9/5 SANTA FE PACIFIC #3, 12,263 TD, 12,232 PBTD.
P 15 BNO + 3120 BSW/24 hrs.
- 9/13/68 SANTA FE PACIFIC #3, 12,263 TD, 12,232 PBTD.
P 43 BNO + 3024 BSW/24 hrs.
Before W/O: P 53 BNO + 4000 BSWPD. Complete.
FINAL REPORT.

NO. OF COPIES RECEIVED		
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FILE		
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LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. Unit Agreement Name
2. Name of Operator Mobil Oil Corporation		8. Farm or Lease Name Santa Fe Pacific
3. Address of Operator P. O. Box 633, Midland, Texas 79701		9. Well No. 3
4. Location of Well UNIT LETTER M 660 FEET FROM THE West LINE AND 660 FEET FROM THE South LINE, SECTION 26 TOWNSHIP 9-S RANGE 36-E NMPM.		10. Field and Pool, or Wildcat Crossroads Siluro Devonian
15. Elevation (Show whether DF, RT, GR, etc.)		12. County Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input checked="" type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

- Run a casing scraper and clean out the well to TD of 12,263'.
- Run a Gamma Ray-Neutron Log from TD through the minimum logging interval.
- Squeeze the Devonian open hole section (12,240' - 12,263' -23') with Trinity Inferno neat cement. Attempt to obtain a PBTD of approximately 12,235'.
- Spot 500 gals of 15%, non-emulsion, HCl acid in the bottom of the well. Perforate the Devonian formation with 2 jet shots per foot over the intervals selected from the log. Perforating should be done using a 5" retrievable gun with charges capable of obtaining a minimum hole size of 0.5" and a minimum penetration of 8.0", based on standard testing procedures.
- Acidize the Devonian perforations with 1,000 gals of 15%, non-emulsion, HCl acid. Treat at 3 to 5 bbls/min.
- Swab, clean up, and test the well.
- Return the well to production.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED <u>W. M. Rangan</u>	TITLE <u>Authorized Agent</u>	DATE <u>8-5-68</u>
APPROVED BY <u>W. M. Rangan</u>	TITLE	DATE
CONDITIONS OF APPROVAL, IF ANY:		

NUMBER OF COPIES RECEIVED	
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FILE	
U.S.G.S	
LAND OFFICE	
TRANSPORTER	OIL GAS
PRODUCTION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

FORM C-110
 (Rev. 7-60)

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

Company or Operator Socony Mobil Oil Company, Inc.				Lease No. 10 04		Well No. 3	
Unit Letter M	Section 26	Township 9S	Range 36E	County Lea			
Pool Crossroads Devonian				Kind of Lease (State, Fed, Fee) Fee			
If well produces oil or condensate give location of tanks			Unit Letter SW/4	Section 23	Township 9S	Range 36E	
Authorized transporter of oil <input checked="" type="checkbox"/> or condensate <input type="checkbox"/> Magnolia Pipe Line Company				Address (give address to which approved copy of this form is to be sent) Box 900, Dallas 21, Texas			
Is Gas Actually Connected? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>							
Authorized transporter of casing head gas <input type="checkbox"/> or dry gas <input type="checkbox"/>			Date Connected	Address (give address to which approved copy of this form is to be sent)			

If gas is not being sold, give reasons and also explain its present disposition:

None available

REASON(S) FOR FILING (please check proper box)

New Well <input type="checkbox"/>	Change in Ownership <input type="checkbox"/>
Change in Transporter (check one)	Other (explain below) <input checked="" type="checkbox"/>
Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>	
Casing head gas <input type="checkbox"/> Condensate <input type="checkbox"/>	

Remarks: **This C-110 filed to change lease name and well number for purpose of consolidation effective January 1, 1963.**

Old lease name: Santa Fe Pac "C", Well #1

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the **28th** day of **January**, 19 **63**.

OIL CONSERVATION COMMISSION

Approved by

Title

Date

By

Title

Group Supervisor

Company

Socony Mobil Oil Company, Inc.

Address

Box 2406, Hobbs, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-110
Revised 7/1/55

(File the original and 4 copies with the appropriate office)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Socony Mobil Oil Company, Inc. Lease Santa Fe Pac "C"
Well No. 1 Unit Letter M S 26 T 9S R 36E Pool Crossroads
County Lea Kind of Lease (State, Fed. or Patented) Patented
If well produces oil or condensate, give location of tanks: Unit SW/4S 26 T 9S R 36E
Authorized Transporter of Oil or Condensate Magnolia Pipe Line Company
Address Box 511, Brownfield, Texas
(Give address to which approved copy of this form is to be sent)
Authorized Transporter of Gas _____
Address _____ Date Connected _____
(Give address to which approved copy of this form is to be sent)
If Gas is not being sold, give reasons and also explain its present disposition:
GOR to small to measure - Flared

Reasons for Filing: (Please check proper box) New Well ()
Change in Transporter of (Check One): Oil () Dry Gas () C'head () Condensate ()
Change in Ownership () Other (X)
Remarks: _____
(Give explanation below)

Change name of Operator from Magnolia Petroleum Company
Effective October 1, 1959.

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 1st day of October 19 59

Approved OCT 21 1959 19

OIL CONSERVATION COMMISSION

By [Signature]
Title Engineer District I

By [Signature]
Title District Superintendent

Company Socony Mobil Oil Company, Inc.

Address Box 2406
Hobbs, New Mexico

DUPLICATE

NE

MEXICO OIL CONSERVATION COM

ION

SANTA FE, NEW MEXICO

MISCELLANEOUS NOTICES

RECEIVED

SEP 17 1951

OIL CONSERVATION COMMISSION
HOBBBS OFFICE

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any conditions considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF		NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL		Notice of intention to transfer crude oil to be used for drilling fluid, not recoverable.	X

Kermit, Texas

Place

September 14, 1951

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico

Gentlemen:

Following is a notice of intention to do certain work as described below at the

Magnolia Petroleum Company's Santa Fe Pacific "C" Well No. 1 in SW/4
Company or Operator Lease
of Sec. 26, T. 9-S, R. 36-E, N. M. P. M. Crossroads Field.
County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Transport 500 barrels crude oil to the Santa Fe Pacific "B" #1 located in the NW/4 Sec. 26, Township 9-S, Range 36-E, Lea County, New Mexico. To be used for Drilling fluid, not recoverable.

Approved _____, 19____
except at follows: SEP 17 1951

Magnolia Petroleum Company
Company or Operator

By E. H. Blundell

Position District Superintendent
Send communications regarding well to

Name Magnolia Petroleum Company

Address Box 727

Kermit, Texas

OIL CONSERVATION COMMISSION,

By Roy Garbary

Title Oil & Gas Inspector

**OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO**

CERTIFICATE of COMPLIANCE and AUTHORIZATION to TRANSPORT OIL

Company or Operator Magnolia Petroleum Company Lease Santa Fe Pacific "C"
 Address Box 727, Kermit, Texas Box 900, Dallas, Texas
 (Local or Field Office) (Principal Place of Business)
 Unit M Wells No. 1 Sec. 26 T 9-S R 36-E Field Crossroads County Lea
 Kind of Lease Privately Owned Location of Tanks SW/4 SW/4
 Transporter Magnolia Pipe Line Company Address of Transporter Box 511, Brownfield, Texas
 (Local or Field Office)
Box 900, Dallas, Texas Percent of oil to be transported 100. Other transporters author-
 (Principal Place of Business) ized to transport oil from this unit are None %
 REMARKS:

Change in gatherer, effective September 1, 1949.

The undersigned certifies that the rules and regulations of the Oil Conservation Commission have been complied with except as noted above and that gathering agent is authorized to transport the percentage of oil produced from the above described property and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Oil Conservation Commission of New Mexico.

Executed this the 5th day of October, 194 9

Magnolia Petroleum Company
 (Company or Operator)
 By [Signature]
 Title District Superintendent

State of Texas
 County of Winkler } ss.

Before me, the undersigned authority, on this day personally appeared Malcolm Keeble known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is authorized to make this report and has knowledge of the facts stated herein and that said report is true and correct.

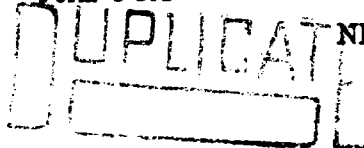
Subscribed and sworn to before me, this the 5th day of October, 194 9

Notary Public in and for Winkler County, Texas

Approved: Oct-6- 194 9

OIL CONSERVATION COMMISSION
 By Ray O. Yarrborough

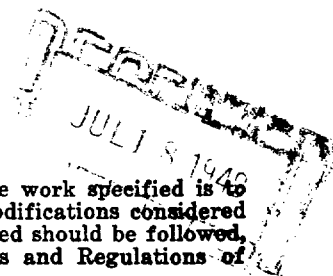
(See Instructions on Reverse Side)



NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

MISCELLANEOUS NOTICES



Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF		NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL		NOTICE OF INTENTION TO TRANSPORT CRUDE OIL FOR CIRCULATING PURPOSES	<input checked="" type="checkbox"/>

Kermit, Texas

WHILE TESTING

July 14, 1949

Place

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intention to do certain work as described below at the _____
Magnolia Petroleum Company Santa Fe Pacific "C" Well No. 1 in SW/4
 Company or Operator Lease
 of Sec. 26, T. 9-S, R. 36-E, N. M. P. M., Crossroads Field.
Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Transport 400 bbls. of crude oil to the Magnolia's Santa Fe Pacific "B" #1 located in the SW/4 of Sec. 28, T 9-S, R. 36-E, Lea County, New Mexico, to be used for circulating purposes while testing.

Approved _____, 1949, 19.
 except as follows:

OIL CONSERVATION COMMISSION,
 By [Signature]
 Title Director

Magnolia Petroleum Company
 Company or Operator
 By [Signature]
 Position District Superintendent
 Send communications regarding well to
 Name Magnolia Petroleum Company
 Address Box 727
Kermit, Texas

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

MISCELLANEOUS NOTICES

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF		NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL		NOTICE OF INTENTION TO TRANSPORT CRUDE OIL FOR CIRCULATING PURPOSES	X

Kermit, Texas WHILE COMPLETING May 24, 1949
 Place Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intention to do certain work as described below at the _____
Magnolia Petroleum Company Santa Fe Pacific #C# Well No. 1 in SW/4
 Company or Operator Lease
 of Sec. 26, T. 9-S, R. 36-E, N. M. P. M., Crossroads Field.
Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Transport 500 bbls. of crude oil to the Magnolia's Cox-Federal #1 located in the SW/4 of Sec. 1, T. 9-S, R. 36-E, Lea County, New Mexico to be used for circulating purposes while completing.

Approved MAY 25 1949, 19____
 except as follows:

Magnolia Petroleum Company
 Company or Operator

By W. A. Schell

Position District Superintendent
 Send communications regarding well to

Name Magnolia Petroleum Company

Address Box 727

Kermit, Texas

OIL CONSERVATION COMMISSION

By Ray G. H. H. H.
 Title Oil & Gas Inspector

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

MISCELLANEOUS NOTICES

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF		NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL		Notice To Transport Crude Oil For For Circulating Purposes while Completing.	X

Kermit, Texas Place May 5, 1949 Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intention to do certain work as described below at the _____
Magnolia Petroleum Company Santa Fe Pacific #C1 Well No. 1 in SW/4
 Company or Operator Lease
 of Sec. 26, T. 9-S, R. 36-E, N. M. P. M., Crosroads Field.
Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Transport 500 bbls. of crude oil to the Magnolia's T. Betenbough #1 located in the SW/4 of Section 12, T-9-S, R, 35-E, Lea County, New Mexico, to be used for circulating purposes while drilling in and completing.

Approved _____ MAY 6 1949 19 _____
 except as follows:

Magnolia Petroleum Company
 Company or Operator

By _____
 Original Signed By
 MALCOLM _____

Position District Superintendent
 Send communications regarding well to

Name Magnolia Petroleum Company

Address Box 727

Kermit, Texas

OIL CONSERVATION COMMISSION,
 By Ray Yorkbrough
 Title _____

CORRECTING TOTAL DEPTH

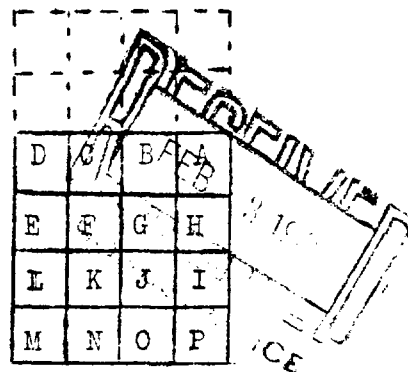
Place Kernit, Texas

Date February 1, 1949

Glen Staley
Proration Office
Hobbs, New Mexico

Designate UNIT well is located in

POOL Crossroads



NOTICE OF COMPLETION OF: (Lease) Santa Fe Pacific "C" Well No. 1
660 feet from West line: 330 feet from South line;
Section 26 Township 9-S Range 36-E

DATE STARTED _____
DATE COMPLETED _____
ELEVATION _____
TOTAL DEPTH S. D. 12,263
CABLE TOOLS _____ ROTARY TOOLS _____

CASING RECORD

SIZE _____	DEPTH _____	SAX CEMENT _____
SIZE _____	DEPTH _____	SAX CEMENT _____
SIZE _____	DEPTH _____	SAX CEMENT _____

TUBING RECORD

SIZE _____ DEPTH _____

ACID RECORD

NO. GALS. _____
NO. GALS. _____
NO. GALS. _____

SHOT RECORD

NO. QTS. _____
NO. QTS. _____
NO. QTS. _____

FORMATION TOPS

Anhydrite _____
Top Salt _____
Base Salt _____
Red Sand _____
Brown Lime _____
White Lime _____
OIL or GAS PAY _____
Water _____

Initial Production Test _____ Pumping _____ Flowing _____
Test After Acid or Shot _____

Initial GAS VOLUME _____

SCHEDULE NO. _____ DATE _____

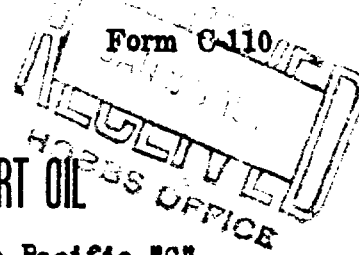
PIPE LINE TAKING OIL _____

REMARKS _____ COMPANY Magnolia Petroleum Company

_____ SIGNED BY: Walter H. H. H.

OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO

CERTIFICATE of COMPLIANCE and AUTHORIZATION to TRANSPORT OIL



Company or Operator Magnolia Petroleum Company Lease Santa Fe Pacific "C"
Address Box 727, Kermit, Texas Box 900, Dallas, Texas
(Local or Field Office) (Principal Place of Business)
Unit M Wells No. 1 Sec. 26 T. 9-S R. 36-E Field Crossroads County Lea
Kind of Lease Privately owned Location of Tanks SW/4 Sec. 26
Transporter Magnolia Petroleum Company Address of Transporter Box 511, Brownfield, Texas
(Local or Field Office)
Box 900, Dallas, Texas Percent of oil to be transported 100 Other transporters author-
(Principal Place of Business) ized to transport oil from this unit are None %
REMARKS: New well, original filing.

The undersigned certifies that the rules and regulations of the Oil Conservation Commission have been complied with except as noted above and that gathering agent is authorized to transport the percentage of oil produced from the above described property and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Oil Conservation Commission of New Mexico.

Executed this the 17th day of January, 194 9

Magnolia Petroleum Company
(Company or Operator)
By [Signature]
Title District Superintendent

State of Texas
County of Winkler } ss.

Before me, the undersigned authority, on this day personally appeared Malcolm Keeble known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is authorized to make this report and has knowledge of the facts stated herein and that said report is true and correct.

Subscribed and sworn to before me, this the 17th day of January, 194 9

Notary Public in and for _____ County, _____

Approved: Jan-28- 194 9

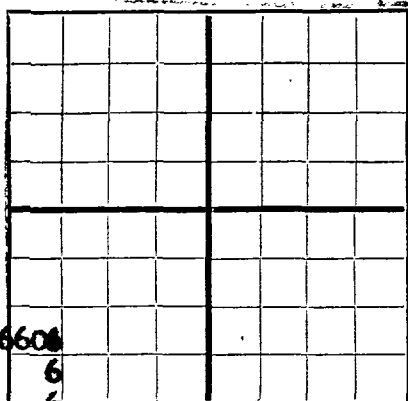
OIL CONSERVATION COMMISSION

By [Signature]

(See Instructions on Reverse Side)

FORM C-105

N



660

6

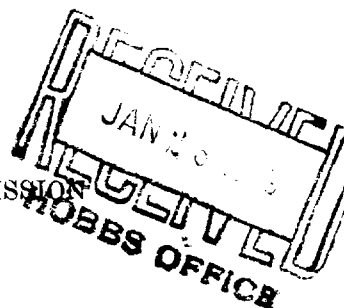
AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.



Magnolia Petroleum Company

Box 727, Kermit, Texas

Company or Operator

Santa Fe Pacific "C"

Well No. 1 Unf.

in SW/4

of Sec. 26

T. 9S

Lease

R. 36-E, N. M. P. M. Crossroads Field, Lea County.

Well is 660 feet north of the south line and 660 feet west of the east line of Section 26

If State land the oil and gas lease is No. Assignment No.

If patented land the owner is Santa Fe Pacific Ry Company, Address Amarillo, Texas

If Government land the permittee is, Address

The Lessee is Magnolia Petroleum Company, Address Box 727, Kermit, Texas

Drilling commenced May 29 1948 Drilling was completed December 23 1948

Name of drilling contractor Black Drilling Company, Address Midland, Texas

Elevation above sea level at top of casing 4030 feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 12240 to 12263 No. 4, from to

No. 2, from to No. 5, from to

No. 3, from to No. 6, from to

IMPORTANT WATER SANDS none logged

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
13-3/8	48#	8-RT	Sals.	320	Halliburton				Surface
9-5/8	40#	8-RT	N-80						
9-5/8	36#	8-RT	N-80						
9-5/8	40#	8-RT	J-55	6198	Halliburton				Intermediate
7"	32#	Speedfit	N-80						
7"	28#	8-RT	N-80	12240					Oil String
2"	4.7#	8RT	N-80	12263					
2"	4.7#	8-RT	J-55SS						

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/2"	13-3/8"	320	300	Pump & plug		
12 1/4"	9-5/8"	6198	3000	Pump & plug		
8-3/4"	7"	12240	250 / 1500	Pump & plug		

Heaving plug—Material..... Length..... Depth Set.....
Adapters — Material..... Size.....

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		NONE USED				

Results of shooting or chemical treatment.....
.....
.....

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from 0 feet to 12263 feet, and from.....feet to.....feet
Cable tools were used from.....feet to.....feet, and from.....feet to.....feet

PRODUCTION

Put to producing January 11, 19 49
The production of the first 24 hours was 328 barrels of fluid of which 100 % was oil; 0 %
emulsion; 0 % water; and 0 % sediment. Gravity, Be. 44.4 @ 60°
If gas well, cu. ft. per 24 hours..... Gallons gasoline per 1,000 cu. ft. of gas.....
Rock pressure, lbs. per sq. in.....

EMPLOYEES

....., Driller....., Driller
....., Driller....., Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 25th

Kernit, Texas January 25, 1949
Place Date

day of January 19 49

Name Malcolm Steele

Position Dist. Supt.

Representing Magnolia Petroleum Company
Company or Operator

Address Box 727, Kernit, Texas

My Commission expires June 1, 1949

Notary Public

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
7542	7595	53	Anhydrite and lime
7595	7707	112	Lime 1/2° e 7660.
7707	7720	13	Lime, anhydrite & gyp
7720	7744	24	Lime and gyp
7744	7750	6	Red shale
7750	7789	39	Red and blue shale
7789	7820	31	Blue shale
7820	7854	34	Shale
7854	7870	16	Lime and shale
7870	8095	225	Shale and gyp 1-1/4° e 8000'.
8095	8134	39	Shale
8134	8220	86	Shale and lime 1-1/2° e 8160.
8220	8222	2	Shale
8222	8247	25	Shale and lime
8247	8280	33	Shale
8280	8300	20	Shale and lime
8300	8310	10	No formation logged 1-1/2° e 8305.
8310	8695	385	Shale and lime 1-1/4° e 8600.
8695	8714	19	Brown lime
8714	9330	616	Lime 3/4° e 8995, 1/2° e 9255, 1/2° e 9285.
9330	9349	19	Lime and shale
9349	10085	736	Lime 1° e 9475, Straight e 9780', Straight e 9930, 1° e 10080.
10085	10095	10	Lime and shale
10095	10200	105	Lime
10200	10300	100	Lime and shale 3/4° e 10250
10300	10480	180	Lime 1° e 10365.
10480	10510	30	Lime and shale
10510	10517	7	Lime
10517	10655	138	Lime and shale Straight e 10600
10655	11013	358	Lime 3/4° e 10700, 1° e 10755, St. e 10805, 1/2° e 10890, 1/4° e 10965.
11013	11033	20	Lime and shale
11033	11097	64	Lime 1/2° e 11035, 1/2° e 11080.
11097	11112	15	Shale and lime
11112	11344	232	Lime 1/2° e 11120, 1/2° e 11160, 1/2° e 11200, 1/2° e 11225, 3/4° e 11260, 1/2° e 11305.
11344	11364	20	Lime and shale
11364	11444	80	Lime 1/2° e 11365, 1/2° e 11420.
11444	11487	43	Lime and shale 1/4° e 11485.
11487	11573	86	Lime 1/4° e 11530.
11573	11602	29	Lime and shale 1/2° e 11585.
11602	11630	28	Lime 1/2° e 11625.
11630	11660	30	Lime and shale
11660	11666	6	Lime and chert
11666	11670	4	No formation logged
11670	11720	50	Lime 1° e 11695, 1/4° e 11720.
11720	11722	2	Chert and lime
11722	11755	33	Lime 1° e 11745.
11755	11777	22	Lime and chert 1° e 11765,
11777	11785	8	Lime
11785	11788	3	No formation logged
11788	11813	25	Lime and chert 1-3/4° e 11800
11813	11820	7	Chert 2° e 11820
11820	11827	7	Lime and chert
11827	11832	5	Chert
11832	11837	5	Lime and chert 2-1/4° e 11832.
11837	11848	11	Lime, dolomite and chert shells
11848	11882	34	Lime 2° e 11850
11882	11891	9	Lime and chert 2-1/2° e 11885.
11891	11910	19	Lime 1-3/4° e 11900
11910	11939	29	Lime and chert 2-1/4° e 11930
11939	11944	5	Lime Straight e 11940
11944	11949	5	No formation logged
11949	11956	7	Lime and chert

11956	11980	24	Line	1-3/4" @ 11970.
11950	12071	91	Line and shale	1-3/4" @ 11975.
12071	12082	11	Line	2" @ 12070.
12082	12101	19	Line and chert	
12101	12110	9	Line	
12110	12136	26	Line and shale	
12136	12141	5	Line, shale & sand	2-1/2" @ 12140.
12141	12202	61	Line and shale	
12202	12226	24	Line	Pen. top Devonian 12210'.
12226	12244	18	Dolomite, lime & shale	
12191	12244	53	Drill Stem Test	2 packers 5/8" BHC & 1" SC, 3000' WC tool opened 19 mins. Weak blow air 5 mins & died, tool re-opened 18 mins. weak blow air 8 mins. & died, Rec. 3000' WC 60' drlg. mud SFP 0#, BHP 1300#, 15 min. S-I BHP 1400# Hy Rd 6800#.
12244	12259	15	Dolomite and lime	
12259	12263	4	Dolomite, lime & chert - Lost circ.	
	12263		TOTAL DEPTH	
12263	12257	6	25 sac cement	WOC 6 hrs.
12257	12253 1/2	3 1/2	25 sac cement	WOC 6 hrs.
12253 1/2	11929	324 1/2	25 sac cement	
	12240		Drilled out cement	
	12240		Halliburton Ran	
			Caliper survey	12-1/2" at 8400'.
	12240		Ran Schlumberger	
				<u>Ran 7" OD casg. @ 12240' w/ Mult plex collar @ 1224 250 sac below collar WOC 6 hrs. 1500 sac thru the collar.</u>
				Float shoe @ 12242.62. Float collar @ 12208.60, 12175.79. Metal Petal Baskets @ 11071.13, 11040.56. Baffle collar @ 10993.15, Centralizers @ 12237.62, 11827.99, 11456.69, 11113.04, 11051.13, 11029.56, 11019.56, 10988.15, 10503.35, 10005.42, 9498.129008.87, 8512.53, 8027.29, 7529.44, 7049.22, 6554.31, 6243.48, & 6181.28.
5100	10880	6780	Halliburton Ran	
			Temp. Survey	Approx. top cement 6390'.
			Tested 7" OD casg. before drilling out cement	
			2000# 30 mins. no break, Drilled past Multiplex	
			collar 2000# 30 mins., no break.	
				<u>2" tubing @ 12263.</u>
	12263		Drilled out cement	
NM OCC Pot.	Test: Flowed 379.3 bbls. fluid (328 oil) 24 hrs. 10/64" choke. TP 300-300#,			
	GP 650-650#, GOR 7.7/1, Gravity 44.4 @ 60°, Avg. 13.6% mud (drig.)			

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	12.50	12.50	From top of rotary drive bushing to top of 9-5/8" OD casing.
12.50	101	88.50	Sand and shale
101	350	249	Sand and shells Reamed 12 1/4" hole to 17 1/4" hole.
			<u>Set 13-3/8" OD casing @ 320'</u> <u>w/300 sax. cement. Circ.</u>
276	310	34	Drilled out cement
350	410	60	Red bed
410	1096	686	Red bed & shells 3/4" @ 500, 1/2" @ 1000'.
1096	1200	104	Red bed & shale
1200	1260	60	Red rock
1260	1815	555	Red bed & shells 1" @ 1500.
1815	1945	130	Shale and shells
1945	2090	145	Red bed and shale
2090	2195	105	Red bed and shells
2195	2220	25	Shale & red bed 1" @ 2195.
2220	2280	60	No formation logged
2280	2450	170	Anhydrite and salt
2450	2505	55	Salt, anhydrite & shells
2505	2841	336	Anhydrite and salt
2841	2901	60	Anhydrite
2901	3143	242	Anhydrite and shale
3143	3226	83	Salt, anhydrite shells
3226	3285	59	No formation logged
3285	3385	100	Shale and shells 3/4" @ 3285.
3385	3535	150	Anhydrite
3535	3585	50	Anhydrite and shale
3585	3803	218	Anhydrite 3/4" @ 3640.
3803	3907	104	Anhydrite and shale
3907	4075	168	Anhydrite
4075	4119	44	Anhydrite and lime 1/2" @ 4075.
4119	4145	26	Lime
4145	4179	34	Lime and anhydrite
4179	4353	174	Lime
4353	4370	17	No formation logged
4370	4383	13	Anhydrite and lime
4383	4810	427	Lime 1/4" @ 4500, 1/2" @ 4700, 1/2" @ 4787.
4810	4827	17	Cored Rec. 17' 4810-4813 dark gray finely crystalline dolomite no shows, 4813-4814 dark gray finely crystalline dolomite w/ light stain pin point porosity 4814-4826 medium crystalline dolomitic gray w/ anhydritic inclusions no shows, 4826-4827 with pin point porosity bleeding oil, fractured dolomite.
4827	4828	1	Cored Rec. 1' dolomite w/ pin point porosity bleeding oil, fractured dolomite.
4828	4837	9	Cored Rec. 3' dark gray finely crystalline dolomite bleeding oil, pin point porosity, slightly fractured.
4837	4852	15	Cored Rec. 10' dark gray finely crystalline dolomite bleeding oil, 4'7" fractured w/oil on fractured planes and white crystalline dolomite on fracture planes.
4852	4868	16	Cored 15' Rec. top 13' gray finely crystalline dolomite, pin point porosity bleeding oil, good odor, slightly fractured, bottom 2' gray dense and finely

				crystalline dolomite no shows, some anhydrite inclusions.
4868	4870	2	Line	
4870	4896	26	Cored	Rec. 26' dark gray fractured dolomite anhydrite inclusions bleeding oil, pin point poro- sity, slightly fractured to 4885, from 4885-4896 fractured w/oil on fractured planes.
4896	4919	23	Cored	Rec. 3' dark gray finely cry- stalline dolomite w/pin point porosity bleeding oil from fractures and pin point poro- sity 1' w/ anhydrite inclusions. No recovery.
4919	4923	4	Cored	
4923	4924	1	No formation logged	
4924	4938	14	Cored	Rec. 5' dark gray dolomite, slight pin point porosity and fractures bleeding slightly from pores and fractures, anhydrite inclusions, bottom 1' w/sulphur water odor.
4938	4988	50	Line	
4988	4990	2	No formation logged	
4990	5095	105	Line	
5095	5155	60	No formation logged	3/4" @ 5095.
5155	6200	1045	Line	1" @ 5438.
				<u>Set 9-5/8" OD casg. @ 6198' w/ 1000 sax. Float collar at 6165.67, Centralizers at 6190.07, 6145.54, 6082.51, 2016082, 523.87</u>
978	6155	5177	Halliburton Ram Temperature survey	Top cement 2670'.
	2660		Halliburton Perf. 9-5/8" OD casg.	w/2 holes (1/2) 1000 sax thru perf.
600	2550	1950	Halliburton Ram Temp. survey	Approx. top cement, 1810'.
6200	6232	32	No formation logged	
6232	7542	1310	Line	1-3/4" @ 6550, 1-1/2" @ 6945, 1" @ 7150, 1" @ 7300.

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF	<input checked="" type="checkbox"/>	REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

January 5, 1949

Date

Kermit, Texas

Place

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO
Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the _____

Magnolia Petroleum Company Santa Fe Pacific "C" Well No. 1 in the
Company or Operator Lease
SW/4 of Sec. 26, T. 9-S, R. 36-E, N. M. P. M.,
Wildcat Field, Lea County.

The dates of this work were as follows: _____

Notice of intention to do the work was (was not) submitted on Form C-102 on _____ 19____

and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

7" OD casg. at 12240, multiplex collar at 11040, 250 sax below the collar, 1500 sax thru the collar. Casg. tested before plug drilled with 2000#, no break 30 min. Cement drilled out past multiplex collar, casg. tested with 2000#, no break for 30 min. Cement drilled out to bottom of casg. tested with 2000#, no break 30 min.

Witnessed by J. J. Brosenham Magnolia Petroleum Company Asst. Dist. Supt.
Name Company Title

Subscribed and sworn before me this _____

I hereby swear or affirm that the information given above is true and correct.

5th day of January, 1949Name J. J. BrosenhamPosition Assistant District SuperintendentRepresenting Magnolia Petroleum Company
Company or Operator

Notary Public

My commission expires June 1, 1949Address Box 727, Kermit, Texas

Remarks:

Roy Yankough
Name
Title

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

MISCELLANEOUS NOTICES

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF	<input checked="" type="checkbox"/>	NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL			

Kermit, TexasJanuary 4, 1949

Place

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intention to do certain work as described below at the _____
Magnolia Petroleum Company Santa Fe Pacific "C" Well No. 1 in SW/4
 Company or Operator Lease
 of Sec. 26, T. 9-S, R. 36-E, N. M. P. M., Wildcat Field.
Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

7" OD casg. set at 12240, Multiplex collar at 11040, 250 sax below the collar,
 WOC 6 hrs., 1500 sax thru multiplex collar. Will test job for casing shut-off
 before and after drilling plug.

Approved _____, 19____
 except as follows:

Magnolia Petroleum Company
 Company or Operator

By Malcolm Kuehl

Position District Superintendent
 Send communications regarding well to

Name Magnolia Petroleum Company

Address Box 727, Kermit, Texas

OIL CONSERVATION COMMISSION,

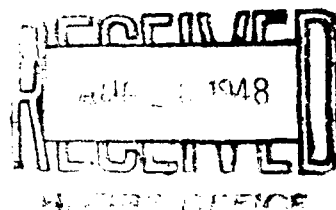
By Ray

Title _____

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS



Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF	<input checked="" type="checkbox"/>	REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

August 18, 1948

Kermit, Texas

Date

Place

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO
Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the _____
Magnolia Petroleum Company Santa Fe Pacific "C" Well No. 1 in the _____
Company or Operator Lease
SW/4 of Sec. 26, T. 9-S, R. 36-E, N. M. P. M.,
Wildcat (Crossroads Area) Field, Lea County.

The dates of this work were as follows: _____

Notice of intention to do the work was (~~was not~~) submitted on Form C-102 on _____ 19____
 and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

9-5/8" OD casing tested for shut-off 1000 pounds slush pump pressure, no break in pressure for 30 minutes.

Witnessed by Malcolm Keeble Magnolia Petroleum Company Dist. Supt.
 Name Company Title
 Subscribed and sworn before me this _____
18th day of August 19 48 I hereby swear or affirm that the information given above is true and correct.
Malcolm Keeble
 Name Dist. Supt.
 Position
 Representing Magnolia Petroleum Company
 Company or Operator
 My commission expires June 1, 1949 Address Box 727, Kermit, Texas

Remarks: This pipe was set at 1175 depth 3000 feet cement

APPROVED

AUG 20 1948

Date

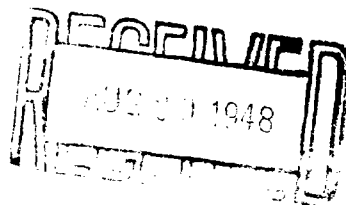
Barry J. Hough
 Name
Oil & Gas Inspector
 Title

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

MISCELLANEOUS REPORTS ON WELLS



Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF	X	REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

August 18, 1948

Kermit, Texas

Date

Place

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO
Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the _____
Magnolia Petroleum Company Santa Fe Pacific "C" Well No. 1 in the _____
 _____ Company or Operator _____ Lease _____
SW/4 of Sec. 26, T. 9-S, R. 36-E, N. M. P. M.,
Wildcat (Crossroads Area) Field, Lea County.

The dates of this work were as follows: _____

Notice of intention to do the work was (~~was not~~) submitted on Form C-102 on _____ 19____
 and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

13-3/8" OD casing tested for shut-off by bailing o.k.

Witnessed by Malcolm Keeble Magnolia Petroleum Company Dist. Supt.
 _____ Name _____ Company _____ Title _____
 Subscribed and sworn before me this _____
18th day of August 1948
[Signature]
 _____ Notary Public
 I hereby swear or affirm that the information given above is true and correct.
 Name Malcolm Keeble
 Position Dist. Supt.
 Representing Magnolia Petroleum Company
 _____ Company or Operator _____
 My commission expires June 1, 1949 Address Box 727, Kermit, Texas

Remarks: _____

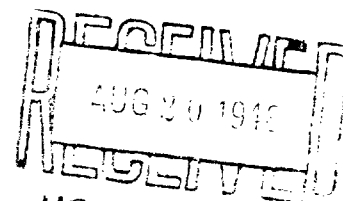
[Signature]
 _____ Name _____
 _____ Title _____

APPROVED
 AUG 20 1948
 Date _____

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

MISCELLANEOUS NOTICES



Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF	<input checked="" type="checkbox"/>	NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL			

Kermit, Texas

August 18, 1948

Place

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intention to do certain work as described below at the _____
 Magnolia Petroleum Company Santa Fe Pacific "C" Well No. 1 in SW/4
 Company or Operator
 of Sec. 26, T. 9-S, R. 36-E, N. M. P. M., Wildcat (Crossroads Area) Field.
 Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Set 13-3/8" OD casing @ 320' w/300 sax cement, cement circulated; job complete 5:50 P.M. May 31, 1948. Casing will be tested for shut-off before plug is drilled.

Approved _____, 19____
 except as follows:

Magnolia Petroleum Company
 Company or Operator
 By _____
 Position Dist. Supt.
 Send communications regarding well to
 Name Magnolia Petroleum Company
 Address Box 727
 Kermit, Texas

OIL CONSERVATION COMMISSION,
 By _____
 Title OIL & GAS INSPECTOR

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

MISCELLANEOUS NOTICES

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified herein begins. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF	<input checked="" type="checkbox"/>	NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL			

Kermit, Texas

Place

August 16, 1948

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intention to do certain work as described below at the _____

Magnolia Petroleum Company

Santa Fe Pacific "C"

Well No. 1 in SW/4

Company or Operator

Lease

of Sec. 26, T. 9-S, R. 36-E, N. M. P. M., Wildcat Field

Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Set 9-5/8" OD casing @ 6198' w/3000 sax; job complete 4:30 P.M., August 13, 1948. Will test casing shut-off before plug is drilled.

AUG 16 1948

Approved _____, 19____
except as follows:

MAGNOLIA PETROLEUM COMPANY

Company or Operator

By M. A. SchulerPosition Dist. Supt.

Send communications regarding well to

Name Magnolia Petroleum CompanyAddress Box 727, Kermit, Texas

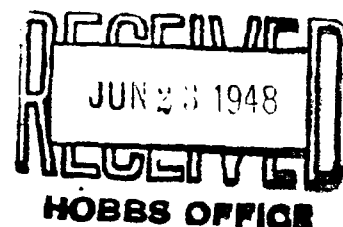
OIL CONSERVATION COMMISSION,

By Ray [Signature]Title Oil & Gas Inspector

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

MISCELLANEOUS NOTICES



Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF		NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL		Notice of intention to transfer crude to loosen stuck drill pipe	X

Kermit, Texas

Place

June 22, 1948

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intention to do certain work as described below at the

Magnolia Petroleum Company's Santa Fe Pacific "C" Unf. Well No. 1 in SW/4
Company or Operator Lease
of Sec. 26, T. 9-S, R. 36-E, N. M. P. M., Wildcat (Crossroads Area) Field.
Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

To transport 67.53 bbls. crude petroleum from Magnolia's E. O. Carson Wells #1-3-12 located in the SW/4, Section 28, 21-S, 37-E, Drinkard Field, Lea County, New Mexico to the above described wildcat well to be used to loosen stuck drill pipe.

Approved JUN 23 1948, 19____
except as follows:

OIL CONSERVATION COMMISSION,
By Roy Yankrough
Title

Magnolia Petroleum Company
Company or Operator
By [Signature]
Position District Superintendent
Send communications regarding well to
Name Magnolia Petroleum Company
Address Box 727, Kermit, Texas

COIL CONSERVATION COMMISSION **MISCELLANEOUS REPORTS ON WELLS**

Santa Fe, New Mexico

RECEIVED
 JUN 4 1948

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS	<input checked="" type="checkbox"/>	REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

Kermit, Texas

June 1, 1948

Date

Place

OIL CONSERVATION COMMISSION,
 SANTA FE, NEW MEXICO.

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the _____

Magnolia Petroleum Company's Santa Fe Pacific "C" Well No. 1 in the
 Company or Operator Lease
SW/4 of Sec. 26, T. 9-S, R. 36-E, N. M. P. M.,
Wildcat Field, Lea County.

The dates of this work were as follows: _____

Notice of intention to do the work ~~was~~ (was not) submitted on Form C-102 on _____ 19____

and approval of the proposed plan ~~was~~ (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Drilling commenced at 6:00 P. M. on May 29, 1948.

Derrick floor elevation unknown.

Witnessed by Dan B. Comfort Magnolia Petroleum Company Chief Clerk
~~COOBY STEPHENSON~~ ~~DIST. SUPER.~~
 Name Company Title
 Subscribed and sworn before me this _____ I hereby swear or affirm that the information given above is true and correct.
1st day of June, 1948 Name Dan B. Comfort
Notary Public Position Chief Clerk
Representing Magnolia Petroleum Company
Company or Operator
 My commission expires June 1, 1949 Address Box 727, Kermit, Texas

Remarks:

APPROVED

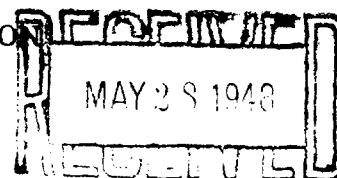
JUN 4 1948

Date

Roy Yorkbrough
 Name
Oil & Gas Inspector
 Title

Santa Fe, New Mexico

NOTICE OF INTENTION TO DRILL



Notice must be given to the Oil Conservation Commission or its proper agent and approval obtained before drilling begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in triplicate. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission.

Dallas 1, Texas

May 24

1948

Place

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico,

Gentlemen:

You are hereby notified that it is our intention to commence the drilling of a well to be known as

MAGNOLIA PETROLEUM COMPANY

Santa Fe Pacific

Well No. 1

in SW SW SW

Company or Operator

Lease

of Sec. 26, T. 9S, R. 36E, N. M. P. M., Wildcat Field, Lea County.

The well is 660' feet (N.) (X) of the South line and 660' feet (E.) (W.) of the West line of SW SW SW

(Give location from section or other legal subdivision lines. Cross out wrong directions.)

If state land the oil and gas lease is No. Assignment No.

If patented land the owner is Santa Fe Railway Company

Address Amarillo, Texas

If government land the permittee is

Address

The lessee is

Address

We propose to drill well with drilling equipment as follows:

Rotary tools.

The status of a bond for this well in conformance with Rule 39 of the General Rules and Regulations of the Commission is as follows: Financial Statement of Company filed with Commission and in first Judicial District of New Mexico

We propose to use the following strings of casing and to land or cement them as indicated:

Size of Hole	Size of Casing	Weight Per Foot	New or Second Hand	Depth	Landed or Cemented	Bars Cement
17-1/4"	13-3/8"	48#	New	325'	Cemented	325
12-1/4"	9-5/8"	40#	New	6200'	Cemented	2550
8-3/4"	7"	28#	New	12,500'	Cemented	1300

If changes in the above plan become advisable we will notify you before cementing or landing casing. We estimate that the first productive oil or gas sand should occur at a depth of about 12,500 feet.

Additional information:

Approved _____, 19____
except as follows:

Sincerely yours,

MAGNOLIA PETROLEUM COMPANY

Company or Operator

By _____

Position

Field Superintendent

Send communications regarding well to

Name M. Shaffer

Address Box 900 - Dallas 1, Texas

OIL CONSERVATION COMMISSION,

By _____

Title

OIL & GAS INSPECTOR

MAY 28 1948

Wildcat Field
Magnolia Petroleum Company
PRODUCING DEPARTMENT

Location made May 19th, 1940

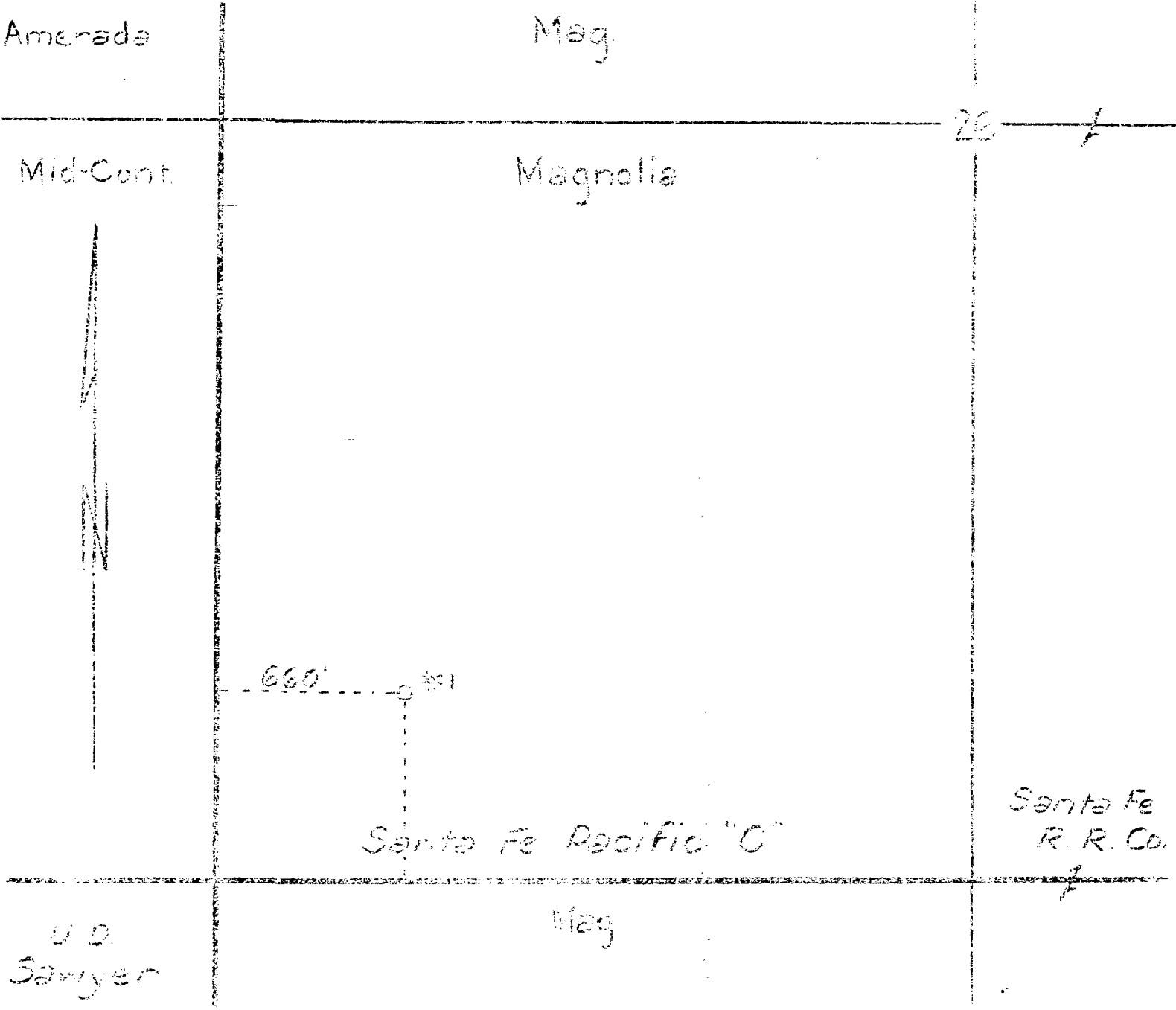
Santa Fe Pacific "C" Well No. 1

Lee District

Lease N/A-1223 acres 100 SW 1/4 - Sec 26, T 9 S, R 3 E { District
Township

Lee County, New Mexico

Scale 1" = 500' N S E W



Reserve None

Special instructions

Location changed on account of

Date work is commenced _____, 194_____ G. F. Steptunian Supt

Location approved by _____ Plat made by R. M. Brady