

To . Santa Fe Pacific Railroad Co .....  
550 W Texas, Suite 1330  
Midland, TX 79701



**From**

Donna Pitzer

5/14/96

**Energy & Minerals Department**

OIL CONSERVATION DIVISION

P O Box 1980

Hobbs NM 88241

**Telephone Number** (505) 393-6161

- |   |  |
|---|--|
| <input type="checkbox"/> <b>For Your Files</b>                        | <input type="checkbox"/> <b>Prepare a Reply for My Signature</b> |
| <input checked="" type="checkbox"/> <b>For Your Review and Return</b> | <input type="checkbox"/> <b>For Your Information</b>             |
| <input type="checkbox"/> <b>For Your Handling</b>                     | <input type="checkbox"/> <b>For Your Approval</b>                |
| <input type="checkbox"/> <b>As Per Your Request</b>                   | <input checked="" type="checkbox"/> <b>For Your Signature</b>    |
| <input type="checkbox"/> <b>Please Advise</b>                         | <input type="checkbox"/> <b>For Your Attention</b>               |

We are returning these C-104 for change of operator. Someone in your office needs to Sign in BOX 47. Also in reviewing our computer system, your company is not listed and show no bond for these wells. If you have any question on this, please call the number above. Thank you Donna.

BEFORE EXAMINER SIGNATURE	
OIL CONSERVATION DIVISION	
<u>OCD</u>	EXHIBIT NO. <u>1e</u>
CASE NO. <u>11901</u>	

District I  
 PO Box 1980, Hobbs, NM 88241-1980  
 District II  
 811 South First, Artesia, NM 88210  
 District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV  
 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals & Natural Resources Department

Form C-104  
 Revised October 18, 1994  
 Instructions on back  
 Submit to Appropriate District Office  
 5 Copies

OIL CONSERVATION DIVISION  
 2040 South Pacheco  
 Santa Fe, NM 87505

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator name and Address SantaFe Pacific Railroad Company 550 W. Texas, Suite 1330 Midland, TX 79701		OGRID Number
		Reason for Filing Code CH 9-11-95
API Number 30 - 0	Pool Name Crossroads Siluro Devonian	Pool Code 13490
Property Code 007863	Property Name Santa Fe Pacific	Well Number 005

II. Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
0	22	09S	36E		660	S	1880	E	Lea

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Lse Code	Producing Method Code	Gas Connection Date	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date
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III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description
015126	Mobil Pipeline Co. P.O. Box 2080 Dallas, TX 75021-2080	1919210	O	I 22 09S 36E Mobil Lease Oil
024650	Warren Petroleum Company P.O. Box 1588 Tulsa, OK 74142	1919230	G	I 22 09S 36E Mobil Lease Gas

IV. Produced Water

POD 1919250	POD ULSTR Location and Description I 22 09S 36E Lea County Mobil Lease Water
----------------	--

V. Well Completion Data

Spud Date	Ready Date	TD	PBTD	Perforations	DHC, DC, MC

Hole Size	Casing & Tubing Size	Depth Set	Sacks Cement

VI. Well Test Data

Date New Oil	Gas Delivery Date	Test Date	Test Length	Tbg. Pressure	Csg. Pressure

Choke Size	Oil	Water	Gas	AOF	Test Method

I hereby certify that the rules 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.

Signature: \_\_\_\_\_

Printed name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_ Phone: \_\_\_\_\_

<b>OIL CONSERVATION DIVISION</b>	
Approved by: _____	Title: _____
Approval Date: _____	

If this is a change of operator fill in the OGRID number and name of the previous operator

*Dennis R. Staal*  
 Previous Operator Signature  
 014726 Meteor Developments, Inc.

*DENNIS R. STAAL*  
 Printed Name

*Sec/Treas*  
 Title

*5-8-96*  
 Date

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

State of New Mexico  
 Energy, Minerals and Natural Resources Department

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

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

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

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

**REQUEST FOR ALLOWABLE AND AUTHORIZATION  
 TO TRANSPORT OIL AND NATURAL GAS**

**I.**

Operator <b>METEOR DEVELOPMENTS, INC.</b>	Well API No.
Address <b>511 16th Street, Suite 400, Denver, CO 80202</b>	
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	<b>Bordeaux Petroleum Co., 511 16th Street, Suite 400, Denver, CO 80202</b>

**II. DESCRIPTION OF WELL AND LEASE**

Lease Name <b>Santa Fe Pacific</b>	Well No. <b>5</b>	Pool Name, Including Formation <b>Crossroads Siluro Devonian</b>	Kind of Lease State, Federal or <u>Fee</u>	Lease No.
Location				
Unit Letter <b>0</b> : <b>660</b> Feet From The <b>S</b> Line and <b>1880</b> Feet From The <b>E</b> Line				
Section <b>22</b> Township <b>9 S</b> Range <b>36 E</b> , NMPM, <b>Lead</b> 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"/>	Address (Give address to which approved copy of this form is to be sent)
<b>Mobil Pipe Line Company</b>	<b>P.O. Box 900, Dallas, TX 75221</b>
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<b>Warren Petroleum Company</b>	<b>P.O. Box 1589, Tulsa OK 74102</b>
If well produces oil or liquids, give location of tanks.	Unit   Sec.   Twp.   Rge.   Is gas actually connected?   When?
	<b>M   23   9   36   Yes   March 20, 1973</b>

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			F.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
Flowing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

**I. 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  
 Date  
 303/572-1135  
 Telephone No.

**OIL CONSERVATION DIVISION**  
**JUL 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 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 wells.

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

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.
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Santa Fe Pacific
8. Well No. #15
9. Pool name or Wildcat Crossroad-Siluro Devonian

**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
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>0</u> : <u>660</u> Feet From The <u>South</u> Line and <u>1880</u> Feet From The <u>East</u> Line Section <u>22</u> Township <u>9-South</u> Range <u>36 East</u> NMPM <u>Lea</u> County
---

10. Elevation (Show whether DF, RKB, RT, GR, etc.) 4048 KB
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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 checked="" 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: <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.

3/16/90-Pulled Old submersible pump equipment. Serviced sub. equipment.

3/19/90 - R.I.H. w/2 7/8" tbg & S.N. & Press. tested tbg to 1000 psi-held ok.  
P.O.O.H. w/tbg.

3/22/90 - R.I.H. w/ 123 jts of 2 7/8" tbg & elec submersible pump. Pump intake @ 3893 ft.  
placed well on @ 4:00 pm. - 3/22/90

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-Eng. & Oper DATE 6/27/90

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 \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

JUL 02 1990

**OIL CONSERVATION DIVISION**

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

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

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

**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, CO 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**

Oil Producer(SI)

Lease Name SANTA FE PACIFIC	Well No. 5	Pool Name, including Formation CROSSROADS SILURO DEVONIAN	Kind of Lease State Minimum Fee	Lease No.
Location Unit Letter <u>0</u> : <u>660</u> Feet From The <u>South</u> Line and <u>1880</u> Feet From The <u>East</u> Line Section <u>22</u> Township <u>9-S</u> Range <u>36-E</u> , 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 Company	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 checked="" 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. Box 1589, Tulsa, OK 74102
If well produces oil or liquids, give location of tanks.	Unit   Sec.   Twp.   Rge.   Is gas actually connected?   When? N   23   9   36   Yes   March 20, 1973

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						
<b>TUBING, CASING AND CEMENTING RECORD</b>								
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 (puot, 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 Title Operations  
 Date 3/13/90 Telephone No. (303) 761-3707

**OIL CONSERVATION DIVISION**

**MAR 30 1990**

Date Approved \_\_\_\_\_

By \_\_\_\_\_

Orig. Signed by  
**Paul Kautz**  
 Geologist

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.
- 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.

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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

Form C-103  
Revised 10-1-78

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

5a. Indicate Type of Lease  
State  Fee

5. State Oil & Gas Lease No.  
N/A

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- 2. Name of Operator Meteor Developments, Inc. 3. Address of Operator 12842 Valley View St., Garden Grove CA 92645 4. Location of Well UNIT LETTER 0 660 FEET FROM THE South LINE AND 1880 FEET FROM THE East LINE, SECTION 22 TOWNSHIP 9-5 RANGE 36-E NMPM.	7. Unit Agreement Name None 8. Farm or Lease Name Santa Fe Pacific 9. Well No. 5 10. Field and Pool, or Wildcat Crossroads Siluro Devoni
15. Elevation (Show whether DF, RT, GR, etc.) 4,035 G.L.	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 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.

- 3-02-88 Well had down hole short. Discovered 3-02-88. Work-over: Rig up at 15:00. Shut Down.
- 3-03-88 R.O.O.H. w/96 joints of 2 7/8" tubing and Reda Assembly. Shut down.
- 3-04-88 RIH w/repared Reda Equipment. Rebuilt wellhead and energized well. Well hung-on. Crews rigged down and left site.
- 3-05-88 Well failed. Crews to site. Rigged up. R.O.O.H. w/96 joints 2 7/8" tubing and Reda Pump string. Faulty lift equipment removed. Shut down.
- 3-07-88 Replaced motors and pumps. RIH w/new Reda and tubing. Hung well on. Checked pump action. Rig down. Cleaned location.

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

SIGNED Jerry Sexton TITLE: Vice President DATE 3/15/88

ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT I SUPERVISOR

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE MAP 2 1 1988

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

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

Form C-103  
Revised 10-1-78

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

5a. Indicate Type of Lease  
State  Fee

5. State Oil & Gas Lease No.  
N/A

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-   
7. Unit Agreement Name  
None

2. Name of Operator  
METEOR DEVELOPMENTS, INC.  
8. Farm or Lease Name  
Santa Fe Pacific

3. Address of Operator  
12842 Valley View #104, Garden Grove, CA 92645  
9. Well No. 5

4. Location of Well  
UNIT LETTER 0 660 FEET FROM THE South LINE AND 1880 FEET FROM  
10. Field and Pool, or WHdcat  
Crossroads Siluro-Devonian

THE East LINE, SECTION 22 TOWNSHIP 9-S RANGE 36-E NMPM.

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   
TEMPORARILY ABANDON   
PULL OR ALTER CASING   
OTHER

PLUG AND ABANDON   
CHANGE PLANS

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.

This well is produced by submersible pump. The well experienced a power surge which caused a down-hole short. The well was pulled on May 22, 1987. The cable was found to be defective and required replacement. The remedial work was completed May 23, 1987 and the well was put back on line.

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

SIGNED Thomas M. Mearns TITLE Vice President DATE 5/27/87

Orig. Signed by  
**Paul Kautz**  
Geologist

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE **JUN 11 1987**

CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

Form C-104  
Revised 10-01-78  
Format 08-01-83  
Page 1

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRODUCTION OFFICE	

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

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator  
**METEOR DEVELOPMENTS, INC.**

Address  
12842 Valley View, Suite 104, Garden Grove, CA 92645

Reason(s) for filing (Check proper box)

<input type="checkbox"/> New Well	Change In Transporter of:	Other (Please explain)
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Oil	
<input checked="" type="checkbox"/> Change In Ownership	<input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Dry Gas <input type="checkbox"/> Condensate	

Effective Date: 2-1-87

Mobil Producing Texas & New Mexico, Inc.  
9 Greenway Plaza, Suite 2700, Houston, TX 77046

If change of ownership give name and address of previous owner \_\_\_\_\_

II. DESCRIPTION OF WELL AND LEASE

Lease Name <b>Santa Fe Pacific</b>	Well No. <b>5</b>	Pool Name, including Formation <b>Crossroads/Devonian</b>	Kind of Lease State, Federal or Fee <b>Fee</b>	Lease No.
Location Unit Letter <b>0</b> ; <b>660</b> Feet From The <b>South</b> Line and <b>1880</b> Feet From The <b>East</b>				
Line of Section <b>22</b> Township <b>9-S</b> Range <b>36-E</b> , NMPM, Lea County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

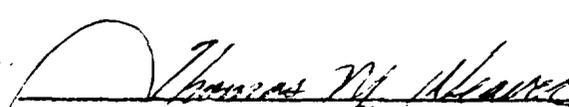
Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> <b>Mobil Pipe Line Company</b>	Address (Give address to which approved copy of this form is to be sent) <b>P.O. Box 900, Dallas, TX 75221</b>			
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> <b>Warren Petroleum Co.</b>	Address (Give address to which approved copy of this form is to be sent) <b>P.O. Box 1589, Tulsa, OK 74102</b>			
If well produces oil or liquids, give location of tanks.	Unit <b>M</b>	Sec. <b>23</b>	Twp. <b>9</b>	Rge. <b>36</b>
Is gas actually connected? <b>Yes</b>		When <b>March 20, 1973</b>		

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.

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LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRORATION OFFICE	

**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

**I. OPERATOR**

Operator  
Mobil Producing Texas & New Mexico Inc.

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

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

New Well       Change in Transporter of:      To change Operator name from Mobil Oil Corporation.  
 Recompletion       Oil       Dry Gas   
 Change in Ownership       Casinghead Gas       Condensate       (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. 5	Pool Name, including Formation Crossroads Devonian	Kind of Lease State, Federal or Fee      Fee	Lease No.
Location Unit Letter <u>0</u> <u>660</u> Feet From The <u>SOUTH</u> Line and <u>1880</u> Feet From The <u>EAST</u>				
Line of Section <u>22</u> Township <u>9-S</u> Range <u>36-E</u> , 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 Company	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 checked="" 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. Bx 1589, Tulsa, Oklahoma 74103				
If well produces oil or liquids, give location of tanks.	Unit M	Sec. 23	Twp. 9	Rge. 36	Is gas actually connected?      When Yes      March 20, 1973

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 Resrv.	Diff. Resrv.
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		
<b>TUBING, CASING, AND CEMENTING RECORD</b>								
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 (pilot, 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 Newman  
(Signature)  
Authorized Agent  
(Title)  
October 31, 1979  
(Date)

**OIL CONSERVATION COMMISSION**

APPROVED DEC 5 1979, 19\_\_\_\_

BY Jerry Sexton  
Dist 1, Supv.

TITLE \_\_\_\_\_

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		

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  Fee   
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- 2. Name of Operator <i>Mobil Oil Corporation</i> 3. Address of Operator <i>Box 633, Midland, Texas 79701</i> 4. Location of Well UNIT LETTER <i>0</i> , <i>660</i> FEET FROM THE <i>South</i> LINE AND <i>1890</i> FEET FROM THE <i>East</i> LINE, SECTION <i>22</i> TOWNSHIP <i>9-S</i> RANGE <i>36-E</i> NMPM.	7. Unit Agreement Name 8. Farm or Lease Name <i>Santa Fe Pacific</i> 9. Well No. <i>5</i> 10. Field and Pool, or Wildcat <i>Cross Roads-Delmonian</i>
15. Elevation (Show whether DF, RT, GR, etc.) <i>4035 GR.</i>	12. County <i>Lea</i>

16. 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 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.

*Perforate additional Perforations in Same Zone AND stimulate AS Per attached workover Procedure.*

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

SIGNED *J. McDaniel* TITLE *Authorized Agent* DATE *9-11-73*

APPROVED BY *Joe D. Ramey* TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY: *See I, Subj.*

MIDLAND E & P DIVISION

WELL WORK RECOMMENDATIONS

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

Lease: Santa Fe Pacific Unit Well No. 5

Field: Crossroads (Devonian)

County: Lea State: New Mexico

RECOMMENDED PROCEDURE: Note: Work should not be started until it is necessary to pull the well for repair.

1. Move in a pulling unit and pull the tubing and Rada pump.

2. Set a retrievable bridge plug at approximately 12,125'.

3. Spot 100 gals of 15% non-emulsion, HCl acid in the bottom of the hole and perforate the following interval in the Devonian Formation with 1 jet shot per foot.

12,096'-12,110'-14'-14 holes

Perforations were selected from Schlumberger's Micro-log dated 8/4/53.

4. Run the tubing, a treating packer, and a hold-down. Set the packer at approximately 12,050'.

5. Acidize the Devonian Formation (12,096'-12,110'-14'0A-14 holes) with 5000 gals of 15% non-emulsion, HCl acid. Treat at 3 to 5 Bbls/min and use a sufficient quantity of rubber-covered nylon ball sealers to completely ball out. Approximately

WELL WORK RECOMMENDATIONS

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

Lease: Santa Fe Pacific Unit Well No. 5

Field: Crossroads (Devonian)

County: Lea State: New Mexico

RECOMMENDED PROCEDURE:

20 ball sealers will be required.

6. Clean out, swab, and test the well as required.

7. Retrieve the bridge plug.

8. Run the tubing and Roda pump back in the hole.

9. Return the well to production.

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OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103  
Supersedes Old  
C-102 and C-103  
Effective 1-1-67

5a. Indicate Type of Lease  
State  Fee   
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 <i>Mobil Oil Corporation</i>	8. Farm or Lease Name <i>Santa Fe Pacific</i>
3. Address of Operator <i>Box 633, Midland, Texas</i>	9. Well No. <i>5</i>
4. Location of Well UNIT LETTER <i>0</i> . <i>660</i> FEET FROM THE <i>South</i> LINE AND <i>1280</i> FEET FROM THE <i>East</i> LINE, SECTION <i>22</i> TOWNSHIP <i>9-S</i> RANGE <i>36-E</i> NMPM.	10. Field and Prod. or Wildcat <i>Crossroads Deviation</i>
15. Elevation (Show whether DF, RT, CR, etc.) <i>140-35 GR.</i>	12. County <i>Lea</i>

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"/>	REMEDIAL WORK <input checked="" type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER <input type="checkbox"/>	OTHER <input type="checkbox"/>
PLUG AND ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	PLUG AND ABANDONMENT <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.  
*Perforated additional Perforations AND Stimulate as Per attached Daily Drilling Report.*

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 *9-11-73*

APPROVED BY *Joe D. Lincey* TITLE *Dist. Comm.* DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

SUPPLEMENTAL WELL REPORT

SANTA FE PAC #5

SANTA FE PACIFIC #5, Crossroads Dev Fld, Lea Co, NM. OBJECTIVE:  
Perforate additional pay and stimulate.

8/10/73 12,150 TD, 5½ csg @ 12,136, OH (12,136-12,150).  
Prep to MI unit today.

SANTA FE PACIFIC #5, 12,150 TD.

8/11 MIRU Permian Well Serv unit 8/10/73, remove wellhead, POH  
w/ 20 jts 2-7/8 tbg and Reda pump cable, SD for nite.

8/13 POH w/ add'l 102 jts 2-7/8 tbg, Reda cable and pump, ran  
5½ Howco ret BP on 2-7/8 tbg set @ 12,122, loaded hole w/  
prod wtr, then spotted 100 gals 15% NE acid @ 12,122, POH  
Dresser-Atlas ran GR-Collar-Corr log from 11,800-12,101,  
then perf 5½ csg in the Dev @ 12,096-12,110 w/ 1 JSDF, total  
of 15 holes, started in hole w/ 5½ RTTS pkr, SD for nite.

SANTA FE PACIFIC #5, 12,150 TD.

8/14 Finish running RTTS pkr on 2-7/8 tbg to 12,050, set pkr,  
test csg 1000#/ok, Howco attempted to acidize Dev perms  
12,096-12,110, TP 6500, AIR 1.0 BPM, communicated to csg,  
bled off press, reset pkr, communicated to csg, attempted  
to rev out acid, pumped 174 BSW acid below leak, POH, found  
split jt of tbg 262 jts down, dropped SV, test remainder of  
tbg w/ 5000#/ok, prep to rerun pkr & acidize.

SANTA FE PACIFIC #5, 12,150 TD.

8/15 Finish running RTTS pkr to 12,019, pkr would not set, POH,  
changed out pkrs, rerun to 12,019, Howco acidized Devonian  
perms 12,096-12,110 w/ 3000 gals 15% NE acid, used 20 RCNBS,  
TTP 500, AIR 4.5 BPM, ISIP vac, job compl @ 7:10 p.m. 8/14/73,  
SI & SD. - 876 BLW.

SANTA FE PACIFIC #5, 12,150 TD.

8/16 S 59 BNO + 136 BLW/10 hrs, sw from 3000, L hr sw 20 bbls,  
S/O 20% oil, hung sw, parted line, left sw & 100' of SL  
in hole, SD for nite. - 740 BLW.

SANTA FE PACIFIC #5, 12,150 TD.

8/17 Unseat RTTS pkr, attempt to ret BP @ 12,122 w/ no success,  
POH, left RTTS pkr, 3 jts of tbg, sw + 100' SL in hole, SD  
for nite, prep to fish out.

SANTA FE PACIFIC #5, 12,150 TD.

8/18 Ran 4½ LIB on SL to top of fish, POH, indicated blk was on  
SL, ran 2-prong grab w/ 4½ stop on jars, 2 - 3½ DC's & 2-7/8  
tbg to 12,025, POH w/ 1 jt of tbg, SD for nite.

8/20 Finish POH, rec 15' of SL, rerun imb blk, indicated wire  
line on top of tbg, rerun 2-prong grab to 12,025, POH, no  
rec, remodel grab, rerun grab to top of fish, POH, rec SL,  
sinker bars, sw, 3 jts of 2-7/8 tbg & RTTS pkr, SD for nite.

8/21 SANTA FE PACIFIC #5, 12,150 TD  
Ran Howco ret head on 2-7/8" tbg to 12,122, ret BP, POH  
w/ plug, SD for nite.

8/22 SANTA FE PACIFIC #5, 12,150 TD  
Ran tbg in hole, P & LD 248 jts 2-7/8" tbg, now running Reda  
pump & cable on 2-7/8" tbg, SD for nite.

8/23 SANTA FE PACIFIC #5, 12,150 TD  
Ran Reda pump motor to 4438, top of motor @ 4417, bottom of  
pump 4412, top of pump @ 4394, circ valve @ 4387, knock out  
plug @ 4327, 140 jts 2-7/8 tbg + 6' x 2-3/8" EUE 8rd sub on  
top, hooked up well, rig down, rel unit & rel well to prod  
@ 2:30 p.m. 8-22-73. -740 BLW.

8/24 SANTA FE PACIFIC #5, 12,150 TD  
P 15 BNO + 740 BLW + 1717 BSW/ 19 hrs.

8/27 SANTA FE PACIFIC #5, 12,150 TD  
P 459 BNO + 8892 BSW/ 3 days, (last 24 hrs made 281 BO +  
2850 BW).

8/28 SANTA FE PACIFIC #5, 12,150 TD  
P 365 BNO + 2844 BSW/ 24 hrs.

8/29 SANTA FE PACIFIC #5, 12,150 TD  
P 385 BNO + 2610 BSW/ 24 hrs.

8/30 SANTA FE PACIFIC #5, 12,150 TD  
P 340 BNO + no guage on wtr/ 24 hrs.

8/31 SANTA FE PACIFIC #5, 12,150 TD  
Pumping, no gauge.

9/4 SANTA FE PACIFIC #5, 12,150 TD.  
Well off, pulled 2½ tbg and Reda pump, ran 2½ tbg w/ Reda  
G-110 pump, 125 stage w/ 200 Hp motor to 4465, P 715 BNO,  
no wtr gauge/38 hrs.

9/5 SANTA FE PACIFIC #5, 12,150 TD.  
P 453 BNO + 4336 BSW/24 hrs.

9/6/73 SANTA FE PACIFIC #5, 12,150 TD.  
POTENTIAL NM OCC POT: P 420 BNO + 3870 BSW/24 hrs w/ Reda 125-stage  
200 HP submergible pump, GOR: TSTM, Grav 40.3 @ 60, Allow  
420 (NP), Top 540, Compl 8/14/73.  
Before WO & changing pump: P 207 BNO + 2352 BSW/24 hrs.  
FINAL REPORT.

Diagrammatic Well Sketch  
 Santa Fe Pacific Well No. 5  
 Crossroads Devonian Field  
 Lea County, New Mexico

Elevations:  
 4,035' G.L.  
 4,048' KE

1 3/8" - 68' LWCsg set  
 w/500 sx - CIRC.

Min Burst Press = 3450 psi

Top of Cement  
 (Temp. Survey)

441'

1,490'

TOP of Liner

4,595'

8 5/8" - 32' JSS set w/3497sx

Min. Burst Press = 3930 psi

4,805'

7,541' of

5/8" Liner 17 & 20' N-80 set  
 w/740sx. cement over top  
 w/450sx

Min. Burst Press = 7140 psi

12,136'

12,150' - 75

AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

FILE	
UNIT NO.	
LAND OFFICE	
TRANSPORTER	OIL GAS
OPERATOR	
PRODUCTION OFFICE	

Operator  
Mobil Oil Corporation

Address  
P. O. Box 633, Midland, Texas 79701

Reasons for filing (check proper box)		Other (please explain)	
New Well	<input type="checkbox"/>	Change in Transporter of:	
Recompletion	<input type="checkbox"/>	Oil	<input type="checkbox"/>
Change in Ownership	<input type="checkbox"/>	Casinghead Gas	<input checked="" type="checkbox"/>
		Dry Gas	<input type="checkbox"/>
		Condensate	<input type="checkbox"/>

If change of ownership give name and address of previous owner \_\_\_\_\_

DESCRIPTION OF WELL AND LEASE

Lease Name Santa Fe Pacific	Well No., Pool Name, including Formation 5 Crossroads Devonian	Kind of Lease State, Federal or Fee	Fee
Location			
Unit Letter	O	: 660 Feet From The	South Line and 1880 Feet From The East
Line of Section	22	Township	9-S Range 36-E, NMPM, Lea County

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Mobil Pipe Line Company	P. O. Box 900, Dallas, Texas 75221
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Warren Petroleum Company	P. O. Box 1589, Tulsa, Oklahoma 74103

If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Age.	is gas actually connected?	When
	M	23	9	36	Yes	March 20, 1973

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

COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Reservoir	Diff. Reservoir
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RAB, 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

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 100 barrels for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lifts, 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

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.

  
Authorized Agent  
March 15, 1973  
(Date)

OIL CONSERVATION COMMISSION

APPROVED \_\_\_\_\_, 19\_\_\_\_  
BY Joe D. Kinney  
TITLE Dist. I. Supv.

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 change of well name or number, or transporter, or other such change of conditions.  
Separate Forms C-104 must be filed for each pool in multiply completed wells.

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	GAS
PROMOTION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COM. SION  
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 01

Company or Operator: **Socony Mobil Oil Company, Inc.** Lease: **Santa Fe Pac** Well No.: **5**

Unit Letter: **0** Section: **22** Township: **9S** Range: **36E** County: **Lea**

Pool: **Grossroads 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  or condensate   
**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 \_\_\_\_\_ No

Authorized transporter of casing head gas  or dry gas  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**

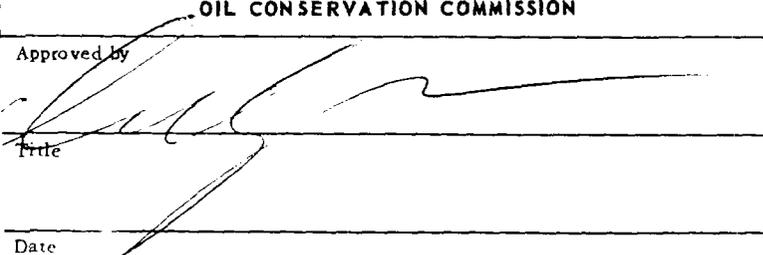
REASON(S) FOR FILING (please check proper box)

New Well  Change in Ownership   
Change in Transporter (check one) Other (explain below)   
Oil  Dry Gas   
Casing head gas  Condensate

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 "D", Well #2**

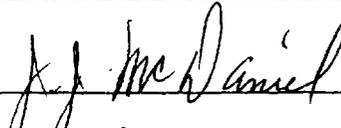
The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.  
Executed this the **28th** day of **January**, 19 **63**.

OIL CONSERVATION COMMISSION

Approved by: 

Title: \_\_\_\_\_

Date: \_\_\_\_\_

By: 

Title: **Group Supervisor**

Company: **Socony Mobil Oil Company, Inc.**

Address: **Box 2406, Hobbs, New Mexico**

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

HOBBS OFFICE 1066

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

OCT 1 AM 11:28

DUPLICATE

Company or Operator Socony Mobil Oil Company, Inc. Lease Santa Fe Pac "D"

Well No. 2 Unit Letter 0 S 22 T 98 R36E Pool Crossroads

County Lea Kind of Lease (State, Fed. or Patented) Patented

If well produces oil or condensate, give location of tanks: Unit SE/4 S 22 T 98 R36E

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:

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



**ORD 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 12150 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

**PRODUCTION**

Put to Producing August 12, 1953  
 OIL WELL: The production during the first 24 hours was 617 barrels of liquid of which 99.2 % was oil; \_\_\_\_\_ % was emulsion; No % water; and 0.8 % was sediment. A.P.I. Gravity 43.9° @ 60°  
 GAS WELL: The production during the first 24 hours was \_\_\_\_\_ M.C.F. plus \_\_\_\_\_ barrels of liquid Hydrocarbon. Shut in Pressure \_\_\_\_\_ lbs.  
 Length of Time Shut in \_\_\_\_\_

**PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):**

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy.....	<u>2197</u>	T. Devonian.....	<u>12092</u>
T. Salt.....		T. Silurian.....	
B. Salt.....		T. Montoya.....	
T. Yates.....	<u>2848</u>	T. Simpson.....	
T. 7 Rivers.....		T. McKee.....	
T. Queen.....		T. Ellenburger.....	
T. Grayburg.....		T. Gr. Wash.....	
T. San Andres.....	<u>4080</u>	T. Granite.....	
T. Glorieta.....	<u>5525</u>	T. <b>Woodford</b> .....	<u>11986</u>
T. Drinkard.....		T. ....	
T. Tubbs.....		T. ....	
T. Abo.....	<u>7693</u>	T. ....	
T. Penn.....	<u>8946</u>	T. ....	
T. Miss.....	<u>11622</u>	T. ....	
		T. Ojo Alamo.....	
		T. Kirtland-Fruitland.....	
		T. Farmington.....	
		T. Pictured Cliffs.....	
		T. Menefee.....	
		T. Point Lookout.....	
		T. Mancos.....	
		T. Dakota.....	
		T. Morrison.....	
		T. Penn.....	
		T. ....	
		T. ....	

**FORMATION RECORD**

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	363	363	Caliche & Red Bed	8423	8517	94	Shale & Lime
363	2062	1699	Red Bed	8517	8751	234	Shale & Dolomite
2062	2450	388	Red Bed & Anhydrite	8751	8878	127	Lime & Dolomite
2450	4459	2009	Anhydrite & Salt	8878	11334	2456	Lime
4459	4850	391	Anhydrite & Lime	11334	11508	174	Lime & Shale
4850	7130	2280	Lime	11508	11692	184	Lime & Chert
7130	7524	394	Lime & Sand	11692	12139	447	Lime & Shale
7524	8341	817	Lime & Shale	12139	12150	11	Dolomite
8341	8423	82	Lime & Dolomite				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

October 26, 1953

(Date)

Company or Operator Magnolia Petroleum Company

Address Box 727, Kermit, Texas

Name E. H. Bludell

Position or Title District Superintendent

DRILL STEM TESTS

<u>NO.</u>	<u>DATE</u>	<u>FROM</u>	<u>TO</u>	<u>OPEN HOLE</u>	<u>TOOL SET #</u>	<u>CHOKES</u> <u>TOP</u> <u>BOTTOM</u>		<u>WATER CUSHION</u>	<u>TIME TESTED</u>
1	8-2-53	12129	12144	Open Hole	12129	1"	5/8"	1000'	1 Hour.

(Devonian). Used 2 packers. Nothing to surface. Rec. 1000' WC (All). Rec. 115' drlg. mud, no shows, 90' slightly oil cut drlg. mud. SFP: 0. BHFP: 480#. Closed 15 min. SIP: 4030#. HH: 5945# in & 5810# out.

DEVIATION SURVEY

<u>DEPTH</u>	<u>DEGREES OFF VERTICAL</u>	<u>DEPTH</u>	<u>DEGREES OFF VERTICAL</u>	<u>DEPTH</u>	<u>DEGREES OFF VERTICAL</u>
430	1/2	8230	1/4	10660	1-1/4
2020	3/4	8340	1-1/4	10715	3/4
2776	1-1/4	8790	1	11017	1/2
3404	1/2	8846	3/4	11106	1
4390	3/4	9030	2	11362	1-3/4
4493	1/2	9218	2-1/2	11450	1
4625	1/4	9270	1/2	11558	2
5420	0	9350	1-3/4	11627	3-1/4
5970	1/4	9600	3/4	11691	2
6210	1	9650	1	11776	3
6620	1/4	9840	1/2	11795	2
7210	1/2	10015	3/4	11840	3
7400	1	10360	1/2	11926	3-3/4
7524	0	10590	1/4	12045	3-1/4

**QUADRUPPLICATE**

**NEW MEXICO OIL CONSERVATION COMMISSION**  
Santa Fe, New Mexico

**RECEIVED**  
AUG 20 1953  
OIL CONSERVATION COMMISSION  
HOBB'S OFFICE

It is necessary that Form C-104 be approved before this form can be approved on an initial allowable well. Submit this form in **QUADRUPPLICATE**.

**CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS**

Company or Operator Magnolia Petroleum Company Lease Santa Fe Pacific "D"

Address Box 727, Kermit, Texas Box 900, Dallas, Texas  
(Local or Field Office) (Principal Place of Business)

Unit 0, Well(s) No. 2, Sec. 22, T. 9-S, R. 36-E, Pool Crossroads

County Lea Kind of Lease: Privately Owned

If Oil well Location of Tanks SE/4 of Section 22, T-9-S, R-36-E, Lea County, New Mexico

Authorized Transporter Magnolia Pipe Line Company Address of Transporter  
Box 511, Brownfield, Texas Box 900, Dallas, Texas  
(Local or Field Office) (Principal Place of Business)

Per cent of Oil or ~~Natural Gas~~ to be Transported 100% Other Transporters authorized to transport Oil or ~~Natural Gas~~  
from this unit are None

REASON FOR FILING: (Please check proper box)

NEW WELL  CHANGE IN OWNERSHIP   
CHANGE IN TRANSPORTER  OTHER (Explain under Remarks)

REMARKS:

**New Well, Original Filing.**

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

Executed this the 18th day of August, 1953.

Approved AUG 21 1953, 1953

Magnolia Petroleum Company

OIL CONSERVATION COMMISSION  
By [Signature]  
Title Oil & Gas Inspector

By E. J. Blundell  
Title District Superintendent



DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

RECEIVED  
AUG 20 1953  
OIL CONSERVATION COMMISSION  
HOBBBS-OFFICE  
Form C-103  
Revised 7/1/52

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. 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 RESULT OF TEST OF CASING SHUT-OFF	X	REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	

August 18, 1953 (Date) Kermit, Texas (Place)

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

Magnolia Petroleum Company (Company or Operator) Santa Fe Pacific "L" (Lease)

Southeastern Drilling Company (Contractor), Well No. 2 in the SW 1/4 SE 1/4 of Sec. 22

T. 9-S, R. 36-E, NMPM, Crossroads (Levonian) Pool, Lea County.

The Dates of this work were as follows: Plug down April 9, 1953; Tested April 11, 1953

Notice of intention to do the work (was) (was not) submitted on Form C-102 on \_\_\_\_\_, 19\_\_\_\_, (Cross out incorrect words)

and approval of the proposed plan (was) (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Set 8 5/8" Casing @ 4805' w/3522 Sks. (3036 Sks 6% gel, 261 Sks perlite, 200 Sks Neat). w.o.c. 48 hrs.

Tested Casing w/2000# 30 Minutes before and after drlg. plug, No break.

Witnessed by Kenneth Wilson (Name) Magnolia Petroleum Company (Company) Production Foreman (Title)

Approved: OIL CONSERVATION COMMISSION  
*[Signature]*  
Gas Inspector (Title)  
AUG 21 1953 (Date)

I hereby certify that the information given above is true and complete to the best of my knowledge.  
Name: E. H. Bludell  
Position: District Superintendent  
Representing: Magnolia Petroleum Company  
Address: Box 727, Kermit, Texas

TRIPPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

RECEIVED  
(Form C-103)  
(Revised 7/1/52)  
AUG 20 1953  
OIL CONSERVATION COMMISSION  
HOBBS-OFFICE

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. 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 RESULT OF TEST OF CASING SHUT-OFF	X	REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	

August 18, 1953  
(Date)

Kermit, Texas  
(Place)

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

Magnolia Petroleum Company (Company or Operator) Santa Fe Pacific "D" (Lease)

Southeastern Drilling Company (Contractor), Well No. 2 in the SW 1/4 SE 1/4 of Sec. 22

T. 9-S, R. 36-E, NMPM, Crossroads (Devonian) Pool, Lea County.

The Dates of this work were as follows: Plug down August 8, 1953; Squeezed 8-9-53; Tested 8-10-53.

Notice of intention to do the work (was) (was not) submitted on Form C-102 on \_\_\_\_\_, 19\_\_\_\_, (Cross out incorrect words)

and approval of the proposed plan (was) (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Set 7541' of 5" liner @ 12,136', Top @ 4595', w/540 Sks 4% gel, 200 Sks neat, w.O.C. 10 hrs. Squeezed top of liner @ 4595' w/250 Sks 4% gel 200 Sks neat cement, w/2000#.

Tested top of liner w/2000# 30 Minutes - No Break.

Witnessed by Kenneth Nelson (Name) Magnolia Petroleum Company Production Foreman (Company) (Title)

Approved: OIL CONSERVATION COMMISSION  
*E. B. Blundell*  
(Name)  
Oil & Gas Inspector (Title)  
AUG 21 1953 (Date)

I hereby certify that the information given above is true and complete to the best of my knowledge.  
Name E. B. Blundell  
Position District Superintendent  
Representing Magnolia Petroleum Company  
Address Box 727, Kermit, Texas

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

RECEIVED  
AUG 20 1953  
OIL CONSERVATION COMMISSION  
HOBBS-OFFICE  
(Form C-102)  
(Revised 7/1/52)

MISCELLANEOUS NOTICES

Submit this notice in TRIPLICATE to the District Office, Oil Conservation Commission, 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 CHANGE PLANS		NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL		NOTICE OF INTENTION TO DRILL DEEPER	
NOTICE OF INTENTION TO PLUG WELL		NOTICE OF INTENTION TO PLUG BACK		NOTICE OF INTENTION TO SET LINER	X
NOTICE OF INTENTION TO SQUEEZE		NOTICE OF INTENTION TO ACIDIZE		NOTICE OF INTENTION TO SHOOT (Nitro)	
NOTICE OF INTENTION TO GUN PERFORATE		NOTICE OF INTENTION (OTHER)		NOTICE OF INTENTION (OTHER)	

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Kermit, Texas  
(Place)

August 18, 1953  
(Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the.....

Magnolia Petroleum Company's Santa Fe Pacific " " Well No. 2 in 0 (Unit)  
(Company or Operator)  
Sh 1/4 SE 1/4 of Sec. 22, T. 9-S, R. 36-E, NMPM, Crossroads (Devonian) Pool  
(40-acre Subdivision)  
Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK  
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

Propose to set 7541' of 5 1/2" liner w/ 12,136' w/1190 Sks.

Approved AUG 21 1953, 19.....  
Except as follows:

Approved  
OIL CONSERVATION COMMISSION  
By: [Signature]  
Title: Oil & Gas Inspector

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

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

RECEIVED  
AUG 20 1953  
OIL CONSERVATION COMMISSION  
HOBBS OFFICE  
(Form C-103  
Revised 7/1/52)

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. 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 RESULT OF TEST OF CASING SHUT-OFF	X	REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	

August 16, 1953  
(Date)

Kermit, Texas  
(Place)

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

Magnolia Petroleum Company (Company or Operator) Santa Fe Pacific #1 (Lease)

Southeastern Drilling Company (Contractor), Well No. 2 in the SW 1/4 SE 1/4 of Sec. 22

T. 9-S., R. 36-E., NMPM Crossroads (Devonian) Pool, Lea County.

The Dates of this work were as follows: Plug down: March 27, 1953 Tested March 28, 1953

Notice of intention to do the work (was) (was not) submitted on Form C-102 on \_\_\_\_\_, 19\_\_\_\_, (Cross out incorrect words)

and approval of the proposed plan (was) (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Set 13 3/8" casing w/ 500 Skts neat cement, circulated.

Tested /with 500#, 30 Minutes before and after drlg. plug, No break.

Witnessed by: Kenneth Nelson (Name) Magnolia Petroleum Company (Company) Production Foreman (Title)

Approved: OIL CONSERVATION COMMISSION  
*[Signature]*  
(Name)

Oil & Gas Inspector (Title) AUG 21 1953 (Date)

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

Name: E. H. Blundell

Position: District Superintendent

Representing: Magnolia Petroleum Company

Address: Box 727, Kermit, Texas

**DUPLICATE**

**NEW MEXICO OIL CONSERVATION COMMISSION**  
Santa Fe, New Mexico

AUG 18 1953

**MISCELLANEOUS REPORTS ON WELLS**

**OIL CONSERVATION COMMISSION**  
**HOBBS-OFFICE**

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. 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 RESULT OF TEST OF CASING SHUT-OFF	<input type="checkbox"/>	REPORT ON REPAIRING WELL	<input type="checkbox"/>
REPORT ON RESULT OF PLUGGING WELL	<input type="checkbox"/>	REPORT ON RECOMPLETION OPERATION	<input type="checkbox"/>	REPORT ON (Other)	<input type="checkbox"/>

August 18, 1953

Kermit, Texas

(Date)

(Place)

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 "D"**

(Company or Operator)

(Lease)

**Southeastern Drilling Company**

**2**

**S1**

**SE**

**22**

Well No. \_\_\_\_\_ in the \_\_\_\_\_ 1/4 \_\_\_\_\_ 1/4 of Sec. \_\_\_\_\_

(Contractor)

T. **9-S**, R. **36-E**, NMPM, **Crossroads (Devonian)** Pool, **Lea** County.

The Dates of this work were as follows: **March 26, 1953**

Notice of intention to do the work (was) (was not) submitted on Form C-102 on \_\_\_\_\_, 19\_\_\_\_, (Cross out incorrect words)

and approval of the proposed plan (was) (was not) obtained.

**DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED**

**Commenced Drilling - Spud Date: March 26, 1953**

Witnessed by: **Kenneth Nelson** (Name) **Magnolia Petroleum Company** (Company) **Production Foreman** (Title)

Approved: **OIL CONSERVATION COMMISSION**  
*[Signature]*  
(Name)  
**Oil & Gas Inspector**  
(Title)  
**AUG 21 1953**  
(Date)

I hereby certify that the information given above is true and complete to the best of my knowledge.  
Name: **E. Y. Blundell**  
Position: **District Superintendent**  
Representing: **Magnolia Petroleum Company**  
Address: **box 727, Kermit, Texas**

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

NOTICE OF INTENTION TO DRILL OR RECOMPLETE

Notice must be given to the District Office of the Oil Conservation Commission and approval obtained before drilling or recompletion 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 QUINTUPLICATE. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission.

Dallas, Texas  
(Place)

February 27, 1953  
(Date)

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Gentlemen:

You are hereby notified that it is our intention to commence the (Drilling) (Recompletion) of a well to be known as

MAGNOLIA PETROLEUM COMPANY

(Company or Operator)

SANTA FE PACIFIC "D"  
(Lease)

Well No. 2, in SW 1/4 SW 1/4

The well is

located 660' feet from the South line and 1880.7' feet from the East line of Section 22, T. 9S, R. 36E, NMPM.

(GIVE LOCATION FROM SECTION LINE) Crossroads (Devonian) Pool, Lea County

If State Land the Oil and Gas Lease is No.

If patented land the owner is U. D. Sawyer,

Address Crossroads, New Mexico.

We propose to drill well with drilling equipment as follows:

Rotary Tools

The status of plugging bond is On File

Drilling Contractor Southeastern Drilling Company,  
Odessa, Texas.

We intend to complete this well in the Devonian formation at an approximate depth of 12,300 feet.

CASING PROGRAM

We propose to use the following strings of Casing and to cement them as indicated:

Size of Hole	Size of Casing	Weight per Foot	New or Second Hand	Depth	Sacks Cement
17-1/2"	13-3/8"	68#	2nd Hand	450'	500
11"	8-5/8"	32 and 40#	New	4800'	3500
6-3/4"	5-1/2"	17 and 20#	New	7700'	600

If changes in the above plans become advisable we will notify you immediately.

ADDITIONAL INFORMATION (If recompletion give full details of proposed plan of work.)

Approved \_\_\_\_\_, 19\_\_\_\_  
Except as follows:

OIL CONSERVATION COMMISSION

By Roy Yarkovoy  
Title \_\_\_\_\_

Sincerely yours,

MAGNOLIA PETROLEUM COMPANY

(Company or Operator)

By E. H. Blundell

Position Field Superintendent  
Send Communications regarding well to

Name Margarita Shaffer

Address P.O. Box 900  
Dallas 1, Texas

Crossroads (Devonian) Field  
Magnolia Petroleum Company

PRODUCING DEPARTMENT

March 2nd,

Location made \_\_\_\_\_, 1952

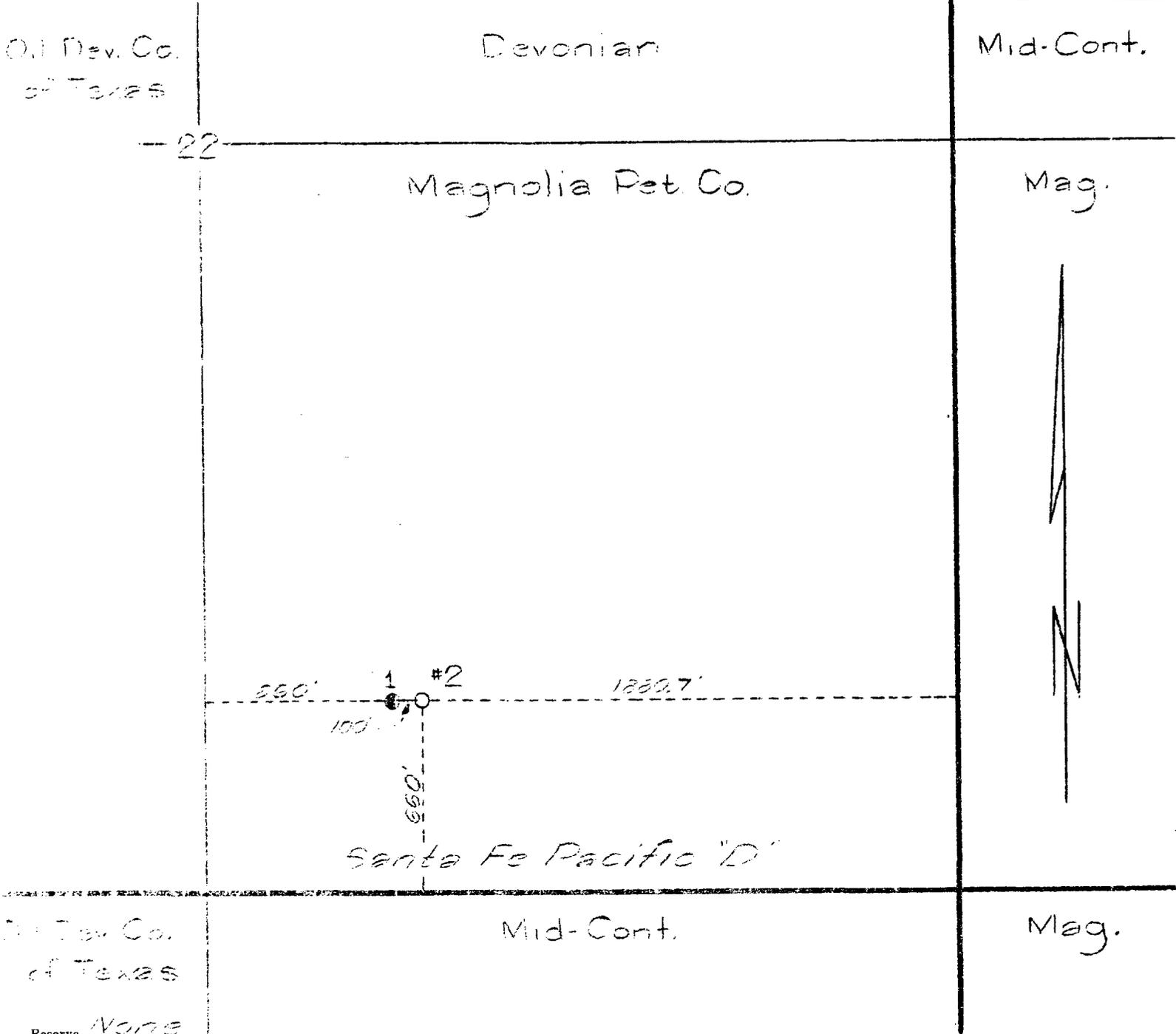
Santa Fe Pacific "D" Well No. 2

Lea District

Lease 114-1223, acres 150, Sec 22, T 9 S, R 36 E { District  
Township

Lea County, New Mexico

Scale 1" = 500' N S E W



Santa Fe Pacific "D"

Special instructions Permit depth - 12,300 ft.

Location changed on account of \_\_\_\_\_

Date work is commenced \_\_\_\_\_, 19\_\_\_\_ Supt.

Location approved by \_\_\_\_\_ Plat made by R. C. Lawless