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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 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 Brunson & McKnight, Inc.		8. Farm or Lease Name SF-29
3. Address of Operator Box 297, Hobbs, NM 88240		9. Well No. 1
4. Location of Well UNIT LETTER <u>D</u> <u>560</u> FEET FROM THE <u>North</u> LINE AND <u>500</u> FEET FROM THE <u>West</u> LINE, SECTION <u>29</u> TOWNSHIP <u>9 S</u> RANGE <u>36 E</u> NMPM.		10. Field and Pool, or Wildcat Crossroads Slaughter SF
15. Elevation (Show whether DF, RT, GR, etc.) 4064' GL		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 ☐

PLUG AND ABANDON ☐  
CHANGE PLANS ☐

OTHER ☐

#### SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐  
COMMENCE DRILLING OPNS. ☐  
CASING TEST AND CEMENT JOBS ☐  
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.

6/16/80 Moved in and rigged up Nolan Brunson, Inc. unit, pulled rods and tubing. Ran tubing open ended to 4835'. Knox Services pumped 50 sx Class H Cement. Pulled 32 joints tubing (approx. 2535') and set 35 sx plug from 2300' to 2150'. Pulled tubing, set 15 sx plug in top of casing, set 4' marker. Mud laden bituminous plugs. No casing was pulled from well.

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

SIGNED June Woodard TITLE Agent DATE 7/7/80

APPROVED BY A. H. [Signature] TITLE OIL & GAS INSPECTOR DATE JAN 14 1981

CONDITIONS OF APPROVAL, IF ANY:

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

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

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M.C.O.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRODUCTION OFFICE	

Operator	Brunson & McKnight, Inc.		
Address	Box 297 Hobbs, New Mexico 88240		
Reason(s) for filing (Check proper box)	Other (Please explain)		
New Well <input type="checkbox"/>	Change in Transporter of: Oil <input checked="" type="checkbox"/> Dry Gas <input type="checkbox"/>	To sell 30 Bbls. oil produced during testing of well. Well now plugged.	
Recompletion <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>		
Change in Ownership <input type="checkbox"/>			

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

DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, including Formation	Kind of Lease	Lease No.
SF-29	1	Crossroads-Slaughter SA	State, Federal or Fee Fee	
Location				
Unit Letter	D	660 Feet From The North Line and	660 Feet From The West	
Line of Section	29	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)					
Gandy Corp.	Tatum, New Mexico					
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
					NO	

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 Res'v.	Diff. Res'v.
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RKB, RT, CR, 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 top allowable for this depth or be for full 24 hours)

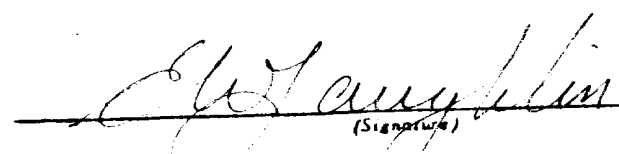
Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

GAS WELL

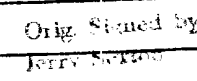
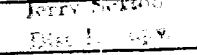
Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

1. 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.

  
(Signature)  
Agent (Title)  
Oct. 16, 1980  
(Date)

OIL CONSERVATION DIVISION

APPROVED \_\_\_\_\_, 19\_\_\_\_  
BY   
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 multiple completed wells.

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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 SF-29
9. Well No. 1
10. Field and Pool, or Wildcat Slaughter San Andres
12. County Lea

**SUNDY 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"/>
2. Name of Operator Brunson & McKnight, Inc.
3. Address of Operator Box 297, Hobbs, NM 88240
4. Location of Well UNIT LETTER <u>D</u> <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE; SECTION <u>29</u> TOWNSHIP <u>9 S</u> RANGE <u>36 E</u> NMPM.
15. Elevation (Show whether DF, RT, GR, etc.) 4064' GL

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 checked="" 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"/>	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.

7 5/8" 26# casing set at 4951' w/1800 sx, circulated. EZ-Drill set at 4840' & squeezed w/125 sx. Perfs at 4814' and 4834' above EZ-Drill were acidized w/500 gal. 15% NE acid.

Propose to plug by pumping 50 sx Class "C" cement on top of EZ-Drill from 4840' to approx. 4650' (188-ft plug). Fill with mud laden fluid & pull tubing. Set top plug 10 sx from surface to 37' with 4" - 6' marker. No casing will be pulled.

100' PLUG RECESS TOP OF SALT

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

SIGNED Jane Woodard TITLE Agent DATE 5/14/80

APPROVED BY Jerry Sexton TITLE  DATE MAY 22 1980

CONDITIONS OF APPROVAL, IF ANY:

Expires 11-22-80

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

Form C-103  
Revised 10-1-78

5a. Indicate Type of Lease  
State ☐ Free ☒  
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-	7. Unit Agreement Name
2. Name of Operator Brunson & McKnight, Inc.	8. Farm or Lease Name SF-29
3. Address of Operator Box 297, Hobbs, NM 88240	9. Well No. 1
4. Location of Well UNIT LETTER <u>D</u> <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE, SECTION <u>29</u> TOWNSHIP <u>9 S</u> RANGE <u>36 E</u> N.M.P.M.	10. Field and Pool, or Wildcat <u>Slaughter San Andres</u>
15. Elevation (Show whether DF, RT, GR, etc.) 4064' GL	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 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>Re-entry</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.

1/8/80 Rigged up Ralph Johnson unit & Davis Tool Co. reverse unit, drilled out to TD 4905'. Perf 7 5/8" casing at 4814', 4834', 4848', 4853', 4856', 4884' & 4886' w/2 SPF. Acidized with packer set at 4870', communicated to backside; pulled packer to 4770', pressured backside w/1000# & acidized w/3000 gal. 15% NE acid w/40 ball sealers. Swabbed back with slight show of oil. Ran rods & pump, pumped for 30 days. Well made 1/4 BOPD & 80 BWPD.

6/6/80 Pulled rods & tubing & ran Halliburton EZ-Drill cement retainer to 4840' & squeezed w/125 sx Class "C" cement. Drilled out cement on top of retainer & acidized w/500 gal. 15% NE acid. Ran rods & pump & pumped for 15 days. Pumped 1 BOPD & 50 BW. Shut down & prepare to plug.

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

SIGNED Juan M. Madans TITLE Agent DATE 5/14/80

APPROVED BY Jerry S. Smith TITLE Director DATE 5/14/80

CONDITIONS OF APPROVAL, IF ANY:

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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 <b>Re-entry</b>		DRILL <input type="checkbox"/>		DEEPEN <input type="checkbox"/>		PLUG BACK <input type="checkbox"/>	
b. Type of Well		OIL WELL <input checked="" type="checkbox"/>		GAS WELL <input type="checkbox"/>		OTHER <input type="checkbox"/>	
2. Name of Operator		SINGLE ZONE <input checked="" type="checkbox"/>		MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name	
<b>Brunson &amp; McKnight, Inc.</b>						8. Farm or Lease Name	
3. Address of Operator						9. Well No.	
<b>Box 297, Hobbs, NM 88240</b>						10. Field and Pool, or Wildcat	
4. Location of Well		UNIT LETTER <b>D</b>		LOCATED <b>660</b>		FEET FROM THE <b>North</b> LINE	
AND <b>660</b>		FEET FROM THE <b>West</b>		LINE OF SEC. <b>29</b>		TWP. <b>9-S</b> RGE. <b>36E</b> NMPM	
						12. County	
						<b>Lea</b>	
		19. Proposed Depth		19A. Formation		20. Rotary or C.T.	
		<b>4951'</b>		<b>San Andres</b>		<b>workover unit</b>	
21. Elevations (Show whether DF, RT, etc.)		21A. Kind & Status Plug. Bond		21B. Drilling Contractor		22. Approx. Date Work will start	
<b>4064' G. L.</b>				<b>Crawford Well Service</b>		<b>Jan. 8, 1980</b>	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
<b>13 3/4"</b>	<b>10 3/4"</b>	<b>32.75#</b>	<b>423'</b>	<b>400sx</b>	<b>Circulated</b>
<b>9 5/8"</b>	<b>7 5/8"</b>	<b>24 &amp; 26.40#</b>	<b>4951'</b>	<b>2225sx</b>	<b>Circulated</b>

Well originally drilled by Magnolia Petroleum Company June 30, 1957, Completed 8/11/57. Perfs 4810'-4824', 4827'-4846'. P & A June 1962. We propose to re-enter well & clean out to original TD, Re-perforate zone 4810'-4824', acidize with 3000 gallons and return to production.

BOP: 6" 900 drilling head w/4000# stripper rubber.

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 *June Woodard* Title Agent Date 1/4/80

(This space for State Use)

APPROVED BY *John Rumpert* TITLE Geologist DATE JAN 8 1980

CONDITIONS OF APPROVAL, IF ANY

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

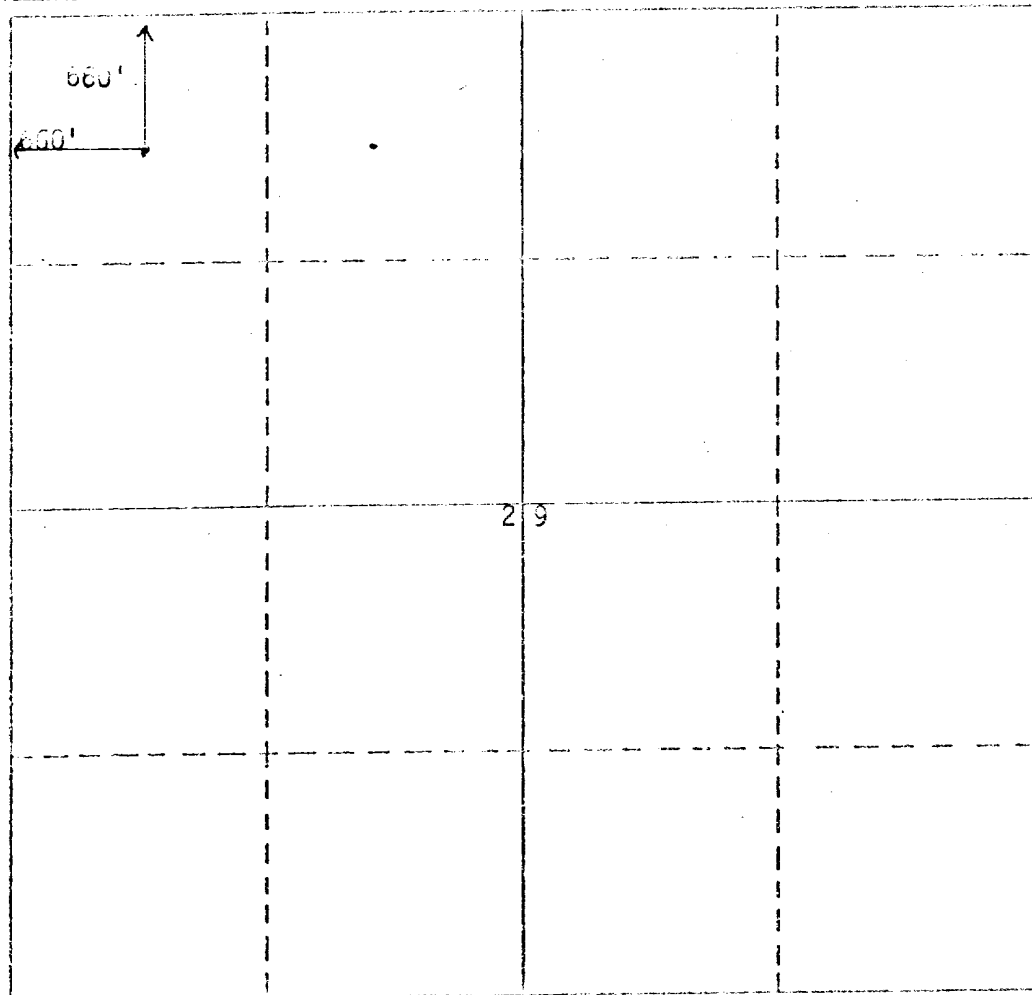
Operator <b>Brunson &amp; McKnight, Inc.</b>		Lease <b>SF29</b>		Well No. <b>1</b>
Unit Letter <b>D</b>	Section <b>29</b>	Township <b>9 S</b>	Range <b>36 E</b>	County <b>Lea</b>
Actual Footage Location of Well:				
660 feet from the <b>North</b>		660 feet from the <b>West</b>		Line
Ground Level Elev. <b>4064</b>	Producing Formation <b>San Andres</b>	Pool <b>Crossroads Slaughter</b>	Dedicated Acreage: <b>40</b> Acres	

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



CERTIFICATION

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

*June Woodard*  
Name

**June Woodard**  
Position  
**Agent**

Company  
**Brunson & McKnight, Inc.**

Date  
**January 4, 1980**

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.

(Original survey on file with Commission.)

Date Surveyed

Registered Professional Engineer  
or/Or Land Surveyor

Certificate No.

330 350 40 1420 1480 1580 2310 2640 2000 1500 1000 400 0

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	GAS
REGISTRATION OFFICE	
OPERATOR	

# NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103  
(Rev 3-55)

## MISCELLANEOUS REPORT OF WELL

(Submit to appropriate District Office or to the Commission)

Name of Company <b>Socony Mobil Oil Company, Inc.</b>		Address <b>Box 2406, Hobbs, New Mexico</b>	
Lease <b>Santa Fe "D"</b>	Well No. <b>2</b>	Unit Letter <b>D</b>	Section Township <b>29 9S</b>
Date Work Performed <b>6/26 thru 6/27/62</b>	Pool <b>Crossroads Slaughter</b>	County <b>Lea</b>	

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations
 ☐ Casing Test and Cement Job
 ☐ Other (Explain)
- ☒ Plugging
 ☐ Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.  
 Moved in and rigged up Expert Well Service Unit. Pulled rods & pump. Installed BOP. Pulled 2" tbg. Ran 2" tbg. w/Halliburton DC retainer. Set DC retainer @ 4450'. Squeezed perfs. 4810-4846 w/100 sax. reg. neat cement. Pulled 2" tbg. Removed BOP. Spot 50 sx. reg. neat cement 60' to surface. Installed regulation monument. Mud laden fluid between plugs. Plugged & abandoned 6:00 p.m. 6-27-62.

Will notify when lease is ready for inspection.

Witnessed by <b>Earl D. Hughes</b>	Position <b>Drilling Foreman</b>	Company <b>Socony Mobil Oil Company, Inc.</b>
---------------------------------------	-------------------------------------	--

### FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

#### ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
-----------	-----	---------	--------------------	-----------------

Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth
-----------------	--------------	---------------------	------------------

Perforated Interval(s)

Open Hole Interval	Producing Formation(s)
--------------------	------------------------

#### RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

#### OIL CONSERVATION COMMISSION

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

Approved by <i>Lester A. Clements</i>	Name <i>[Signature]</i>
Title	Position <b>Senior Clerk</b>
Date	Company <b>Socony Mobil Oil Company, Inc.</b>

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

AREA 640 ACRES  
LOCATE WELL CORRECTLYMagnolia Petroleum Company  
(Company or Operator)Santa Fe "D"  
(Lease)Well No. 2, in NW  $\frac{1}{4}$  of NW  $\frac{1}{4}$  of Sec. 29, T. 9S, R. 36E, NMPM.

Undesignated Pool, Lea County.

Well is 660 feet from North line and 660 feet from East lineof Section 29. If State Land the Oil and Gas Lease No. is ---Drilling Commenced June 30, 1957. Drilling was Completed July 25, 1957.Name of Drilling Contractor Western Drilling CompanyAddress Lubbock, TexasElevation above sea level at Top of Tubing Head 4074 DF. The information given is to be kept confidential until ---, 19---.

## OIL 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 40 to 160 feet.No. 2, from 230 to 410 feet.No. 3, from 1900 to 2130 feet.No. 4, from --- to --- feet.

## CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
10-3/4	32.75	New	423'				Surface String
7-5/8	24 + 26.40#	New	4951'			(4810-4824, 4827-4846)	Oil String

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13-3/4	10-3/4	423'	400	Pump & Plug		
9-5/8	7-5/8	4951'	2225	Pump & Plug		

## RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

(See Attachment.)

Result of Production Stimulation ---Depth Cleaned Out ---



# 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 4951 feet, and from -- feet to -- feet.  
Cable tools were used from -- feet to -- feet, and from -- feet to -- feet.

## PRODUCTION

Put to Producing August 20, 19 57.

OIL WELL: The production during the first 24 hours was 60 barrels of liquid of which 100 % was oil; -- % was emulsion; 32 BSW % water; and -- % was sediment. A.P.I. Gravity 29.660

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.....2172	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....2274	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....2686	T. Montoya.....	T. Farmington.....
T. Yates.....2792	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....	T. McKee.....	T. Menefee.....
T. Queen.....3522	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....	T. Gr. Wash.....	T. Mancos.....
T. San Andres.....4050	T. Granite.....	T. Dakota.....
T. Glorieta.....	T. ....	T. Morrison.....
T. Drinkard.....	T. ....	T. Penn.....
T. Tubbs.....	T. ....	T. ....
T. Abo.....	T. ....	T. ....
T. Penn.....	T. ....	T. ....
T. Miss.....	T. ....	T. ....

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	35	35	Substructure				
35	236	201	Caliche, sand & Red bed				
236	423	187	Anhydrite, shale & Red bed				
423	1850	1427	Red bed & shale				
1850	2249	399	Anhydrite & shale				
2249	2300	51	Anhydrite				
2300	2755	455	Anhydrite & salt				
2755	3055	300	Anhydrite & shale				
3055	3223	168	Anhydrite, shale & gypsum				
3223	4080	857	Anhydrite & shale				
4080	4780	700	Lime				
4780	4951	171	Coring in Lime				

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.

August 21, 1957  
(Date)

Company or Operator Magnolia Petroleum Company Address Box 2406, Hobbs, New Mexico  
Name J. C. Dougherty Position or Title District Superintendent

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

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	<b>X</b>	NOTICE OF INTENTION TO PLUG BACK		NOTICE OF INTENTION TO SET LINER	
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

Hobbs, New Mexico

May 22, 1962

(Place)

(Date)

Gentlemen:

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

**Soceny Mobil Oil Company, Inc.**

**Santa Fe "D"**

Well No. **2**

in **D**

(Company or Operator)

(Unit)

**NW** **NW** **29** **98** **36E** **NMPM** **Crossroads Slaughter** Pool  
(40-acre Subdivision) 1/4 of Sec. T. R. Lea County.

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

TD: 4951'

PBTD: 4850'

Csg: 10 3/4" @ 423', com. w/400 sx., Circ; 7 5/8" @ 4951', com. w/2225 sx., Circ.

Perfs: 4810-4824, 4827-4846

Propose to squeeze perfs w/100 sx cement 4450-4850'. Spot 50 sx cement plug at surface. Install regulation monument. Mud laden fluid between plugs.

Approved....., 19.....  
Except as follows:

Approved  
OIL CONSERVATION COMMISSION

By.....  
Title.....

**Soceny Mobil Oil Company, Inc.**

Company or Operator

By.....

**Senior Clerk**

Position.....

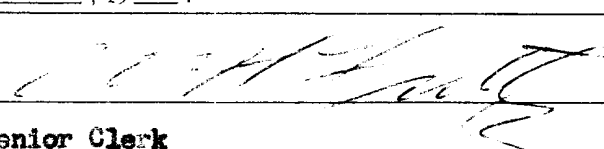
Send Communications regarding well to:

**Soceny Mobil Oil Company, Inc.**

Name.....

**Box 2406, Hobbs, New Mexico**

Address.....

NUMBER OF COPIES RECEIVED DISTRIBUTION SANTA FE FILE U.S.G.S. LAND OFFICE TRANSPORTER OIL GAS PRORATION OFFICE OPERATOR		NEW MEXICO OIL CONSERVATION CO. COMMISSION SANTA FE, NEW MEXICO <b>CERTIFICATE OF COMPLIANCE AND AUTHORIZATION          TO TRANSPORT OIL AND NATURAL GAS</b>		<b>FORM C-110</b> (Rev. 7-60)
FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE				
Company or Operator <b>Socony Mobil Oil Company, Inc.</b>			Lease <b>Santa Fe "D"</b>	Well No. <b>2</b>
Unit Letter <b>D</b>	Section <b>29</b>	Township <b>9S</b>	Range <b>36E</b>	County <b>Lea</b>
Pool <b>Crossroads Slaughter</b>			Kind of Lease (State, Fed, Fee) <b>Patented</b>	
If well produces oil or condensate give location of tanks		Unit Letter <b>D</b>	Section <b>29</b>	Township <b>9S</b>
		Range <b>36E</b>		
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) The Petroleum Corporation P. O. Box 4157 Hobbs, New Mexico		
The Petroleum Corporation				
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)	
None				
If gas is not being sold, give reasons and also explain its present disposition:  <b>Flared</b>				
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)		
Oil <input checked="" type="checkbox"/> Dry Gas <input type="checkbox"/>				
Casing head gas <input type="checkbox"/> Condensate <input type="checkbox"/>				
Remarks  Production is shared with other operators in the area. <span style="float: right;">JANUARY 1, 1961</span>				
The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.				
Executed this the _____ day of _____, 19____.				
OIL CONSERVATION COMMISSION		By		
Approved by				
Title		Senior Clerk		
Date		Company <b>Socony Mobil Oil Company, Inc.</b>		
		Address <b>P. O. Box 2406, Hobbs, New Mexico</b>		

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

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Socony Mobil Oil Company, Inc. Lease Santa Fe "D"  
Well No. 2 Unit Letter D S 29 T 9S R 36E Pool Crossroads Slaughter

County Lea Kind of Lease (State, Fed. or Patented) Patented  
If well produces oil or condensate, give location of tanks: Unit D S 29 T 9S R 36E  
Authorized Transporter of Oil or Condensate Cactus Petroleum Company

Address Box 1567, Midland, 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 \_\_\_\_\_ 19 \_\_\_\_\_

OIL CONSERVATION COMMISSION

By \_\_\_\_\_  
Title Engineer District

By [Signature]  
Title District Superintendent

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 district office)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Magnolia Petroleum Company Lease Santa Fe "D"  
Well No. 2 Unit Letter D S 29 T 9S R 36E Pool Crossroads Slaughter  
County Lea Kind of Lease (State, Fed. or Patented) Patented  
If well produces oil or condensate, give location of tanks: Unit S 29 T 9S R 36-E  
Authorized Transporter of Oil or Condensate Cactus Petroleum, Inc.

Address P. O. Box 1567, Midland, Texas  
(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas \_\_\_\_\_  
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:

**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 in pool name.**

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

Executed this the \_\_\_\_\_ day of \_\_\_\_\_ 19\_\_\_\_

By *M. J. Dougherty*  
Title District Superintendent

Approved \_\_\_\_\_ 19\_\_\_\_

Company Magnolia Petroleum Company

OIL CONSERVATION COMMISSION

Address Box 2406, Hobbs, New Mexico

By *[Signature]*

Title \_\_\_\_\_

OIL CONSERVATION COMMISSION

P. O. BOX 2045

HOBBS, NEW MEXICO

DATE December 3, 1957

TO:

Magnolia Petroleum Co.

Box 2406

Hobbs, New Mexico

Gentlemen:

In accordance with the provisions of Commission Order No. R 1089,  
your Santa Fe D #2 29-9-36, which  
lease Well No. S-T-R

is currently listed in the undesignated section of the oil proration  
schedule, will appear in the Crossroads Slaughter Pool in the  
January Proration schedule.

Please file Form C-110 showing the change in pool designation of  
this well.

Yours very truly,

OIL CONSERVATION COMMISSION

R. F. Montgomery  
Proration Manager

RFM/eb

Totco Deviation Survey

<u>Depth</u>	<u>Degrees off Vertical</u>	<u>Depth</u>	<u>Degrees off Vertical</u>
388	1/2	3868	
1028	1/4	4145	3/4
2689	3/4	4485	1 3/4
3649	3/4	4707	3/4

Drill Stem Tests

None.

Core Record

<u>No.</u>	<u>From</u>	<u>To</u>	<u>Rec.</u>	<u>Description</u>
1	4780	4803 $\frac{1}{2}$	53 $\frac{1}{2}$ '	4780-4803 $\frac{1}{2}$ - 23 $\frac{1}{2}$ ' dolomite and anhydrite, no shows. 4803 $\frac{1}{2}$ -4823 - 19 $\frac{1}{2}$ ' dolomite w/trace to pin point porosity, good stain, fluorescence and cut, poor show. 4823-4826 - 3' dolomite, no shows. 4826-4833 $\frac{1}{2}$ - 7 $\frac{1}{2}$ ' dolomite w/trace to 10% pin point and pin head porosity w/inner crystalline porosity, good stain, fluorescence and cut, fair show. 4833 $\frac{1}{2}$ -4834 - $\frac{1}{2}$ ' lost.
2	4834	4870	34 $\frac{1}{2}$ '	Cut 36', recovered 34 $\frac{1}{2}$ ' dolomite w/trace to 10% pin point and pin head and fractured porosity w/good stain and fluorescence, odor and cut.
3	4870	4921	47'	4870-4891 - 21' dolomite, trace to 10% pin point and pin head and fractured porosity, good stain, fluorescence and cut, trace salt water. 4891-4913 - 22' anhydrite and dolomite, no shows. 4913-4915 - 2' dolomite, trace 10% pin point and pin head porosity, fair stain, fluorescence and cut, fair show. 4915-4917 - 2' lime, no shows. 4919-4921 - 2' lost.
4	4921	4951	29'	Cut 30', recovered 29' lime w/very slight stain along fracture.

Acidizing Record or Other Completion Operation

- 7-29-57 Cardinal Chemical Company acidized perforations 4852-4868 w/500 gals. 15% regular acid. TP: 3500-2100#. Injection rate .6 BPM. 5 minutes Shut-in pressure 1500#. Swabbed 18 BLO + 7 RAW 3 hrs.
- 8- 4-57 Cardinal Chemical Company acidized perforations 4810-4824 and 4827-4846 w/2000 gals. 15% regular acid. TP: 2500-2000#. Injection rate 2.6 BPM. 5 minutes Shut-in Pressure 1800#. Swabbed 20 BLO + 48 RAW in 6 hours. Swabbed 16 BNO + 28 BSW in 10 hours.
- 8- 6-57 Cardinal Chemical Company sand oil frac perforations 4810-4824 and 4827-4846 w/8000 gals regular acid + 1# sand per gal. TP: 4300-6200#. Injection rate 20 gals. per minute. Broke formation w/4300#. 5 minutes Shut-in Pressure 2200#.
- 8- 8-57 Cardinal Chemical Company acidized perforations 4810-4824 and 4827-4846 w/3000 gals 15% regular acid. Swabbed 43 BLO + 18 BSW in 24 hours.
- 8-11-57 Cardinal Chemical Company sand-oil frac perforations 4810-4824 and 4827-4846 w/8000 gals 15% regular acid + 4000# sand, spearheaded w/5000 gals 15% regular acid. TP: 3500-4500#. Injection rate 15 BPM. Shut-in 6 hours. TP: 100#. Swabbed 133 BLO + 28 RAW 12 hours.

# REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well  
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Hobbs, New Mexico August 21, 1957  
(Place) (Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Magnolia Petroleum Co. Santa Fe "D", Well No. 2, in NW 1/4 NW 1/4,  
(Company or Operator) (Lease)  
D, Sec. 29, T. 9-S, R. 36-E, NMPM, Crossroads - San Andres Pool  
Unit Letter

Lea County Date Spudded 6-30-57 Date Drilling Completed 8-11-57  
Elevation 4064 G.L. Total Depth 4951 PBTD 4850

Please indicate location:

Top Oil/Gas Pay 474 Name of Prod. Form. San Andres

PRODUCING INTERVAL -

Perforations 4810-4824, 4827-4846

Open Hole Depth Casing Shoe 4951 Depth Tubing 4832

OIL WELL TEST -

Natural Prod. Test: bbls. oil, bbls water in hrs, min. Size Choke

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): \* 60 bbls. oil, 32 bbls water in 24 hrs, min. Size Choke

GAS WELL TEST -

Natural Prod. Test: MCF/Day; Hours flowed Choke Size

Method of Testing (pitot, back pressure, etc.):

Test After Acid or Fracture Treatment: MCF/Day; Hours flowed

Choke Size Method of Testing:

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): 2 acid treatments - 2000 gal 15% IST & 5000 gal - 15% IST  
Casing Tubing 3500 Date first new  
Press. \* PKI Press. 1500 oil run to tanks 8-20-57 #sd.

Oil Transporter Cactus Petroleum Co., Box 1567, Midland, Texas

Gas Transporter

Tubing, Casing and Cementing Record

Size Feet Sax

10 3/4	423	400 circ.
7 5/8	4951	2225 circ.

Remarks: Gravity - 290 @ 60°F

Gas Oil Ratio 629/1

\*Potential on pump @ 15-48" SPM (\*\* final treatment (frac))

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

Approved August 21, 1957. MAGNOLIA PETROLEUM COMPANY  
(Company or Operator)

OIL CONSERVATION COMMISSION

By: C. T. Evans  
(Signature)

By: Title DISTRICT PETROLEUM ENGINEER

Send Communications regarding well to:

Title

Name C. T. Evans

Address P. O. Box 2406 - Hobbs, New Mexico



NEW MEXICO OIL CONSERVATION COM. SSION  
SANTA FE, NEW MEXICO

Form C-110  
Revised 7/1/55

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

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

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

Well No. 2 Unit Letter D S 29 T 98 R 36E Pool Undesignated

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

If well produces oil or condensate, give location of tanks: Unit S 29 T 98 R 36E

Authorized Transporter of Oil or Condensate Cactus Petroleum, Inc.

Address Box 1567, Midland, Texas

(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas \_\_\_\_\_

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:

Flared

Reasons for Filing: (Please check proper box) New Well Original Filing (X)

Change in Transporter of (Check One): Oil ( ) Dry Gas ( ) C'head ( ) Condensate ( )

Change in Ownership \_\_\_\_\_ ( ) Other \_\_\_\_\_ ( )

Remarks: \_\_\_\_\_ (Give explanation below)

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

Executed this the 22 day of August 19 57

By HC Dougherty

Approved \_\_\_\_\_ 19 \_\_\_\_\_

Title District Superintendent

OIL CONSERVATION COMMISSION

Company Magnolia Petroleum Company

By [Signature] Address Box 2406, Hobbs, New Mexico

Title \_\_\_\_\_

NEW MEXICO OIL CONSERVATION COMMISSION  
MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY Magnolia Petroleum Company, P. O. Box 2406, Hobbs, New Mexico  
(Address)

LEASE Santa Fe "D" WELL NO. 2 UNIT D S 29 T 9-S R 36-E  
DATE WORK PERFORMED July 27, 1957 POOL Undesignated

This is a Report of: (Check appropriate block) ☒ Results of Test of Casing Shut-off  
☐ Beginning Drilling Operations ☐ Remedial Work  
☐ Plugging ☐ Other \_\_\_\_\_

Detailed account of work done, nature and quantity of materials used and results obtained.

**4951' T.D.**

**Set 4951' of 7 5/8" csg. @ 4951', cemented w/ 2225 ex., circulated, Plug Down  
3:00 A.M. July 27, 1957. washed out cement to 4914', WOC 48 hrs., Tested 7 5/8"  
csg. w/ 1200# for 30 minutes - No Break.**

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. \_\_\_\_\_ TD \_\_\_\_\_ PBD \_\_\_\_\_ Prod. Int. \_\_\_\_\_ Compl Date \_\_\_\_\_  
Tbng. Dia \_\_\_\_\_ Tbng Depth \_\_\_\_\_ Oil String Dia \_\_\_\_\_ Oil String Depth \_\_\_\_\_  
Perf Interval (s) \_\_\_\_\_  
Open Hole Interval \_\_\_\_\_ Producing Formation (s) \_\_\_\_\_

RESULTS OF WORKOVER:	BEFORE	AFTER
Date of Test	_____	_____
Oil Production, bbls. per day	_____	_____
Gas Production, Mcf per day	_____	_____
Water Production, bbls. per day	_____	_____
Gas-Oil Ratio, cu. ft. per bbl.	_____	_____
Gas Well Potential, Mcf per day	_____	_____
Witnessed by _____		

(Company)

OIL CONSERVATION COMMISSION

Name [Signature]  
Title \_\_\_\_\_  
Date \_\_\_\_\_

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

Name [Signature]  
Position District Superintendent  
Company Magnolia Petroleum Company

NEW MEXICO OIL CONSERVATION COMMISSION  
MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY Magnolia Petroleum Company Box 2406, Hobbs, New Mexico  
(Address)

LEASE Santa Fe "D" WELL NO. 2 UNIT D S 29 T 9S R 36E  
DATE WORK PERFORMED July 1, 1957 POOL Undesignated

This is a Report of: (Check appropriate block) ☒ Results of Test of Casing Shut-off  
☐ Beginning Drilling Operations ☐ Remedial Work  
☐ Plugging ☐ Other \_\_\_\_\_

Detailed account of work done, nature and quantity of materials used and results obtained.

Set 423' of 10 3/4" Csg. @ 423', Cemented w/400 sax.  
circulated, Plug down 9:20 A.M., July 1, 1957.  
Tested 10 3/4" Csg. w/500# for 30 minutes before and after  
drilling plug, no break.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. \_\_\_\_\_ TD \_\_\_\_\_ PBD \_\_\_\_\_ Prod. Int. \_\_\_\_\_ Compl Date \_\_\_\_\_  
Tbng. Dia \_\_\_\_\_ Tbng Depth \_\_\_\_\_ Oil String Dia \_\_\_\_\_ Oil String Depth \_\_\_\_\_  
Perf Interval (s) \_\_\_\_\_  
Open Hole Interval \_\_\_\_\_ Producing Formation (s) \_\_\_\_\_

RESULTS OF WORKOVER:

	BEFORE	AFTER
Date of Test	_____	_____
Oil Production, bbls. per day	_____	_____
Gas Production, Mcf per day	_____	_____
Water Production, bbls. per day	_____	_____
Gas-Oil Ratio, cu. ft. per bbl.	_____	_____
Gas Well Potential, Mcf per day	_____	_____
Witnessed by _____		

(Company)

OIL CONSERVATION COMMISSION

Name \_\_\_\_\_  
Title \_\_\_\_\_  
Date \_\_\_\_\_

I hereby certify that the information given  
above is true and complete to the best of  
my knowledge.  
Name M. Longhugh  
Position District Superintendent  
Company Magnolia Petroleum Company

NEW MEXICO OIL CONSERVATION COMMISSION  
MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY Magnolia Petroleum Company, P. O. Box 2406, Hobbs, New Mexico  
(Address)

LEASE Santa Fe "D" WELL NO. 2 UNIT D S 29 T 9-S R 36-E  
DATE WORK PERFORMED June 30, 1957 POOL Undesignated

This is a Report of: (Check appropriate block) ☐ Results of Test of Casing Shut-off  
☒ Beginning Drilling Operations ☐ Remedial Work  
☐ Plugging ☐ Other \_\_\_\_\_

Detailed account of work done, nature and quantity of materials used and results obtained.

Commenced Drilling 11:30 A.M., June 30, 1957. (Spud Date.)

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY  
Original Well Data:  
DF Elev. \_\_\_\_\_ TD \_\_\_\_\_ PBD \_\_\_\_\_ Prod. Int. \_\_\_\_\_ Compl Date \_\_\_\_\_  
Tbng. Dia \_\_\_\_\_ Tbng Depth \_\_\_\_\_ Oil String Dia \_\_\_\_\_ Oil String Depth \_\_\_\_\_  
Perf Interval (s) \_\_\_\_\_  
Open Hole Interval \_\_\_\_\_ Producing Formation (s) \_\_\_\_\_

RESULTS OF WORKOVER:	BEFORE	AFTER
Date of Test	_____	_____
Oil Production, bbls. per day	_____	_____
Gas Production, Mcf per day	_____	_____
Water Production, bbls. per day	_____	_____
Gas-Oil Ratio, cu. ft. per bbl.	_____	_____
Gas Well Potential, Mcf per day	_____	_____
Witnessed by _____		

OIL CONSERVATION COMMISSION	I hereby certify that the information given above is true and complete to the best of my knowledge.
Name <u>E. J. [Signature]</u>	Name <u>Mal [Signature]</u>
Title _____	Position <u>District Superintendent</u>
Date _____	Company <u>Magnolia Petroleum Company</u>

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

Form C-101  
Revised (12/1/55)

NOTICE OF INTENTION TO DRILL

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. If State Land submit 6 Copies Attach Form C- 128 in triplicate to first 3 copies of form C-101

Hobbs, New Mexico

June 27, 1957

(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

(Company or Operator)

Santa Fe "D"

(Lease)

Well No. 2, in C (Unit)

located 1980 feet from the West line and 660 feet from the

North

line of Section 29, T 9-S, R 36-E, NMPM.

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

D	E	B	A
E	F	G	H
L	K	J	I
M	N	O	P

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 Only

The status of plugging bond is On File

Drilling Contractor Western Drilling Company  
Lubbock, Texas

We intend to complete this well in the San Andres  
formation at an approximate depth of 5,000 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
13 3/4"	10 3/4"	32.75#	New	450'	400
9 5/8"	7 5/8"	24# & 26.40#	New	5000'	1800

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 \_\_\_\_\_

Sincerely yours,

Magnolia Petroleum Company

By \_\_\_\_\_

Position District Superintendent

Send Communications regarding well to  
Magnolia Petroleum Company

Name \_\_\_\_\_

Address Box 2406, Hobbs, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION  
Well Location and Acreage Dedication Plat

Section A.

Date 10/27/57

Operator Magnolia Petroleum Company Lease 3-12-57  
Well No. 1 Unit Letter  Section 29 Township 13N Range 9E NMPM  
Located 100 Feet From Section Line, 100 Feet From Section Line  
County Lincoln G. L. Elevation  Dedicated Acreage  Acres  
Name of Producing Formation Santa Fe Pool 1-1-57

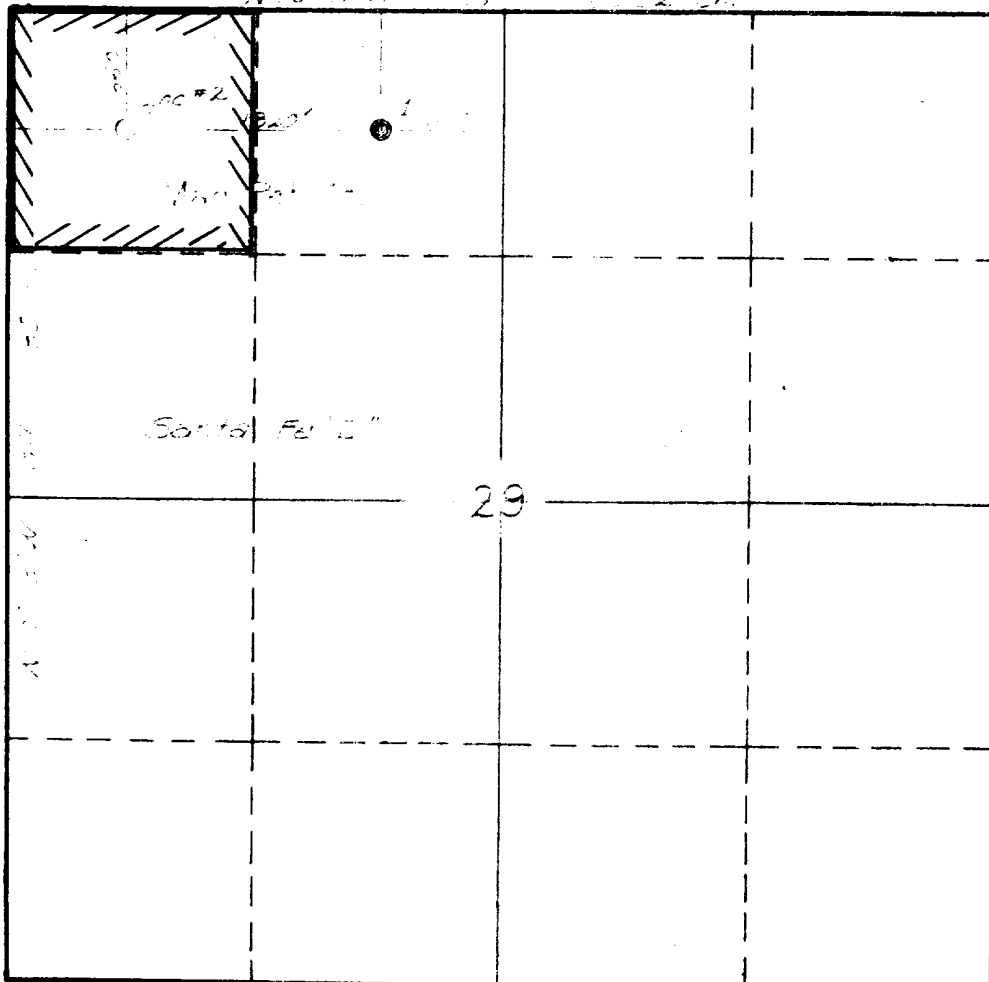
1. Is the Operator the only owner\* in the dedicated acreage outlined on the plat below?  
Yes X No .
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes  No . If answer is "yes," Type of Consolidation
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner

Land Description

<u>Owner</u>	<u>Land Description</u>

Section B.



This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

Magnolia Petroleum Company

(Operator)  
W. H. Hughes  
(Representative)

Box 2406, Hobbs, New Mexico

Address

This is to certify that the well location shown on the plat in Section B 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 10/27/57

Carl E. Turner  
Registered Professional  
Engineer and/or Land Surveyor.

Certificate No. 1000

COUNTY	EA	FIELD	Crossroads	STATE	NM		
OPR	BRUNSON & MC KNIGHT, INC.			API	MN 03615		
NO	1	LEASE	SF "29"	MAP			
	Sec 29, T9S, R36E			COORD			
	660' FNL, 660' FWL of Sec			6-4-29 NM			
	4 mi SE/Crossroads			RE <sup>SPD</sup>	1-8-80 RE <sup>COMP</sup> 6-6-80		
LOG	10 3/4" at 423' w/400 SX 7 5/8" at 4951' w/2025 SX			WELL CLASS: INIT DX FIN D LSE. CODE			
				FORMATION	DATUM	FORMATION	DATUM
	TD 4951' (SADR)			PBD			
DRY & ABANDONED							

CONTR Crawford Well Service OPRSELEV 4074' DF PD 4951' WO

F.R. 1-14-80 OWWO  
 (San Andres)  
 (Orig. Mobil Oil Corp., #2 Santa Fe "D", comp.  
 8-11-57 thru (Slaughter) Perfs 4810-36', OTD  
 4951'; Plugged Producer 1962)  
 6-23-80 TD 4951'; Dry & Abandoned  
 CO to 4905'  
 Perf (San Andres) @ 4814', 4834', 4848', 4853',  
 4856', 4884', 4886' w/2 SPI  
 Acid (4814-86') 3000 gals (15%)  
 Ppd 80 BW w/tr oil in (4814-86')  
 6-28-80 COMPLETION ISSUED  
 6-4-29 NM  
 IC 30-025-70020-80