

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 QUINTUPPLICATE. 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

Fort Worth, Texas

(Place)

July 28, 1959

(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

The Pure Oil Company

(Company or Operator)

South Vacuum Unit

(Lease)

, Well No. 1-27, in I (Unit) The well is

located 1980 feet from the South line and 660 feet from the East line of Section 27, T. 18-S, R. 35-E, NMPM.

(GIVE LOCATION FROM SECTION LINE) South Vacuum Devonian Pool, Lee County

If State Land the Oil and Gas Lease is No. E-1635

If patented land the owner is

Address

We propose to drill well with drilling equipment as follows: Rotary Tools

The status of plugging bond is \$ 10,000 joint bond with

Phillips Petroleum Company

Drilling Contractor Lone Drilling Company

P. O. Box 832

Midland, Texas

We intend to complete this well in the Devonian

formation at an approximate depth of 11,800 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
15"	11-3/4"	42# H-40	New	150'	450 ex. (cement to surface)
11"	8-5/8"	32# & 24# J-55	New	3800'	2000 ex. (cement to surface)
7-7/8"	5-1/2"	20# & 17# N-80	New	11800'	500 ex.

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,

THE PURE OIL COMPANY

(Company or Operator)

By

Position Assistant Division Manager

Send Communications regarding well to

Name The Pure Oil Company

Address P. O. Box 2107, Fort Worth 1, Texas

NEW MEXICO OIL CONSERVATION COMMISSION  
Well Location and Acreage Dedication Plat

Section A.

Date July 28, 1959

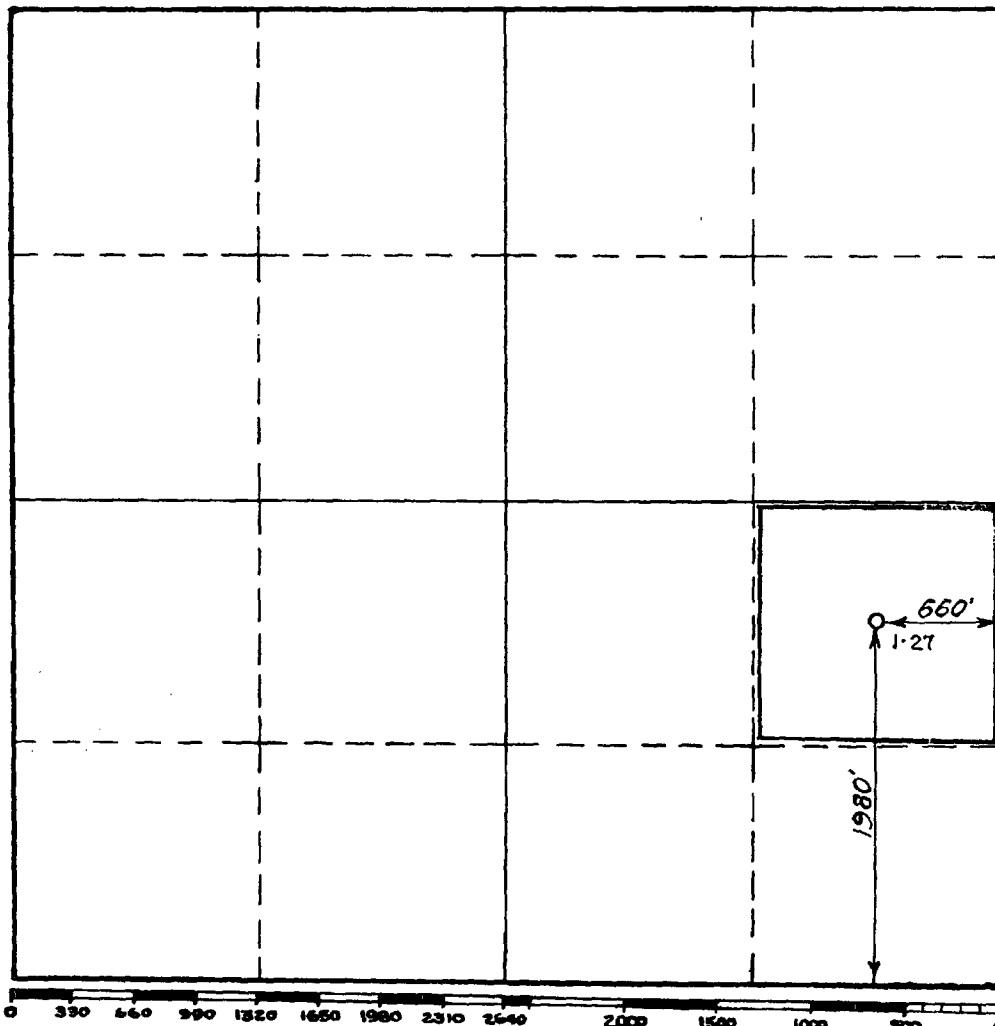
Operator The Pure Oil Company Lease South Vacuum Unit  
Well No. 1-27 Unit Letter I Section 27 Township 18-S Range 35-E NMPM  
Located 1980 Feet From South Line, 660 Feet From East Line  
County Lea G. L. Elevation will advise later Dedicated Acreage 40 Acres  
Name of Producing Formation Devonian Pool South Vacuum Devonian

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

Owner

Land Description

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.

THE PURE OIL COMPANY  
(Operator)

L. T. [Signature]  
(Representative)

P.O. Box 2107, Fort Worth 1, Texas  
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 7-14-59

[Signature]  
Registered Professional  
Engineer and/or Land Surveyor.

Texas  
Certificate No. 5093

(See instructions for completing this form)

NEW MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS OFFICE OCC

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

1958 SEP 9 AM 10:59

COMPANY The Pure Oil Company - Box 671 - Midland, Texas  
(Address)

LEASE South Vacuum Unit WELL NO. 1-27 UNIT I S 27 T 18-S R 35-E  
DATE WORK PERFORMED 8-2-59 POOL South Vacuum (Devonian)  
9-4-59

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.

Spudded 17" hole 8-2-59, drilled to 459', ran 454' of 11-3/4" OD surface casing with cement guide shoe set at 454' SCF, cemented with 525 sacks regular neat cement, pumped plug to 412', maximum pressure 350#, had cement returns to surface. 24 hours WOC. Tested control equipment, casing and cement with 1000#, held 30 minutes OK. Drilled cement inside 11-3/4" casing 412' thru shoe at 454', 11" hole complete 8-10-59 at 3806', ran 3805' of 8-5/8" casing with fill-right float shoe set at 3805', float collar at 3739', cemented with 950 sacks Portland cement with one part stratacrete to two parts cement and 6% gel mixed and 200 sacks portland neat cement, pumped plug to 3739', maximum pressure 1200#, had cement returns to surface. 24 hours WOC. Tested casing and cement with 1000#, held 30 minutes OK. 9-4-59 drilling at 9885'.

8-2-59 24755 J-25

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

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

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

Name W. E. Janssen  
Position Chief Clerk  
Company The Pure Oil Company

NEW MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS

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

COMPANY The Pure Oil Company - Box 671 - Midland, Texas  
(Address)

LEASE South Vacuum Unit WELL NO. 1-27 UNIT I S 27 T 18-S R 35-E

DATE WORK PERFORMED 9-4 to 10-13-59 POOL South Vacuum (Devonian)

This is a Report of: (Check appropriate block)

☒ Results of Test of Casing Shut-off

☐ Beginning Drilling Operations

☐ Remedial Work

☐ Plugging

☒ Other Final completion

Detailed account of work done, nature and quantity of materials used and results obtained.  
Drilled to 11755'. Cut core #1 11660'-670', #2 11670'-712', #3 11712'-755', DST #1 10640'-10868' in the Mississippian. Ran electric logs. Ran 11754' of 5-1/2" OD casing, cemented with 550 sacks of cement with 4% gals mixed, maximum pressure 1100#, 24 hours WOC. Tested casing and cement with 1000# for 30 minutes, held OK. Drilled cement inside 5-1/2" casing 11717' to 11736' (PBD), temperature survey indicated top cement outside 5-1/2" casing at 7690'. Perforated 5-1/2" casing 11652'-659', 11663'-673', 11679'-682', 11687'-689', 11692'-700' and 11705'-713' with four jet shots per foot. Ran TIW packer on 2" tubing to 11576', treated perforations with 500 gallons break down acid.

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

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

Name \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

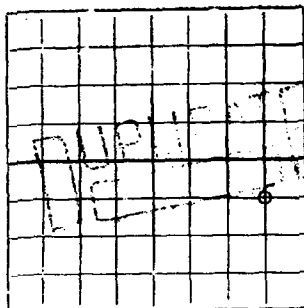
Name \_\_\_\_\_

Position \_\_\_\_\_

Company \_\_\_\_\_

Chief Clerk

The Pure Oil Company



# 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 CORRECTLY

The Pure Oil Company

South Vacuum Unit

(Company or Operator) (Lease)  
Well No. 1-27 in NE  $\frac{1}{4}$  of SE  $\frac{1}{4}$  of Sec. 27, T. 18-S, R. 35-E, NMPM.  
South Vacuum (Devonian) Pool, Lea County.  
Well is 1980 feet from South line and 660 feet from East line  
of Section 27 If State Land the Oil and Gas Lease No. is E-1635  
Drilling Commenced August 2, 1959 Drilling was Completed October 7, 1959  
Name of Drilling Contractor Lowe Drilling Company  
Address P. O. Box 832, Midland, Texas  
Elevation above sea level at Top of Tubing Head 3885' SCF The information given is to be kept confidential until  
19    

## OIL SANDS OR ZONES

No. 1, from 11,572' to 11,765' No. 4, from      to       
No. 2, from      to      No. 5, from      to       
No. 3, from      to      No. 6, from      to     

## IMPORTANT WATER SANDS

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

No. 1, from      to      feet.  
No. 2, from      to      feet.  
No. 3, from      to      feet.  
No. 4, from      to      feet.

## CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
11-3/4"	42#	New	454'	Larkin Guide Shoe			
8-5/8"	32#, 24#	New	3805'	Larkin Full Right Float Shoe			
5-1/2"	20#, 17#	New	11754'	Baker Differential Float and Guide Shoe		* See Below	

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4"	11-3/4"	454'	525	Pump and Plug		
11"	8-5/8"	3805'	1150	Pump and Plug		
7-7/8"	5-1/2"	11754'	550 *	Pump and Plug		
* 50% Trinity Inferno cement & 50% Pozmix						

## RECORD OF PRODUCTION AND STIMULATION

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

\* Perforated 5-1/2" OD Casing 11,652'-11,659' w/ 28 shots; 11,663'-11,673' w/ 40 shots;  
11,679'-11,682' w/ 12 shots; 11,687'-11,689' w/ 8 shots; 11,692'-11,700' w/ 32 shots,  
and 11,705'-11,713' w/ 32 shots. Treated perforations w/ 500 gals. Dowell Break Down  
Acid.

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 11,755 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

## **PRODUCTION**

Put to Producing October 13, 1959

OIL WELL: The production during the first 24 hours was 413.5 barrels of liquid of which 100 % was oil; \_\_\_\_\_ % was emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % was sediment. A.P.I.

Gravity 48.4 @ 60 deg. (based on 13 hour flowing test of 224 bbls. oil thru 16/64" choke)

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>1,750'</u>	T. Devonian _____	T. Ojo Alamo _____	
T. Salt _____	T. Silurian _____	T. Kirtland-Fruitland _____	
B. Salt _____	T. Montoya _____	T. Farmington _____	
T. Yates <u>3,253'</u>	T. Simpson _____	T. Pictured Cliffs _____	
T. 7 Rivers _____	T. McKee _____	T. Menefee _____	
T. Queen <u>4,460'</u>	T. Ellenburger _____	T. Point Lookout _____	
T. Grayburg _____	T. Gr. Wash. _____	T. Mancos _____	
T. San Andres <u>5,010'</u>	T. Granite _____	T. Dakota _____	
T. Glorieta _____	T. Wolfcamp <u>9,402'</u>	T. Morrison _____	
T. Drinkard _____	T. Penn (Strawn) <u>10,331'</u>	T. Penn _____	
T. Tubbs _____	T. Miss. (Chester) <u>10,753'</u>		
T. Abo <u>8,626'</u>	T. Miss. Lime <u>10,844'</u>		
T. Penn _____	T. Woodford <u>11,400'</u>		
T. Miss _____	T. Devonian <u>11,572'</u>		

## **FORMATION RECORD**

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	450	450	Surf rock	10378	10500	122	Shale
450	459	9	Redbeds & shells	10500	10582	82	Lime, sand & shale
459	1537	1078	Redbed	10582	10600	18	Lime & sand
1537	1766	229	Anhydrite	10600	10692	92	Lime & shale
1766	1837	71	Anhydrite & redbed	10692	10715	23	Lime & chert
1837	2187	350	Anhydrite & salt	10715	10723	8	Shale
2187	3025	838	Salt	10723	10830	107	Lime & shale
3025	3132	107	Anhydrite & salt	10830	11261	431	Lime & chert
3132	3335	203	Anhydrite & gypsum	11261	11468	207	Lime & shale
3335	3802	467	Anhy., gypsum & dolomite	11468	11628	160	Shale
3802	3851	49	Lime & anhydrite	11628	11755	127	Lime & dolomite
3851	4245	394	Lime				
4245	6110	1865	Lime & sand		11755		TOTAL DEPTH
6110	7211	1101	Lime				
7211	7920	709	Lime, chert & sand	11755	11736	19	PBTD (Top of cement inside 5-1/2" OD Casing)
7920	8007	87	Lime & sand				
8007	8085	78	Lime & chert				
8085	8432	347	Lime				
8432	8569	137	Lime & chert				
8569	8943	374	Lime, shale & sand				
8943	9006	63	Lime, chert & shale				
9006	9032	26	Lime & shale				
9032	9102	70	Lime				
9102	9278	176	Lime & chert				
9278	10378	1100	Lime, chert & shale				

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 22, 1959

(Date)

Company or Operator The Pure Oil Company

Address P. O. Box 2107, Fort Worth 1, Texas

Name J. L. Suttle

Position Chief Clerk

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

(Form C-104)  
Revised 7/1/57

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.

Midland, Texas

October 17, 1959

(Place)

(Date)

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

The Pure Oil Company

South Vacuum Unit

Well No. 1-27

NE

SE

I (Company or Operator)

27

18-S

(Lease) 35-E

South Vacuum (Devonian)

Pool

Unit Letter  
Lea

County, Date Spudded 8-2-59

Date Drilling Completed 10-7-59

Please indicate location:

Elevation 3005' SD Total Depth 11755' FETD 11736'

Top Oil/Gas Pay 11652' Name of Prod. Form. Devonian

PRODUCING INTERVAL -

Perforations 11652' - 11713'

Open Hole - Depth 11754' Casing Shoe 11576'

OIL WELL TEST -

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

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): 224 bbls. oil, - bbls. water in 13 hrs, - min. Size 16/64"

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): 500 gallons break down acid

Casing 1000# Tubing 4600# Date first new 10-13-59  
Press. - oil run to tanks

Oil Transporter Texas-New Mexico Pipe Line Company

Gas Transporter Phillips Petroleum Company

Tubing, Casing and Cementing Record

Size	Feet	Sax
11-3/4	454	525
8-5/8	3805	1150
5-1/2	11754	550
2	11576	-

Remarks:

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

Approved: OCT 19 1959, 19.

The Pure Oil Company

(Company or Operator)

OIL CONSERVATION COMMISSION

By:

(Signature)

Title:

Chief Clerk

Send Communications regarding well to:

Name: The Pure Oil Company

Box 671

Address: Midland, Texas

By: District

Title:

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 The Pure Oil Company Lease South Vacuum Unit

Well No. 1-27 Unit Letter I S 27 T 18S R 35E Pool South Vacuum (Devonian)

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

If well produces oil or condensate, give location of tanks: Unit G S 35 T 18S R 35E

Authorized Transporter of Oil or Condensate Texas-New Mexico Pipe Line Company

Address Box 1510 - Midland, Texas

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

Authorized Transporter of Gas Phillips Petroleum Company

Address Bartlesville, Oklahoma 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:

Reasons for Filing: (Please check proper box) New Well 10-13-59 ☒ (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 17th day of October 19 59

Approved 1959 19

By W. E. Townsend

Title W. E. Townsend  
Chief Clerk

OIL CONSERVATION COMMISSION

By Engineer District 1

Title \_\_\_\_\_

Company The Pure Oil Company

Address Box 671

Midland, Texas



Revised to change acreage dedication from 40 to 80 acres in accordance with MOC Order No. R-1382-C, Case No. 26

Form C-128  
Revised 5/1/57

MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

Section A.

Date September 30, 1960

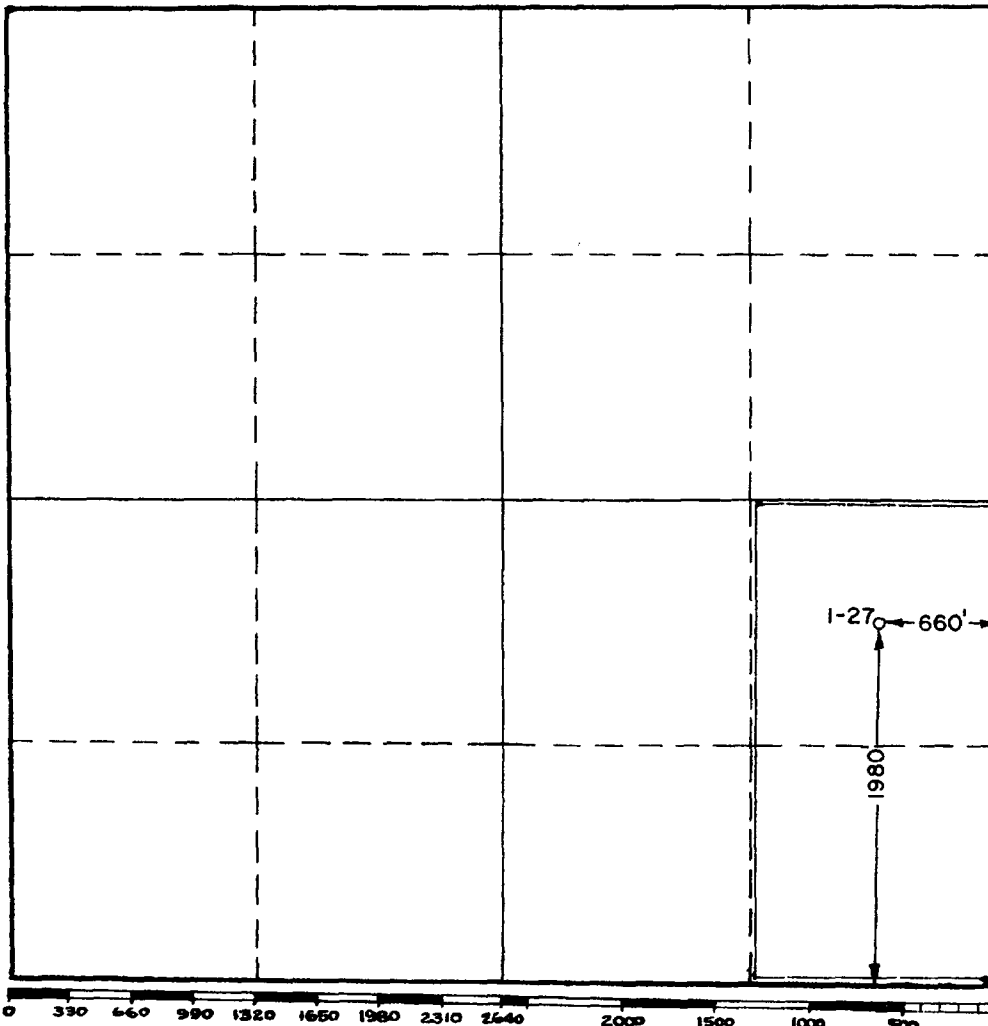
Operator The Pure Oil Company Lease South Vacuum Unit All G 52  
Well No. 1-27 Unit Letter I Section 27 Township 18-S Range 35-E NMPM  
Located 1980 Feet From South Line, 660 Feet From East Line  
County Lea G. L. Elevation 3883' Dedicated Acreage 80 Acres  
Name of Producing Formation Devonian Pool South Vacuum (Devonian)

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

Owner

Land Description

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.

The Pure Oil Company

(Operator)

H. E. Zeigler  
(Representative)

P.O. Box 2532 - Hobbs, N.M.  
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 7-14-59

/s/ R. R. Reid

Registered Professional  
Engineer and/or Land Surveyor.

Certificate No. 5093  
Texas

(See instructions for completing this form on the reverse side)

NEW MEXICO OIL CONSERVATION COMMISSION  
MISCELLANEOUS REPORTS ON WELLS

HOBBS OFFICE O.C.C.

(Submit to appropriate District Office as per Commission Rule 8-1386 AM '64)

COMPANY The Pure Oil Company - P. O. Box 671 - Midland, Texas  
(Address)

LEASE South Vacuum Unit WELL NO. 1-27 UNIT I S 27 T 18-S R 35-E-  
DATE WORK PERFORMED May 1, 1964 POOL Vacuum Devonian South

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

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

This well was temporarily abandoned July 1, 1963.

At the present time, there are no plans to attempt re-completion of this well.

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 J. F. Wilkinson  
Position District Office Manager  
Company The Pure Oil company

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		NOTICE OF INTENTION TO PLUG BACK		NOTICE OF INTENTION TO SET LINER	
NOTICE OF INTENTION TO SQUEEZE		NOTICE OF INTENTION TO ACIDIZE	X	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

Midland, Texas  
(Place)

July 2, 1963  
(Date)

Gentlemen:

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

State-Sea " " Well No. 1 in \_\_\_\_\_  
(Company or Operator) Lease (Unit)  
No. 1/4 of Sec. 6, T. 10-S, R. 30-E, NMPM, West Crossroads Devonian Pool  
(40-acre Subdivision)  
\_\_\_\_\_  
\_\_\_\_\_  
County.

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

Perforate 3-1/2" casing 12,10'-12,020' and acidize all perforations 12,008'-12,020'  
with 500 gallons regular acid to increase fluid volume.

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

Approved  
OIL CONSERVATION COMMISSION

By \_\_\_\_\_  
Title \_\_\_\_\_

The \_\_\_\_\_ Company  
Company or Operator  
By \_\_\_\_\_  
Position \_\_\_\_\_  
Send Communications regarding well to:

Name \_\_\_\_\_  
Address \_\_\_\_\_

TRADE AND WELL: Santa Vachon Well, 11-37

DISTRICT AND FIELD: Grand (S. & W. Co.)

DATE      REMARKS

- 5-3-63 Moved in, rigged up D.A. set, pulling drift. Unseated packer--swabbed tbg. down 5000'. Pulled out hole w/Kose csg. Pump w/TIW Packer. Shut down over night.
- 5-4-63 Rigged up a ran Welex junk basket to 11,725' TD. ran Baker Retrievable Bridge Plug on wire line w/10 jts. tbg. for weight to 11,642'. Plug tight last 40'. Ran csg. perforating; pump & perforated 5 1/2" csg. from 11,634 to 11,630'; 11,614 to 11,610'; 11,613 to 11,616'; 11,604 to 11,608'; 11,596 to 11,593'; 11,577 to 11,590' w/2 shots per foot. ran in hole w/2" tbg. TIW packer @ 11,590'. Tag. set open end @ 11,630'; packer @ 11,532' w/3 jts. tbg. 30' and Baker Packer in hole below TIW packer. Packer hanging free.
- 5-5-63 Rigged up Halliburton acid truck, loaded hole w/leaser oil. Spotted 500 gals. MSA acid over packer. From 11,577 to 11,634' w/400 # pressure on csg. Shut down. Set packer w/10,600' wt. Pumped 1/2 bbl./min. 1000#, increased to 3/4 bbl./min w/press. increased to 1200#, shut down. Let acid soak. Max. inject rate 3 1/2 bbl./min.; max. press. 2200#. Press. increasing--maintain injection 1 1/2 bbl./min. w/press. increasing to 2700#. Increase rate to 1 BPM @ 3000# press. 5 hrs. swabbing. Swabbed load oil & swabbing water. Sp. from 5000' fluid @ 4000' from surface. Could not lower fluid. Shut down 1/2 hr., fluid rose 700' in hole. (45 bbls. oil flush)
- 5-6-63 Unseat TIW packer. Checked Baker bridge plug. Plug would not take weight or could not set plug. Lowered tag. 40', started taking weight. Retrieved plug, pulled up hole & stuck @ 11,655', would not go either way. Unlatched from plug. Pulled out hole w/tag. TIW packer & retrieving head. Ran Welex collar locator, checked measurements & found plug @ 11,655'. Ran in hole w/Baker retrievable bridge plug. TIW packer. Set bridge plug 10' above plug #1 @ 11,645' w/3 jts. pipe below TIW packer. Tag. set @ 11,600'. Set TIW packer @ 11,500'. Shut down over night.
- 5-7-63 5 hrs. swabbed to pit. Fluid swabbed down to 7,000'. Broke thru, came up to 5200' while going in hole. Came up to 3100' while swabbing. Evidence of communications. Pulled out hole w/TIW & bridge plug. Preparing for cement squeeze job.
- 5-8-63 Ran in hole w/Halliburton RTTS squeeze tool set @ 11,560'. Loaded csg. w/1000# press. Pumped down tag. Max. 3000# inj. rate 2 BPM. Spotted 50 sxs. cement w/1% Haled 9. Pumped 8 bbls. cement in formation w/4000#. Formation broke. Shut down 15 mins. Press. to 1000# moved 1/2 bbl. press. 1000#. Waited 35 mins. Reversed 1/2 bbl. excess cement out. Lowered RTT tool to 11,624' - reversed tool cement out. Raised tool to 11,560' & set. Pressured up on pack side w/500#. Shut down. Closed well in at 2:30 PM 5-8-63. W.O.C.
- 5-9-63 Swabbed 5 hrs. Swabbed tbg. down to 10,100'. Unseated Halliburton RTTS tool, tagged bottom, found 10' cement in 5 1/2" csg. from 11,645-55'. Preparing to acidize.

(cont'd)

- 5-10-63 Set & tested RTTS tool. Lowering log. 11,477'. Spotted 500 gals. HCl & 1000 gals. 15% HCl acid. 11,477' to 11,577'. Pulled tool up to 11,550' & set. Acid on spot with 3.5 hrs. @ 1000# w/900# on csg. Moved acid every 5 mins. Increasing pressure, took @ 2900#. Started injecting HCl acid @ 1 1/2 BPM (400 gals./hr), let in 30 mins. Completed injecting HCl, low down injection rate for 12 hr from 2900# to 4900#, injection rate 1.2 BPM. Shut down press. 1500# 1 hr. 600#. Sled press. off tog. 5 hrs. suction 12 bbls. Load oil & acid & formation water. Very fine skim oil. Water coming from all perforations.
- 5-11-63 Unseated RTTS tool. Raised to 11,564'. Spotted 35 bbls. cement. Reset tool @ 11,364'. Squashed cement in formation max. press. 4000#. Displaced cement to 11,477' top cement plug. Let set 15 mins. Unset tool. Laid down 370 jts. 11,550' 2-5/8" CD tool tag. & Halliburton RTTS tool. Well plugged from 11,477 to 11,645' w/part of cement squeezed into formation thru perfs. from 11,577 to 11,634'. Waiting on order to P & A.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS NOTICES

1963 JUL 11 AM 10 28

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	X	NOTICE OF INTENTION TO PLUG BACK		NOTICE OF INTENTION TO SET LINER	
NOTICE OF INTENTION TO SQUEEZE	X	NOTICE OF INTENTION TO ACIDIZE	X	NOTICE OF INTENTION TO SHOOT (Nitro)	
NOTICE OF INTENTION TO GUN PERFORATE	X	NOTICE OF INTENTION (OTHER)		NOTICE OF INTENTION (OTHER)	

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Midland, Texas  
(Place)

July 9, 1963  
(Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the The Pure Oil Company

South Vacuum Unit

Well No. 1-27 in I

(Company or Operator)

Lessee

(Unit)

NE 1/4 Sec. 27, T. 18-N, R. 35-W, NMPM, South Vacuum (Devonian) Pool

(40-acre Subdivision)

Lea County.

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

Squeeze Devonian perforations in 5-1/2" casing 11,521'-11,713' w/50 sacks cement.  
Perforate 5-1/2" casing 11,643' to 11,590' w/64 shots. Acidize perforations 11,590' to 11,643' w/2,000 gallons. Swat test for production.

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

Approved  
OIL CONSERVATION COMMISSION

By \_\_\_\_\_  
Title \_\_\_\_\_

The Pure Oil Company  
Company or Operator

By D. L. Proctor

Position District Superintendent  
Send Communications regarding well to:

Name The Pure Oil Company

Address Box 571 - Midland, Texas

NEW MEXICO OIL CONSERVATION COMMISSION  
MISCELLANEOUS REPORTS ON WELLS

HOBBS OFFICE O.C.C.

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

DEC 9 9 17 AM '63

COMPANY The Pure Oil Company - Box 671 - Midland, Texas  
(Address)

LEASE South Vacuum Unit WELL NO. 1-27 UNIT I S 27 T 18-S R 35-E

DATE WORK PERFORMED July 1, 1963 POOL Vacuum Devonian South

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

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

Closed choke and valves. Well temporarily abandoned July 1, 1963. Please remove this well from the proration schedule.

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 Leslie H. Clements  
Title \_\_\_\_\_  
Date \_\_\_\_\_

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

Name J. F. Wilkinson  
Position District Office Manager  
Company The Pure Oil Company

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS NOTICES

HOBBS OFFICE O. C. C.  
DEC 9 9 18 AM '63

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	X	NOTICE OF INTENTION TO DRILL DEEPER	
NOTICE OF INTENTION TO PLUG WELL		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

Midland, Texas  
(Place)

December 4, 1963  
(Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the South Vacuum Unit Lease

The Pure Oil Company

(Company or Operator)

Well No. 1-27 in I (Unit)

NE 1/4 SE 1/4 of Sec. 27, T. 18-S, R. 35-E, NMPM, Vacuum Devonian South Pool

(40-acre Subdivision)

County.

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

Close choke and valves, and temporarily abandon well.

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

Approved  
OIL CONSERVATION COMMISSION  
By F. S. Clement  
Title.....

The Pure Oil Company  
Company or Operator  
By J. F. Wilkinson  
Position District Office Manager  
Send Communications regarding well to:  
Name The Pure Oil Company  
Address Box 671 - Midland, Texas



NEW MEXICO OIL CONSERVATION COMMISSION  
MISCELLANEOUS REPORTS ON WELLS

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

10-28

COMPANY The Pure Oil Company - Box 571 - Dallas, Texas  
(Address)

LEASE South Vacuum Unit WELL NO. 1-27 UNIT 1 S 27 T 18- R 35-L  
DATE WORK PERFORMED \_\_\_\_\_ POOL South Vacuum (Devonian)

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.  
Complete resume of workover attached.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 3890' TD 11,755' PBD 11,736' Prod. Int. \_\_\_\_\_ Compl Date 10-13-59  
Tbng. Dia 2" Tbng Depth 11,550' Oil String Dia 5-1/2" Oil String Depth 11,754'  
Perf Interval (s) 11,652'-59', 11,663'-73', 11,673'-82', 11,677'-89', 11,692'-11,700', 11,701'-13'  
Open Hole Interval \_\_\_\_\_ Producing Formation (s) Devonian

RESULTS OF WORKOVER:	BEFORE	AFTER
Date of Test	<u>3-2-63</u>	<u>5-10-63</u>
Oil Production, bbls. per day	<u>1.35</u>	<u>Trace</u>
Gas Production, Mcf per day	<u>0</u>	<u>0</u>
Water Production, bbls. per day	<u>275</u>	<u>202</u>
Gas-Oil Ratio, cu. ft. per bbl.	<u>4.7</u>	<u>TTD</u>
Gas Well Potential, Mcf per day	<u>-</u>	<u>-</u>
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 J. F. Wilkinson  
Position District Office Manager  
Company The Pure Oil Company

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

MISCELLANEOUS NOTICES

HOBBS OFFICE O. C. C.  
MAY 28 1 08 PM '64

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	X	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

Midland, Texas  
(Place)

May 27, 1964  
(Date)

Gentlemen:

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

The Pure Oil Company  
(Company or Operator)

South Vacuum Unit

Well No. 1-27

in I

(Unit)

NE 1/4 SE 1/4 of Sec. 27, T. 18-S, R. 35-E, NMPM, Vacuum Devonian South Pool

(40-acre Subdivision)

Lea

County.

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

Run correlation log, perforate Wolfcamp and Lower Leonard with 1 jet shot per foot as follows: Wolfcamp - 9694'-9699', 9706'-9711' and 9749'-9756'; Lower Leonard - 8988' - 8993', 9005'-9008', 9019'-9024', and 9031'-9034'. Run retrievable bridge plug, packer and 2-3/8" OD tubing, set bridge plug at approximately 9820' and packer at approximately 9640'. Swab test Wolfcamp. Acidize Wolfcamp perforations with 2000 to 3000 gallons LT-NE acid and test. After sufficient testing of Wolfcamp, pull bridge plug and packer up hole, set bridge plug at approximately 9100' and packer at approximately 8960'. Swab test Lower Leonard. If necessary, acidize Lower Leonard perforations with 2000 to 3000 gallons LT-NE acid, possibly using ball sealers, and test.

JUN 1 1964

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

Approved  
OIL CONSERVATION COMMISSION

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

The Pure Oil Company

Company Operator

By

J. F. Wilkinson

Position

District Office Manager

Send Communications regarding well to:

Name The Pure Oil Company

Address Box 671 - Midland, Texas

NEW MEXICO OIL CONSERVATION COMMISSION  
MISCELLANEOUS REPORTS ON WELLS

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

COMPANY The Pure Oil Company P. O. Box 671 Midland, Texas 79701  
(Address)

LEASE South Vacuum Unit WELL NO. 1-27 UNIT I S 27 T 18-S R 35-E  
DATE WORK PERFORMED 7-21-64 POOL Undesignated  
8-18-64

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

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

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	<u>        </u>	<u>8-18-64</u>
Oil Production, bbls. per day	<u>        </u>	<u>151</u>
Gas Production, Mcf per day	<u>        </u>	<u>129</u>
Water Production, bbls. per day	<u>        </u>	<u>2</u>
Gas-Oil Ratio, cu. ft. per bbl.	<u>        </u>	<u>854</u>
Gas Well Potential, Mcf per day	<u>        </u>	<u>-</u>

Witnessed by         

(Company)

OIL CONSERVATION COMMISSION

Name J. F. Wilkinson  
Title District Office Manager  
Date 8-18-64

I hereby certify that the information given above is true and complete to the best of my knowledge.  
Name J. F. Wilkinson J. F. Wilkinson  
Position District Office Manager  
Company The Pure Oil Company

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

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

**FORM C-110**  
 (Rev. 7-60)

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

Company or Operator <b>The Pure Oil Company</b>				Lease <b>South Vacuum Unit</b>	Well No. <b>1-27</b>
Unit Letter <b>I</b>	Section <b>27</b>	Township <b>18-S</b>	Range <b>35-E</b>	County <b>Lea</b>	

Pool <b>Undesignated</b>	Kind of Lease (State, Fed, Fee) <b>State</b>				
If well produces oil or condensate give location of tanks	Unit Letter <b>G</b>	Section <b>35</b>	Township <b>18-S</b>	Range <b>35-E</b>	

Authorized transporter of oil <input checked="" type="checkbox"/> or condensate <input type="checkbox"/>  <b>Texas - New Mexico Pipe Line Company</b>	Address (give address to which approved copy of this form is to be sent)  <b>P. O. 1510 Midland, Texas</b>
---	--

Is Gas Actually Connected? Yes ☐ No ☒

Authorized transporter of casing head gas <input checked="" type="checkbox"/> or dry gas <input type="checkbox"/>  <b>Phillips Petroleum Company</b>	Date Connected <i>Marked</i>	Address (give address to which approved copy of this form is to be sent)  <b>Bartlesville, Oklahoma</b>
--	---------------------------------	---

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

**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 type="checkbox"/> Dry Gas <input type="checkbox"/>                |  |
| Casing head gas <input type="checkbox"/> Condensate <input type="checkbox"/> |  |

Remarks
---------

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

Executed this the 19 day of June, 1964.

OIL CONSERVATION COMMISSION		By <i>J. F. Wilkinson</i>
Approved by <i>[Signature]</i>	Title <b>District Office Manager</b>	<b>J. F. Wilkinson</b>
Title <b>The Pure Oil Company</b>	Company <b>The Pure Oil Company</b>	
Date <b>June 19, 1964</b>	Address <b>P. O. Box 671 Midland, Texas 79701</b>	

# 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 QUADRUPPLICATE 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.

Midland, Texas August 19, 1964  
(Place) (Date)

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

The Pure Oil Company, South Vacuum Unit, Well No. 1-27, in NE 1/4, SE 1/4,  
(Company or Operator) (Lease)

I, Sec. 27, T. 18-S, R. 35-E, NMPM, Undesignated Pool  
(Unit Letter)

Lea County, Date Spudded 8-2-59, Date Drilling Completed 10-7-59

Please indicate location:

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

Elevation 3,885' SCF Total Depth 11,755' FBID 9,650'

Top Oil/Gas Pay 8,988' Name of Prod. Form. Bone Springs

## PRODUCING INTERVAL -

Perforations 8,988' - 9,034'

Open Hole - Depth Casing Shoe 11,754' Depth Tubing 8,927'

## 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): 151 bbls. oil, 2 bbls water in 24 hrs, - min. Size Choke Pumping

## 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):

5,000 Gallons 15% LINE Acid

Casing Tubing Date first new

Press. 2,800# oil run to tanks July 30, 1964

Oil Transporter Texas - New Mexico Pipe Line Company

Gas Transporter Phillips Petroleum Company

Remarks: This well originally completed in the Devonian formation 10-13-59. The Devonian was temporarily abandoned 7-1-63. This test is a result of recompletion in the Bone Springs formation.

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

Approved: 19

The Pure Oil Company

(Company or Operator)

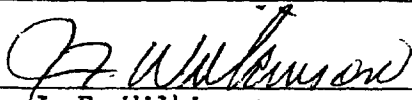
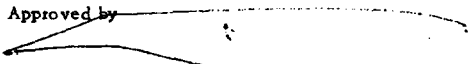
By: J. F. Wilkinson (Signature)

OIL CONSERVATION COMMISSION

Title: District Office Manager  
Send Communications regarding well to:

Name: The Pure Oil Company  
P. O. Box 671

Address: Midland, Texas 79701

NUMBER OF COPIES RECEIVED DISTRIBUTION SANTA FE FILE U.S.G.S. LAND OFFICE TRANSPORTER OIL GAS PRODUCTION OFFICE OPERATOR		NEW MEXICO OIL CONSERVATION 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>The Pure Oil Company</b>			Lease <b>South Vacuum Unit</b>	Well No. <b>1-27</b>
Unit Letter <b>I</b>	Section <b>27</b>	Township <b>18-S</b>	Range <b>35-E</b>	County <b>Lea</b>
Pool <b>South Vacuum-Bone Springs</b>			Kind of Lease (State, Fed, Fee) <b>State</b>	
If well produces oil or condensate give location of tanks		Unit Letter <b>G</b>	Section <b>35</b>	Township <b>18-S</b>
		Range <b>35-E</b>		
Authorized transporter of oil <input checked="" type="checkbox"/> or condensate <input type="checkbox"/> <b>Texas-New Mexico Pipe Line Company</b>			Address (give address to which approved copy of this form is to be sent) <b>P. O. Box 1510          Midland, Texas</b>	
Is Gas Actually Connected? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
Authorized transporter of casing head gas <input checked="" type="checkbox"/> or dry gas <input type="checkbox"/> <b>Phillips Petroleum Company</b>		Date Connected <b>9- 1-64</b>	Address (give address to which approved copy of this form is to be sent) <b>Bartlesville, Oklahoma</b>	
If gas is not being sold, give reasons and also explain its present disposition:				
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 type="checkbox"/> Dry Gas ..... <input type="checkbox"/> Casing head gas ..... <input type="checkbox"/> Condensate ..... <input type="checkbox"/>				
Filed per letter dated November 9, 1964, from the Oil Conservation Commission, placing this well in the South Vacuum-Bone Springs pool.				
Remarks				
The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.				
Executed this the <u>16th</u> day of <u>November</u> , 19 <u>64</u> .				
OIL CONSERVATION COMMISSION			By 	
Approved by 			Title <b>J. F. Wilkinson          District Office Manager</b>	
Title			Company <b>The Pure Oil Company</b>	
Date			Address <b>P. O. Box 671          Midland, Texas 79701</b>	

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

SEP 11 10 21 AM '65

**I. Operator**  
 Union Oil Company of California  
 Address  
 P. O. Box 671 - Midland, Texas, 79701  
 Reason(s) for filing (Check proper box)  
 New Well ☐ Change in Transporter of:  
 Recompletion ☐ Oil ☐ Dry Gas ☐  
 Change in Ownership ☒ Casinghead Gas ☐ Condensate ☐  
 Other (Please explain)  
 Union Oil Company of California,  
 successor by merger, effective  
 August 1, 1965.  
 If change of ownership give name  
 and address of previous owner The Pure Oil Company - P. O. Box 671 - Midland, Texas, 79701

**II. DESCRIPTION OF WELL AND LEASE**

Lease Name South Vacuum Unit 27	Lease No. E-1635	Well No. 1	Pool Name, Including Formation Vacuum Bone Springs South	Kind of Lease State, Federal or Fee State
Location Unit Letter <u>I</u> : <u>1980</u> Feet From The <u>South</u> Line and <u>660</u> Feet From The <u>East</u> Line of Section <u>27</u> Township <u>18 South</u> Range <u>35 East</u> , NMPM, <u>Lea</u> 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"/> Texas-New Mexico Pipe Line Company	Address (Give address to which approved copy of this form is to be sent) P. O. Box 1510 - Midland, Texas, 79701
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> Phillips Petroleum Company	Address (Give address to which approved copy of this form is to be sent) Phillips Building - Odessa, Texas, 79761
If well produces oil or liquids, give location of tanks. Unit <u>G</u> Sec. <u>35</u> Twp. <u>18-S</u> Rge. <u>35-E</u>	Is it actually connected? <u>Yes</u> When <u>September 1, 1964</u>

If this production is commingled with that from any other lease or pool, give commingling order number: Admin. Order PG-233

**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 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	Casing Pressure	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.

J. F. Wilkinson (Signature)  
 District Office Manager (Title)  
 September 7, 1965 (Date)

**OIL CONSERVATION COMMISSION**

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 multiply completed wells.

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

# NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
E-1635	

## 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 Union Oil Company of California		8. Farm or Lease Name South Vacuum Bone Spring
3. Address of Operator P. O. Box 671 Midland, Texas 79701		9. Well No. 1
4. Location of Well UNIT LETTER I, 1980 FEET FROM THE South LINE AND 660 FEET FROM THE East LINE, SECTION 27 TOWNSHIP 18-S RANGE 35-E NMPM.		10. Field and Pool, or Wildcat South Vacuum Bone Spring
15. Elevation (Show whether DF, RT, GR, etc.) 3885' SCF		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 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 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 1703.

10-24-70 Verbal approval obtained from Mr. L. A. Clements on proposed plugging operations as follows:

50 sx 9200-8800' to cover perforations at 8988-9034'  
35 sx at 5-1/2" casing stub.  
35 sx at top of Delaware, if above 5 1/2" casing stub.  
35 sx at top of San Andres, if above the stub.  
40 sx in and out of 8-5/8" casing shoe at 3805'.  
15 sx 30' to Surface.

Install abandonment marker, as per N.M.O.C.C. Rules and Regulations.

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

SIGNED J.R. Gray TITLE District Drilling Supt. DATE 10-26-70

APPROVED BY [Signature] TITLE [Signature] DATE [Signature]

CONDITIONS OF APPROVAL, IF ANY:



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

# NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. <b>E-1635</b>
7. Unit Agreement Name
8. Farm or Lease Name <b>South Vacuum Bone Spring</b>
9. Well No. <b>1</b>
10. Field and Pool, or Wildcat <b>South Vacuum Bone Spring</b>
12. County <b>Lea</b>

**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"/>
2. Name of Operator <b>Union Oil Company of California</b>
3. Address of Operator <b>P. O. Box 671 Midland, Texas 79701</b>
4. Location of Well UNIT LETTER <b>I</b> 1980 FEET FROM THE <b>South</b> LINE AND <b>660</b> FEET FROM THE <b>East</b> LINE, SECTION <b>27</b> TOWNSHIP <b>19-S</b> RANGE <b>35-E</b> NMPM.
15. Elevation (Show whether DF, RT, GR, etc.) <b>3885' SCF</b>

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

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

Cement plugs as follows:

- Plug #1 50 sx. 9200-8770' to cover perforations @ 8988-9034'
- #2 40 sx. 5125-4650' to cover cut in 5-1/2" casing @ 5022'
- #3 70 sx. 4028-3558' in 5-1/2" casing. 8-5/8" shoe @ 3805', w/5-1/2" casing cut off @ 3790'
- #4 15 sx. 70' to Surface in 8-5/8" casing

Installed abandonment marker and left well P. A. 12/30/70.

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

SIGNED <u>John R. Gray</u>	J.R. Gray TITLE <u>District Drilling Supt.</u>	DATE <u>11-2-70</u>
APPROVED BY <u>John W. Rungman</u>	TITLE <u>Manager</u>	DATE <u>DEC 8 1970</u>
CONDITIONS OF APPROVAL, IF ANY:		

COUNTY	LEA	FIELD	Vacuum, South	ST.	N.M.	OWWO
OPR	THE PURE OIL COMPANY					MAP
	1-27 South Vacuum Unit					
	Sec. 27, T-18-S, R-35-E					CO-ORD
	1980' fr S Line & 660' fr E Line of Sec.					
	Re-Spud 7-21-64					CLASS
	Re-Comp 7-30-64					owd 38992
		FORMATION	DATUM	FORMATION	DATUM	
CSG & SX - TUBING						
11 3/4" 454' 525						
8 5/8" 3805' 1150						
5 1/2" 11754' 550						
LOGS EL GR RA IND HC A						
	TD 11755', PBD 9650'					

IP Bone Spring Perfs 8988-9034' Pmpd 151 BOPD + 2 BW. Pot.  
Based on 24 hr test, gravity 36.8, GOR 854.

Distribution limited and publication prohibited by subscribers' agreement.  
Reproduction rights reserved by Williams & Lee Scouting Service, Inc.

CONT.	PROP DEPTH	TYPE
DATE		

F.R.C. 9-17-64; OWWO, OTD 11755'.  
Orig. comp in Devonian (11652-11713') & Temp.  
Abd. 7-1-63.  
9-14-64 TD 11755', PBD 9650', COMPLETED.  
Perf (Wolfcamp) 9694-99', 9706-11', 9749-56'  
W/1 SPF  
Perf (Bone Spring) 8988-93', 9005-08', 9019-24',  
9031-34' W/1 SPF  
Ac. 4000 gals. (9694-9756')  
Swbd & Tstd 9694-9756'; Will not attempt  
completion of Wolfcamp at this time.  
Ac. 5000 gals. (8988-9034')  
Set Packer @ 9650'.

## CONTINUED VACUUM BLINERBY

WELL S T R	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	YR-PROD	UP	ACCU
9912617S34E OIL	589	549	650	802	545	427	472	440	321	373	301	313	579P		71550
GAS	7130	6941	6797	7428	7154	6765	5586	7245	6305	2642	2110	2057	6917P		
WAT	59	55	5	80	55	44	47	44	28	25	20	20	530		
BRIDGES STATE															
11F2517S34E OIL	86	89							68	69	174	95	531P		37316
GAS	245	312							491	315	300	40	1225		
WAT	475	489	523	664	694	585	587	688	782	662	517	214	2772		
13E2517S34E OIL	277	241	1024	1083	1221	1181	1087	1796	676	635	88	632	6738P		90782
GAS	572	533	147	166	174	146	147	172	2028	1905	17	63	7432		
WAT	173	178	156	199	208	176	176	203	191	436	190	2493P		35339	
32C2517S34E OIL	1108	967	392	320	360	349	321	324	754	59	41	92	5226		49953
GAS	173	178	156	199	208	176	176	203	191	436	190	2493P			
WAT	70	89	24	66	69	59	59	69	59	41	92	32	749		
STATE I															
2L3617S34E OIL	215	188	157	211	161	205	191	186	160	155	156	147	2172P		26510
GAS	2638	2368	3420	2873	2818	2495	2422	2476	2093	3603	3426	3571	34203		
WAT	2185	2097	2241	2758	2207	1884	1945	2004	1782	1834	1676	2021	24634		527263
COMPANY TOTAL OIL	13360	12665	13737	14003	13767	12872	11145	13384	12172	7432	7011	7512	139063		
GAS	1103	1136	439	526	443	365	379	402	3214	3127	1106	831	13071		
WAT															
SHELL OIL COMPANY															
SWIGART															
212517S34E OIL															3509
RECOMPLETED TO VACUUM GLORIETA															
TEXACO INCORPORATED (BUCKEYE DISTRICT)															
NEW MEXICO O STATE NCT I															
14J3617S34E OIL															23188
GAS	42	36	44	30	35	34	34	54	46				355P		45409
WAT	1234	982	1086	1018	993	53	45	42	62				5515		
15I3617S34E OIL													116		
GAS															
WAT															
16H3617S34E OIL															
GAS															
WAT															
19F3617S34E OIL															
GAS															
WAT															
20E3617S34E OIL															
GAS															
WAT															
21G3617S34E OIL															
GAS															
WAT															
22M3617S34E OIL															
GAS															
WAT															
23O3617S34E OIL															
GAS															
WAT															
NEW MEXICO O STATE															
50Z217S34E OIL															27620
GAS															15513
WAT															8585
6P217S34E OIL															
GAS															
WAT															
8J217S34E OIL															
GAS															
WAT															
COMPANY TOTAL OIL	230	176	174	133	161	152	152	206	183	200	185		1952		217967
GAS	2761	2199	2218	2777	2221	2119	204	253	253	603	180		15197		
WAT	236	177	218	169	210	199	204	253	253	603	180		2702		
VACUUM BONE SPRINGS, SOUTH															
ATLANTIC RICHFIELD COMPANY															
LEA 403 STATE															
1C2218S35E OIL															78781
JAKE L. HAMON															
TEXAS GULF A STATE															
1K2718S35E OIL	187	168	207	205	205	204	124	186	215	650	514	516	3381P		42908
GAS	284	208	263	260	305	466	109	58		285	663	745	3646		
MOBIL OIL CORPORATION															
STATE F															
2H2718S35E OIL PLUGGED AND ABANDONED 1969															480
THE PURE OIL COMPANY															
LEA F															
1P2218S35E OIL PLUGGED AND ABANDONED 1960															6146
SINCLAIR OIL CORPORATION															
LEA 405 STATE															
1C2718S35E OIL PLUGGED AND ABANDONED 1966															2142
UNION OIL COMPANY OF CALIFORNIA															
SOUTH VACUUM															
112718S35E OIL	122	126	139	139	122	115	117	124					1000		35750
GAS	84	112	124	120	124	120	124	124					932		
WAT															
PLUGGED AND ABANDONED 1970															
VACUUM DEVONIAN															
DEV															
12M TO 13M															
MARATHON OIL COMPANY															
MCCALLISTER STATE															
5M2517S34E OIL															7471
MOBIL OIL CORPORATION															
BRIDGES STATE															
95P2617S34E OIL															37333
STATE CC															
1L3617S34E OIL															8909
COMPANY TOTAL OIL															46242
TEXACO INCORPORATED (BUCKEYE DISTRICT)															
NEW MEXICO O STATE NCT I															
11F3617S34E OIL	1002	1005	470										2009P		349439
GAS	11800	13200											25470		
WAT															
17N3617S34E OIL															
GAS	1002	1005	470										2009		491546
WAT	11800	13200											25470		
COMPANY TOTAL OIL															
WAT															
TIDEWATER OIL COMPANY															
STATE F															
8C3617S34E OIL ZONE ABANDONED															778
VACUUM DEVONIAN, MID															
DEV															
11M TO 12M															
ATLANTIC RICHFIELD COMPANY															
LEA 403 STATE															
5F1718S35E OIL	1233	1104	1276	1114	780	910	555	874	666	897	789	787	10980P		161607
GAS	192	512	338	338	254	444	325	843	691	986	953	5928			
WAT	18569	16655	19217	16777	11747	13705	8358	13162	15744	21205	18652	18486	192248		
6B1718S35E OIL	3396	3036	3511	3065	2134	2486	1519	2393	2341	3154	2776	2109	31920P		282705
GAS	1151	1883	1448	877	641	1139	838	628	658	942	912	1702	12909		
WAT	19459	17396	20118	17562	12292	14319	8749	13784	18762	22583	19876	19677	202577		
LEA 4C11 STATE															
1N 818S35E OIL	2966	2750	2788	2770	1902	2465	2407	2430	1722	2319	1887	1908	28314P		253518
GAS	2160	1775	1811	1690	1177	1753	1823	1844	1400	1949	1672	1602	20656		
WAT	83374	63525	64403	63987	43936	56492	55602	56133	48099	64654	52610	55141	708316		
COMPANY TOTAL OIL	7595	6890	7575	6949	4816	5861	4481	5697	4729	6370	5452	4799	71214		697830
GAS	3503	4170	3649	2905	2072	3336	2986	3315	2740	3877	3537	3394	39493		
WAT															

1970

SOUTHEASTERN NEW MEXICO

I N D E X

<u>VOLUME I</u>	<u>PAGE</u>
ACTIVITY DATA BY COUNTY AND POOL	I
MONTHLY, ANNUAL AND CUMULATIVE OIL, GAS AND WATER PRODUCTION BY COUNTY	XVII
MONTHLY, ANNUAL AND CUMULATIVE OIL, GAS AND WATER BY POOL	XVII
MONTHLY, ANNUAL AND CUMULATIVE DRY GAS AND DISTILLATE BY POOL	XXX
MONTHLY, ANNUAL AND CUMULATIVE OIL, GAS AND WATER BY OPERATOR	1-425
MONTHLY, ANNUAL AND CUMULATIVE DRY GAS AND DISTILLATE BY OPERATOR	426-466
EXTRACTION PLANTS	467-473
CARBON BLACK PLANTS	473
SUMMARY OF ALLOCATION	473
BOTTOM HOLE PRESSURES	474-483
ANNUAL 72-HOUR GAS WELL SHUT-IN PRESSURES	484-502

ABBREVIATIONS IN METHOD OF PRODUCTION COLUMN

A ABANDONED	N NOT CONNECTED
D DEAD	P PUMPING
F FLOWING	S SHUT-IN
G GAS LIFT	T TEMPORARILY ABANDONED
I INPUT	X PERMANENTLY ABANDONED
U TEMPORARILY ABANDONED AND REPORTS DISCONTINUED BY OPERATOR	

LAND TYPE CODES

P PATENT
F FEDERAL
S STATE
U UNIT
C COMMUNITIZATION



## I N D E X

### VOLUME I

### PAGE

#### SOUTHEASTERN NEW MEXICO

1964 OIL PRODUCTION BY POOLS	2
1964 CASINGHEAD GAS PRODUCTION BY POOLS	2
1964 WATER PRODUCTION BY POOLS	2
1964 DRY GAS PRODUCTION BY POOLS	13
1964 DISTILLATE PRODUCTION BY POOLS	13
MONTHLY OIL PRODUCTION BY POOLS	15
MONTHLY CASINGHEAD GAS PRODUCTION BY POOLS	15
MONTHLY WATER PRODUCTION BY POOLS	15
MONTHLY DRY GAS PRODUCTION BY POOLS	26
MONTHLY DISTILLATE PRODUCTION BY POOLS	26
MONTHLY OIL, WATER AND GAS PRODUCTION BY OPERATORS	28-334
MONTHLY GAS AND DISTILLATE PRODUCTION BY OPERATORS	335-361
EXTRACTION PLANTS	362-367
CARBON BLACK PLANTS	367
SUMMARY OF ALLOCATION	367
BOTTOM HOLE PRESSURES	368-390
ANNUAL 72 HOUR SHUT-IN PRESSURES	391-403

#### ABBREVIATIONS IN METHOD OF PRODUCTION COLUMN

A	ABANDONED, CONVERTED, ETC.	T	TEMPORARILY ABANDONED
D	DEAD	X	PERMANENTLY ABANDONED
F	FLOWING	N	NOT CONNECTED
G	GAS LIFT	P	PUMPING
I	INPUT	S	SHUT IN

#### ABBREVIATIONS IN TYPE OF PRODUCTION COLUMN

*	OIL OR DISTILLATE PRODUCTION
G	DRY GAS OR CASINGHEAD GAS PRODUCTION
W	WATER PRODUCTION