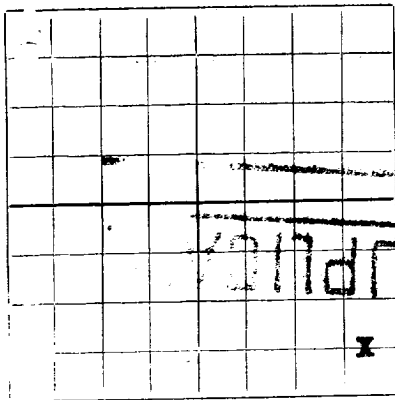


N.



AREA 640 ACRES  
LOCATE WELL CORRECTLY

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

### WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-100 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPPLICATE.

**The Atlantic Refining Company**  
(Company or Operator)

**Federal - Jones**  
(Lease)

Well No. **4**, in **SE**  $\frac{1}{4}$  of **SE**  $\frac{1}{4}$ , of Sec. **34**, T. **14-S**, R. **37-E**, NMPM.

**Denton - Wolfeamp** Pool, **Lea** County.

Well is **330** feet from **East** line and **600** feet from **South** line

of Section **34**. If **Federal** Land the Oil and Gas Lease No. is **L. C. 005254**

Drilling Commenced **December 26**, 19 **52** Drilling was Completed **February 27**, 19 **53**

Name of Drilling Contractor **Parker Drilling Company**

Address **National Bank of Tulsa Bldg., Tulsa, Oklahoma**

Elevation above sea level at Top of Tubing Head **3622' DF** The information given is to be kept confidential until **May 1**, 19 **55**

#### OIL SANDS OR ZONES

No. 1, from **9338** to **9388** 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
<b>13-5/8"</b>	<b>48</b>	<b>New</b>	<b>359</b>	<b>HOWCO</b>			
<b>9-5/8"</b>	<b>36 &amp; 40</b>	<b>New</b>	<b>4707</b>	<b>Haker</b>			
<b>7"</b>	<b>23 &amp; 26</b>	<b>New</b>	<b>4914</b>	<b>HOWCO</b>		<b>9338-9388</b>	<b>To Produce</b>

#### MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<b>17 1/2"</b>	<b>13-5/8"</b>	<b>374</b>	<b>350</b>	<b>Pump</b>		
<b>12 1/2"</b>	<b>9-5/8"</b>	<b>4721</b>	<b>3000</b>	<b>"</b>	<b>?</b>	<b>104 Sacks</b>
<b>8-5/4"</b>	<b>7"</b>	<b>9500</b>	<b>400</b>	<b>"</b>	<b>?</b>	<b>7 1/2 Sacks</b>

#### RECORD OF PRODUCTION AND STIMULATION

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

**Acidized Wolfeamp formation through perfs 9338-9388 w/2500 gallons Chemical Process**

**Type J-5 Acid.**

Result of Production Stimulation **Satisfactory**

Depth Cleaned Out \_\_\_\_\_

CORD 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 9500 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing February 27, 19 53

OIL WELL: The production during the first 24 hours was 300 barrels of liquid of which 99.5 % was oil; % was emulsion; % water; and 5 % was sediment. A.P.I. Gravity 44.6

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	T. Devonian	T. Ojo Alamo
T. Salt	T. Silurian	T. Kirtland-Fruitland
B. Salt	T. Montoya	T. Farmington
T. Yates	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	T. McKee	T. Menefee
T. Queen	T. Ellenburger	T. Point Lookout
T. Grayburg	T. Gr. Wash	T. Mancos
T. San Andres 4690	T. Granite	T. Dakota
T. Glorieta 6156		T. Morrison
T. Drinkard		T. Penn
T. Tubbs		
T. Abo 8104		
T. Penn		
T. Miss		
T. Wolf 9285		

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	383	383	Redbed				
383	600	217	Redbed & Shale				
600	1762	1162	Redbed & Anhy				
1762	2051	289	Shale & Shells				
2051	3085	1034	Salt & Anhy				
3085	4028	943	Anhy				
4028	4252	224	Anhy & Shells				
4252	4628	376	Anhy				
4628	4667	39	Anhy & Gyp				
4667	5810	1143	Lime				
5810	5835	25	Lime & Sand				
5835	9500	3665	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.

Company or Operator The Atlantic Refining Company Address P. O. Box 1038, Denver City, Texas  
Name J. M. W. C. Position or Title District Superintendent  
March 2, 1953 (Date)