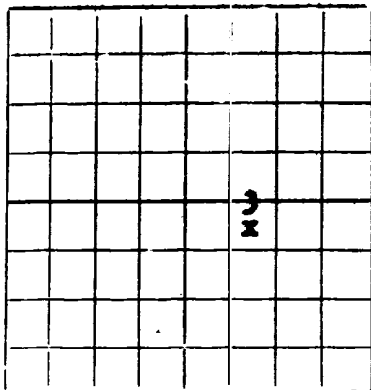




AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

1957 FEB 27 AM 10:30
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

The Atlantic Refining Company
(Company or Operator)

State "AK"
(Lease)

Well No. 3, in Lot 10, 1/4 of Sec. 3, T. 21-S, R. 35-E, NMPM.
Burnet Pool, Lea County.

Well is 330 feet from North line and 330 feet from East line
of Section 3. If State Land the Oil and Gas Lease No. is E. 6952

Drilling Commenced February 2, 1957 Drilling was Completed February 20, 1957

Name of Drilling Contractor Lemance Drilling Company

Address Box 2686 Midland, Texas

Elevation above sea level at Top of Tubing Head 3606 DF
May 22nd, 1957 The information given is to be kept confidential until

OIL SANDS OR ZONES

No. 1, from 3890 to 3900 No. 4, from to
No. 2, from 3842 to 3877 No. 5, from to
No. 3, from 3735 to 3781 (0) 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 None 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
<u>9-5/8"</u>	<u>36#</u>	<u>Used</u>	<u>300.38</u>	<u>Larkin</u>			<u>Surface</u>
<u>5 1/2"</u>	<u>14#</u>	<u>New</u>	<u>162.46</u>				
<u>5 1/2"</u>	<u>15.5#</u>	<u>"</u>	<u>3764.63</u>	<u>HOWCO</u>		<u>3890'-3900'</u>	<u>Oil String</u>
<u>2-3/8" Tbg.</u>	<u>4.7#</u>	<u>"</u>	<u>3866.97</u>				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>12 1/2"</u>	<u>9-5/8"</u>	<u>310.88</u>	<u>200</u>	<u>Pump</u>		
<u>8-3/4"</u>	<u>5 1/2"</u>	<u>3935.89</u>	<u>1400</u>	<u>"</u>		
<u>8-3/4"</u>	<u>2-3/8"</u>	<u>Tbg. 3875.77</u>				

RECORD OF PRODUCTION AND STIMULATION

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

2-17: Acidized perf. 3890'-3900' w/500 gals. MCA acid.

2-19: Sandfraced perf. 3890'-3900' w/3000 gals. lease crude oil and 3000# "20-40" Ottawa sand.

Result of Production Stimulation 2-17: Satisfactory

2-19: Potential test 2-21-57

Depth Cleaned Out

Log will be furnished when available.

1. ORDER 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 1935 feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing..... 19 **57**

OIL WELL: The production during the first 24 hours was 193.92 barrels of liquid of which 96.1 % was
was oil; % was emulsion; 3.9 % water; and % was sediment. A.P.I.
Gravity 38.2

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

COUNTY NEW HAMPSHIRE		COUNTY NEW HAMPSHIRE	
T. Anhy.....	1765	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....		T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	3604	T. Montoya.....	T. Farmington.....
T. Yates.....	3811	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.....		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	1600	1600	Red bed				
1600	1800	230	" " , shale, anhydrite				
1800	3345	1515	" " , salt, "				
3345	3743	398	Anhydrite, lime, gyp				
3743	3945	192	Lime, sand				

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**

Name H.A. Carr

NAME _____

Address: **Box 1038 Denver City, Texas**

Position or Title **District Supt.**

2-25-57

Date _____

DEWIL 6342 1351

DST #1: 2-13-57 - No Test

DST #2: 2-13-57 - Testing Yates 3728'-3780'. 2 7 $\frac{1}{8}$ " packers, bottom packer set @ 3728'. No water cushion. Chokes: bottom 5/8", top 5/16". Tool open 1 hr. & 45 mins. Strong blow gas at surface in 2 mins. Closed well in 45 mins. to by gas separator & rig up 2" orifice well tester w/1 $\frac{1}{2}$ " orifice plate. Surface PSI 535#. Open to 5/16" choke 1 hr. Surface PSI 500#. Closed tool @ 3:00 P.M. for 30 mins. SIP. Recovered 750' DM & 1269 MCF/Day. Hyd. in 2110#; Hyd. out 2008#; ITP 530#; FFP 775#.

DST #3: 2-14-57 - Testing Yates from 3787'-3831'. 2 7 $\frac{1}{8}$ " packers set @ 3787'. No water cushion. Chokes: top 1", bottom 5/8". Open tool @ 4:20 P.M. Open for 1 hr. Weak blow air. Gas at surface 15 mins. Weak blow throughout test. Closed tool @ 5:20 P.M. for 30 mins. SIP. Pulled packer loose @ 5:50 P.M. Pulled out of hole. Recovered 580' DM. Hyd. in 2115#; ITP 185#; FFP 935#; Hyd. out 2090#; PSIP 1100#.

DST #4: 2-15-57 - Testing Seven Sisters 3881'-3925'. 2 7 $\frac{1}{8}$ " packers. Bottom packer set @ 3881'. No water cushion. Chokes: 5/8" bottom, 1" top. Open tool 6:30 P.M. Very weak blow air throughout test. Closed tool @ 7:30 P.M. for 30 mins. SIP. Pulled packer loose. Pulled out of hole. Recovered 270' drilling mud. Slight show oil. Bottom 2' mud had oil show. Hyd. in 2125#; ITP 105#; FFP 105#; Hyd. out 2125#; PSIP 150#.

ILLEGIBLE
