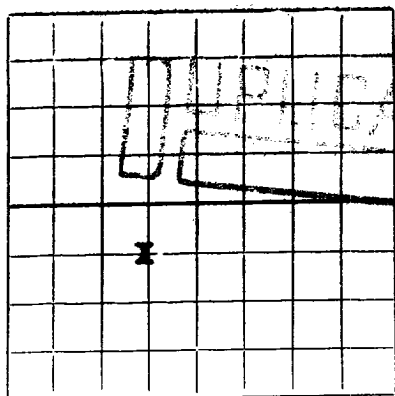


### NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

INDEX OFFICE 000

WELL RECORD M 2:45



AREA 640 ACRES  
LOCATE WELL CORRECTLY

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.

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

**Scale (Federal)**  
(Lease)

Well No. 2, in NE  $\frac{1}{4}$  of SW  $\frac{1}{4}$ , of Sec. 34, T. 20-S, R. 36-E, NMPM.

Well is Mont Gas Pool, Lea County.

Well is 660 feet from North line and 660 feet from East line

of Section 34. If State Land the Oil and Gas Lease No. is.....

Drilling Commenced 8:00 A.M., 8-30, 19 55. Drilling was Completed 4:15 P.M., 9-17, 19 55.

Name of Drilling Contractor Coats Drilling Company

Address 1110 Tenth Street, Lubbock, Texas

Elevation above sea level at Top of Tubing Head 3576.40 (THP). The information given is to be kept confidential until December 29, 19 55.

#### 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..... 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>8-5/8</u>	<u>24</u>	<u>New</u>	<u>252.86</u>	<u>Larkin</u>			<u>Surface</u>
<u>5 1/2</u>	<u>14</u>	<u>New</u>	<u>1886.80</u>	<u>Howco</u>		<u>3788'-3803'</u>	<u>Oil String</u>
						<u>3834'-3850'</u>	
						<u>3749'-3776'</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>11</u>	<u>8-5/8</u>	<u>266.70'</u>	<u>200</u>	<u>Pump</u>		<u>40</u>
<u>7-7/8</u>	<u>5 1/2</u>	<u>3899.00</u>	<u>1550</u>	<u>Pump</u>		<u>1550</u>

#### RECORD OF PRODUCTION AND STIMULATION

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

9-27-55. Perforations 3749 - 3776 acidized w/500 gallons 10% acid and sandfraced w/10000 gallons and 10000# sand resulting in completing as a gas producer.

Result of Production Stimulation..... mp

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 3900 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

**PRODUCTION**

Put to Producing September 29, 1955

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

GAS WELL: The production during the first 24 hours was 1200 M.C.F. plus none barrels of  
 liquid Hydrocarbon. Shut in Pressure 980 lbs.

Length of Time Shut in 8 hours

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

**Southeastern New Mexico**

**Northwestern New Mexico**

- |                          |                |                       |
|--------------------------|----------------|-----------------------|
| T. Anhy. <u>1640</u>     | T. Devonian    | T. Ojo Alamo          |
| T. Salt                  | T. Silurian    | T. Kirtland-Fruitland |
| B. Salt                  | T. Montoya     | T. Farmington         |
| T. Yates. <u>3445</u>    | T. Simpson     | T. Pictured Cliffs    |
| T. 7 Rivers. <u>3714</u> | 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	1165	1165	Red Bed	3546	3622	76	Lime
1165	1400	235	Red Bed & Shale	3622	3649	27	Dolomite
1400	1585	185	Shale	3649	3693	44	Lime & Sand
1585	1650	65	Shale & Red Bed	3693	3718	25	Dolomite & Sand
1650	1755	105	Anhydrite & Gyp	3718	3882	164	Lime & Sand
1755	1980	225	Red Bed, Shale, Anhydrite and Salt Streak	3882	3900	18	Lime
1980	2524	544	Salt and Anhydrite				
2524	2725	201	Red Shale, Anhydrite, & Salt				
2725	2865	140	Anhydrite & Salt				
2865	3088	223	Anhydrite				
3088	3138	50	Anhydrite & Red Shale				
3138	3206	68	Anhydrite & Gyp				
3206	3240	34	Anhydrite & Gypsum				
3240	3298	58	Anhydrite & Lime				
3298	3400	102	Anhydrite & Gyp				
3400	3430	30	Anhydrite, Gyp, & Lime				
3430	3525	95	Anhydrite & Lime				
3525	3546	21	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.

10-20-55  
(Date)

Company or Operator The Atlantic Refining Co. Address P. O. Box 1038, Denver City, Texas  
 Name Norman A. Carr Position or Title District Superintendent