

PLICATION

HOBBBS OFFICE OCC New Mexico

1959 SEP 20 PM 2:46

AREA 640 ACRES
LOCATE WELL CORRECTLY

The Atlantic Refining Company
(Company or Operator)

State "AK"
(Leave)

Well No. 1, in NE ¼ of SE ¼, of Sec. 3, T. 21-S, R. 35-E, NMPM.

Eumont (Seven Rivers)

Pool 100

County.

Well is 330 feet from East line and 660 feet from North line

of Section 3 If State Land the Oil and Gas Lease No. is 6952

Drilling Commenced July 10, 1956 Drilling was Completed July 27, 1956

Name of Drilling Contractor.....**Lakness Drilling Company**.....

Address..... **Box 2686 Midland, Texas**

Elevation above sea level at ~~Top of Tubing Head~~ **3599 DF** The information given is to be kept confidential until
December 10, 19**56**

No. 1, from 3858 to 3868 No. 4, from.....to.....
No. 2, from.....to..... No. 5, from.....to.....
No. 3, from.....to..... No. 6, from.....to.....

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.

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8-5/8"	2 1/2#	New	314.19	Larkin			Surface
5-1/2"	1 1/2#	New	3901.15	Baker		3858'-3868'	Oil String
2-1/2" Tbg.	6.5#	New	3837.26				

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4"	8-5/8"	325.19'	225	Pump		
7-7/8"	5-1/2"	3910.05	450	Pump		
	2-1/8"	3844.72				

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

7-31: Spotted 500 gal. acid on perf. 3858'-3868'; 8-1: Fractured perf. 3858'-3868' w/5000# sand & 5000 gal. Famarris crude. Spotted 500 gal. 15% LTHM acid; 8-5: Acidized perf. 3706'-3738' w/1000 gal. 15% LTHM mud acid; 8-6: Fractured perf. 3706'-3738' w/10,000# sand and 10,000 gal. Famarris crude; 8-9: Acidized w/1000 gal. Reg. 15% acid perf. 3756'-3769'.

Result of Production Stimulation Treatments on 7-31 & 8-1-56 resulted in potential test of 383.82

NOTE: Treatments of 8-5, 8-6 & 8-9-56 failed to increase production. Electric logs will be furnished as soon as available.

Depth Cleaned Out

1 **ORD OF DRILL-STEM AND SPECIAL TEST**

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 3910 feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing August 2nd, 1956

OIL WELLS: The production during the first 24 hours was 383.82 barrels of liquid of which 100 % was oil; 0 % was emulsion; 0 % water; and 0 % was sediment. A.P.I. Gravity 31

GAS WELLS: 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

T. Anhy 1752
T. Salt _____
B. Salt _____
T. Yates 3554
T. 7 Rivers 3771
T. Queen _____
T. Grayburg _____
T. San Andres _____
T. Glorieta _____
T. Drinkard _____
T. Tubbs _____
T. Abo _____
T. Penn _____
T. Miss _____

T. Devonian _____
T. Silurian _____
T. Montoya _____
T. Simpson _____
T. McKee _____
T. Ellenburger _____
T. Gr. Wash _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____

Northwestern New Mexico

T. Ojo Alamo _____
T. Kirtland-Fruitland _____
T. Farmington _____
T. Pictured Cliffs _____
T. Menefee _____
T. Point Lookout _____
T. Mancos _____
T. Dakota _____
T. Morrison _____
T. Penn _____
T. _____
T. _____
T. _____

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1363	1363	Red Bed	3527	3546	19	Lime
1363	1465	102	" " & Shale	3546	3572	26	Anhy. Lime
1465	1771	306	" " " Anhy.	3572	3666	94	" & Sand
1771	1835	64	Anhy.	3666	3727	61	" " Lime
1835	3305	1470	" & Salt	3727	3775	48	Sand-Lime
3305	3330	25	"	3775	3814	39	Lime
3330	3344	14	" " Gyp	3814	3852	38	Sand
3344	3387	43	"	3852	3897	45	Sand-Lime
3387	3490	103	" " "	3897	3910	13	Lime T.D.
3490	3527	37	" " " & 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.

SEP 1 1956
(Date)

Company or Operator The Atlantic Refining Company

Address Box 1038 Denver City, Texas

Name Norman A. Carr

Position or Title District Superintendent