



AREA 640 ACRES  
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

NOTES OFFICE

Santa Fe, New Mexico

1962 JUL 13 AM 12 03

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)

Graham  
(Lease)

Well No. 1, in SW 1/4 of SE 1/4, of Sec. 15, T. 15 S., R. 38 E., NMPM.

Undesignated Pool, Lea County.

Well is 660 feet from South line and 1980 feet from East line

of Section 15. If State Land the Oil and Gas Lease No. is

Drilling Commenced May 12, 1962. Drilling was Completed July 3, 1962

Name of Drilling Contractor B. L. McFarland, Inc.

Address 3612 West Wall St., Midland, Texas

Elevation above sea level at ground level 3740'. The information given is to be kept confidential until

Not confidential, 19

OIL SANDS OR ZONES

No. 1, from 12776' to 12850' 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
13 3/8	48#	New	328	Guide			Surface
9 5/8	32.3, 36, 40#	New	4910	Float			Intermediate
5 1/2	17 & 20#	New	12834	Float		12788-12800'	Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/4	13 3/8	347	375	Pump and Plug		
12 1/4	9 5/8	4926	2700	" "		
8 3/4	5 1/2	12850	580	" "		

RECORD OF PRODUCTION AND STIMULATION

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

Treated Devonian perms 12,788-12,800' with 500 gals 15% mud acid and 1000 gals 15% ISTNE

HCl acid. FRD 5000 to 750#. Avg and final treating press 750#. Avg inj rate 1 BPM.

Result of Production Stimulation See potential test on back.

Depth Cleaned Out 12,822

# 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 12850 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Put to Producing July 11, 1962

OIL WELL: The production during the first 24 hours was 280 barrels of liquid of which 99.2 % was oil; 0 % was emulsion; 0 % water; and 8/10 % was sediment. A.P.I. Gravity 44.9° & 40.7

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	2218		T. Devonian	12776	T. Ojo Alamo
T. Salt	1300		T. Silurian		T. Kirtland-Fruitland
B. Salt	1200		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	4856		T. Granite		T. Dakota
T. Glorieta	6412		T. Wolfcamp	9248	T. Morrison
T. Drinkard			T. Upper Mississippian	11334	T. Penn
T. Tubbs			T. Woodford	12662	T.
T. Abo	8192		T.		T.
T. Penn	10590		T.		T.
T. Miss	L. 11960		T.		T.

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	2200	2200	Red beds and sands				
2200	4700	2500	Anhydrite, salt, sand, shale				
4700	8190	3490	Dolomite				
8190	9240	1050	Dolomite, shale anhydrite				
9240	9850	610	Limestone and shale				
9850	10600	750	Dolomite				
10600	11070	470	Cherty lime				
11070	11334	264	Shale and sand				
11334	11960	626	Lime, chert and shale				
11960	12776	816	Soft shale				
12776	12850	74	Dolomite				

Notes Schlumberger ran 10 point directional survey from 5000' to TD. Copy is attached. Survey indicated bottom of hole located 99' in a direction N36°E from bottom of intermediate casing. DST #1s Testing O.H. 12,781-12,832' Devonian, 5/8" WC, 1" TC, 2500' water cushion. Tool open 1 hr and 50 minutes. OTS in 1 hr. WC to surface 1 hr 30 min. OTS 1 hr 45 min. Flowed well to pit for 5 min on 1" choke, 8 1/2 FT. loss 12,882' of gas cut oil. BEP 6035, BEP 4830, BEP 1800, BEP 4000, BEP 1692, BEP 6035, BEP 1507

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.

July 16, 1962

The Atlantic Refining Co.  
Company or Operator  
Name  
Address  
Post  
Dist. Drilg. Supervisor