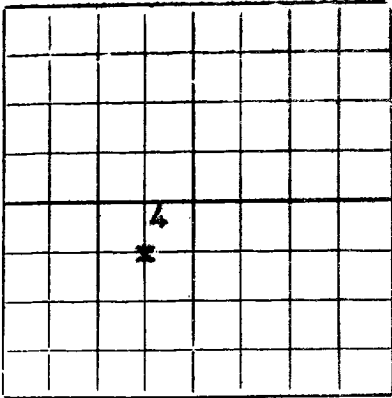




HOERS RESERVE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
1957 FEB 8 AM 10:14
WELL RECORD

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

AREA 640 ACRES
LOCATE WELL CORRECTLY

The Atlantic Refining Company
(Company or Operator)

State AL
(Lease)

Well No. 4, in NE 1/4 of SW 1/4, of Sec. 25, T. 22-S, R. 35-E, NMPM.
Jalmat Pool, Lea County.

Well is 1980 feet from South line and 1980 feet from West line
of Section 25. If State Land the Oil & Gas Lease No. is E 8077

Drilling Commenced Jan. 1, 1957. Drilling was Completed Jan. 17, 1957.

Name of Drilling Contractor Jennings Drilling Co.

Address Box 877, Hobbs, New Mexico

Elevation above sea level at Top of Tubing Head 3580 DF
May 5, 1957. The information given is to be kept confidential until

OIL SANDS OR ZONES

No. 1, from 3812 to 3832 No. 1, 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 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
8-5/8"	21#	New	298.07	Larkin			Surface
5 1/2"	14#	New	3947.50	HOWCO		3812-3832	Oil String
2" Tbg.	6.7#	Used	3768.37				

MUDDING AND CEMENTING RECORD

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"	312.27	300	Pump		
7-7/8"	5 1/2"	3960.00	1450	Pump		
7-7/8"	2" Tbg.	3779.17				

RECORD OF PRODUCTION AND STIMULATION

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

1-15: Treated perf. 3812-3832 with 500 gals. MCA mud acid and fraced with 5000 gals. oil and 5000# sand.

1-19: Fraced perf. 3812-3832 with 15,000 gals. oil and 15,000# sand.

Result of Production Stimulation. 1-15: Unsatisfactory

1-19: Resulted in potential test of 79 BOPD.

Depth Cleaned Out

Radioactivity logs will be filed when available.

F O R D 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 3960 feet and from feet to feet
Cable tools were used from feet to feet and from feet to feet

PRODUCTION

Put to Producing February 3, 1957

OIL WELL: The production during the first 24 hours was 89 barrels of liquid of which 89 % was oil; % was emulsion; 11 % water; and % was sediment. A.P.I. Gravity 37

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. 1714	T. Devonian	T. Ojo Alamo
T. Salt	T. Silurian	T. Kirtland-Fruitland
B. Salt	T. Montoya	T. Farmington
T. Yates 3714	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	1381	1381	Redbed				
1381	3718	2337	Anhydrite, gyp, salt				
3718	3800	82	Anhydrite, gyp, lime				
3800	3857	57	Anhydrite, gyp, sand, lime				
3857	3960	103	Anhydrite, 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 Box 1038, Denver City, Texas
Name N. A. Carr Position District Superintendent
2-4-57 (Date)