

Santa Fe, New Mexico

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WELL RECORD

[illegible]

AREA 640 ACRES
LOCATE WELL CORRECTLY.

The Atlantic Refining Company
(Company or Operator)

State "BA"

(Lease)

Well No. 1, in NE $\frac{1}{4}$ of NE $\frac{1}{4}$, of Sec. 34, T. 7-S, R. 35-E, NMPM.

Undesignated Pool, Roosevelt County.

Well is 990 feet from North line and 990 feet from East line

of Section 34 If State Land the Oil and Gas Lease No. is OG-90

Drilling Commenced August 18, 19 64 Drilling was Completed August 27, 19 64.

Name of Drilling Contractor.....Cactus Drilling Corporation.....

Address..... P. O. Box 32, Midland, Texas.....

Derrick Floor 1203

Elevation above sea level at Top of ~~Testing Point~~ 4203' The information given is to be kept confidential until
, 19.....

OIL SANDS OR ZONES

No. 1, from 4110 to 4180 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
8-5/8	24#	New	321.34	Guide			
4-1/2	9.5	New & Used	449.20	Float		See Below	

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	332.94	200 sx	Pump & Plug		
7-7/8	4-1/2	4430.00	250 sx	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

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

Perforated Lower San Andres 4354-64 & 4376-89; treated w/500 gal. mud acid, 2000 gal. 15% ISTNE, swabbed water only. Set BP at 4340'. San Andres perfs 4214-19 & 4231-38: Acid Job #1, 500 gal. mud acid, 2000 gal. Reg. acid. Job #2: 10,000 gal. of 15% ISTNE, frac'd w/54000 gal. + 55000# 20/40 sd. Non-Commercial gas. Set BP at 4200'. San Andres

Result of Production Stimulation.....

perfs 4129-33, 4145-48 & 4173-78, no treatment.

Depth Cleaned Out.....4200'

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 4430 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing December 3, 1964
OIL WELL: The production during the first 24 hours was barrels of liquid of which % was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity
GAS WELL: The production during the first 24 hours was 782 M C.F. plus 3 barrels of liquid Hydrocarbon. Shut in Pressure 1031 lbs.
Length of Time Shut in 1 hour

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

Southeastern New Mexico			Northwestern New Mexico		
T. Anhy.	1899		T. Devonian		T. Ojo Alamo
T. Salt.	2162		T. Silurian		T. Kirtland-Fruitland
B. Salt.	2369		T. Montoya		T. Farmington
T. Yates.	2369		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	3518		T. Granite		T. Dakota
T. Glorieta Slaughter	4146		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	1899	1899	Red beds & sand				
1899	2369	470	Anhydrite & salt				
2369	2462	93	Sandstone & shale				
2462	3518	1056	Anhydrite, dolomite				
3518	4146	628	Dolomite, anhydrite, anhydritic dolomite				
4146	4430	284	Dolomite w/anhy streaks				

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.

December 17, 1964
Company or Operator The Atlantic Refining Company
Name O.D. Bretches
Address P. O. Box 1978, Roswell, New Mexico
Position or Title District Drilling Supervisor