

Santa Fe, New Mexico

WELL RECORD

AREA 640 ACRES
LOCATE WELL CORRECTLY

El Paso Natural Gas Company
(Company or Operator)

Brownlee
(Lear)

Well No. 1, in SW $\frac{1}{4}$ of SE $\frac{1}{4}$, of Sec. 25, T. 21 S, R. 36 E, NMPM.

Abstract

..Pool,



County.

Well is 760 feet from South line and 1980 feet from East line

of Section 25 If State Land the Oil and Gas Lease No. is.....

Drilling Commenced.....**December 14**....., 19**56**. Drilling was Completed.....**December 30**....., 19**56**.

Name of Drilling Contractor.....Valma Petroleum Corp.

Address..... **Hebbs, New Mexico**

Elevation above sea level at Top of Tubing Head.....**3526**..... The information given is to be kept confidential until
 _____ 19_____

OIL SANDS OR ZONES

No. 1, from 3102 to 3136 (4) No. 4, from 3526 to 3542 (4)

No. 2, from 3455 to 3472 (G) No. 5, from _____ to _____

No. 3, from 3402 to 3518 (4) 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 | 28# H-40 | New | 1228 | Davis | | | Surface |
| 5-1/2 | 11# J-55 | New | 3595 | Davis | | 3402 - 3542 | Production |
| 2 | 4.7 | New | 3540 | | | | |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 11" | 8-5/8" | 1228 | 450 | Halliburton | | |
| 7-7/8" | 5-1/2" | 3595 | 600 | Halliburton | | |
| | | | | | | |

RECORD OF PRODUCTION AND STIMULATION

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

Well sandfraced through perforations 3402 - 3436; 3455 - 3472; 3498 - 3518; and 3526 - 3542 with 60,000 gallons oil, 1¢ ea per gallon. Formation broke at 3400#, treated at 2800#..... Injected 190 rubber balls; formation broke at 4000#, treated at 2800 to 3100#. Injection rate - 40.4 bbl per minute.

Result of Production Stimulation.....

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 3596 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing, 19.

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 49,500 M.C.F. plus Absolute Open Flow barrels of
liquid Hydrocarbon. Shut in Pressure 1124 lbs.

Length of Time Shut in 24 hours

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

Southeastern New Mexico

Northwestern New Mexico

| | | |
|------------------|----------------|-----------------------|
| T. Anhy. 1221 | T. Devonian | T. Ojo Alamo |
| T. Salt 1445 | T. Silurian | T. Kirtland-Fruitland |
| B. Salt 2518 | T. Montoya | T. Farmington |
| T. Yates 2663 | T. Simpson | T. Pictured Cliffs |
| T. 7 Rivers 2922 | T. McKee | T. Menefee |
| T. Queen 3401 | 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 | 1221 | 1221 | Red Beds | | | | |
| 1221 | 1445 | 224 | Anhydrite | | | | |
| 1445 | 2518 | 1073 | Salt | | | | |
| 2518 | 2663 | 145 | Brown lime; Tansill | | | | |
| 2663 | 2922 | 259 | Yates | | | | |
| 2922 | 3401 | 479 | Seven Rivers | | | | |
| 3401 | 3596 | 195 | Queen | | | | |
| | TD | | | | | | |

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.

January 7, 1957

Company or Operator El Paso Natural Gas Company

Address P. O. Box 1384, Jal, New Mexico

Name Lloyd R. Baskin

Position or Title Drilling Foreman

Lloyd R. Baskin