

N.

| | | | | | | | |
|--|--|--|--|---|--|--|--|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | X | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

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.

El Paso Natural Gas Company **Marcote Pool Unit**
(Company or Operator) (Lease)

Well No. 1, in NE $\frac{1}{4}$ of Sec. 8, T. 31N, R. 10W, NMPM.
Blanco Pool, San Juan County.

Well is 1650 feet from North line and 1650 feet from East line
of Section 8. If State Land the Oil and Gas Lease No. is Fee.

Drilling Commenced August 30, 1953. Drilling was Completed October 11, 1953.

Name of Drilling Contractor C. M. Carroll; Conley Cox

Address _____

Elevation above sea level at Top of Tubing Head 5847 Ground. The information given is to be kept confidential until _____, 19____.

OIL SANDS OR ZONES

No. 1, from 2441 to 2505 (G) No. 4, from 4835 to 5055 (G)
No. 2, from 4325 to 4483 (G) No. 5, from _____ to _____
No. 3, from 4483 to 4835 (G) 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 |
|-------|-----------------|-------------|--------|--------------|---------------------|--------------|--------------|
| 9-5/8 | 36 | New | 164 | HOWCO | | | Surface |
| 7 | 23 | New | 2057 | Baker | | | Prod. Casing |
| 7 | 20 | New | 2241 | Baker | | | Prod. Casing |
| 2 | 4.7 | New | 5024 | | | | Prod. Tubing |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|--------------|-------------|--------------------|
| 13-3/8 | 9-5/8 | 175 | 150 | Circulated | | |
| 8-3/4 | 7 | 4308 | 500 | Single Stage | | |
| | | | | | | |

RECORD OF PRODUCTION AND STIMULATION

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

Shot well with 1795 quarts S. N. G. from 4375 to 5055
Natural gauge 560 MCF.

Result of Production Stimulation 10,900 MCF/D

Depth Cleaned Out 5055

TOOLS USED

Gas Drilling

Rotary tools were used from 161 feet to 4308 feet, and from 08 feet to 5055 feet.
Cable tools were used from 0 feet to 161 feet, and from feet to feet.

Completed

PRODUCTION

October 13, 1953

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 10,900 M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure 1102 lbs.

Length of Time Shut in 22 Days

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

Southeastern New Mexico

Northwestern New Mexico

| | | |
|---------------|----------------|----------------------------|
| T. Anhy. | T. Devonian | T. Ojo Alamo 1566 |
| T. Salt. | T. Silurian | T. Kirtland-Fruitland 1681 |
| B. Salt. | T. Montoya | T. Farmington |
| T. Yates | T. Simpson | T. Pictured Cliffs 2441 |
| T. 7 Rivers | T. McKee | T. Menefee 4483 |
| T. Queen | T. Ellenburger | T. Point Lookout 4835 |
| 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. Lewis 2505 |
| T. Abo | T. | T. Cliff House 4325 |
| T. Penn. | T. | T. |
| T. Miss. | T. | T. |

FORMATION RECORD

| From | To | Thickness in Feet | Formation | From | To | Thickness in Feet | Formation |
|------|------|-------------------|--|------|----|-------------------|-----------|
| 0 | 435 | 435 | Tan cr-grn ss w/thin sh breaks. | | | | |
| 435 | 1080 | 645 | Variegated sh w/thin ss breaks. | | | | |
| 1080 | 1566 | 486 | Tan to gry cr-grn ss interbedded w/gry sh. | | | | |
| 1566 | 1681 | 115 | Ojo Alamo ss. White cr-grn s. | | | | |
| 1681 | 2195 | 514 | Kirtland formation. Clay sh interbedded w/tight gry fine-grn ss. | | | | |
| 2195 | 2441 | 246 | Fruitland formation. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss. | | | | |
| 2441 | 2505 | 64 | Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. | | | | |
| 2505 | 4325 | 1820 | Lewis formation. Gry to white dense sh w/silty to shaly ss breaks. | | | | |
| 4325 | 4483 | 158 | Cliff House ss. Gry, fine-grn, dense sil ss. | | | | |
| 4483 | 4835 | 352 | Menefee formation. Gry, fine-grn s, carb sh and coal. | | | | |
| 4835 | 5055 | 220 | Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks. | | | | |
| | | | Mancos formation. Gry carb sh | | | | |

| | |
|-----------------------------|-----|
| OIL CONSERVATION COMMISSION | |
| AZTEC DISTRICT OFFICE | |
| No. Copies Received | 6 |
| DISTRIBUTION | |
| NO. COPIES | |
| Operator | 2 ✓ |
| Santa Fe | 1 |
| Proration Office | |
| State Land Office | |
| U. S. G. S. | 2 |
| Transporter | ✓ |

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.

November 13, 1953

(Date)

Company or Operator El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Name Harold L. Leubrich Position or Title Petroleum Engineer

Ex F-23(710)

file
Marcotte PJ#

A F F I D A V I T

BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

El Paso EXHIBIT No. R-23
CASE 719

STATE OF NEW MEXICO

COUNTY OF SAN JUAN

BEFORE ME, the undersigned authority, on this
day personally appeared Conley Cox, a resident of San Juan County,
New Mexico, known to me to be a credible person, who being by
me duly sworn, on his oath deposes and says:

I am the Supervisor of the Conley Cox tool drilling
rigs operated in the San Juan Basin. One of our cable tool drilling
rigs was employed by the El Paso Natural Gas Company to drill its
Marcotte Pool Unit #1 well located in the SW/4 NE/4 of Section 8,
Township 31 North, Range 10 West, San Juan County, New Mexico.
Under my personal direction a cable tool drilling rig was moved on
the above location on August 29, 1953, and drilling was commenced
on August 30, 1953. Drilling was continued until the surface hole
had been completed.

Conley Cox
Conley Cox

SWORN TO AND SUBSCRIBED before me on this

31st day of JAN. A. D. 1955.

R. A. Galding
Notary Public in and for San Juan
County, State of New Mexico

My commission expires:

My Commission Expires Mar. 2, 1957