

R-27-E

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AREA 640 ACRES  
LOCATE WELL CORRECTLY

# NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

T-18-S

## 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

CF N.M.

Pan American Petroleum Corporation  
(Company or Operator)

State "N.M."  
(Lease)

Well No. 1, in NW 1/4 of NW 1/4, of Sec 2, T. 18S, R. 27E, NMPM.

Empire Ahs Pool, Eddy County.

Well is 990 feet from North line and 650 feet from West line

of Section 2. If State Land the Oil and Gas Lease No. is R-5461

Drilling Commenced September 9, 1959. Drilling was Completed September 29, 1959.

Name of Drilling Contractor Lee Drilling Company

Address Philhower Building, Tulsa, Oklahoma

Elevation above sea level at Top of Tubing Head 3664 RDB. The information given is to be kept confidential until

### OIL SANDS OR ZONES

No. 1, from 5475 to 5657. 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         | 5711   | Guide        |                     |              | Surface    |
| 4-1/2" | 9.5#            | New         | 1479   | Guide        |                     | 5654-5610    | 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 |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 11"          | 8-5/8"         | 1478      | Circulated          | Pump        |             |                    |
| 7-7/8"       | 4 1/2"         | 5695      | 850                 | Pump        |             |                    |
|              |                |           |                     |             |             |                    |

### RECORD OF PRODUCTION AND STIMULATION

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

Acidized perforations with 3,000 gallons 15% regular acid.

Result of Production Stimulation On potential test well flowed 106 barrels oil, no water, 100 MCFG

in 24 hours on 9/64" choke. GPF Pkr, TPF 705, GOR 947. TD 5695. PBD 5657

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 5495 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Put to Producing 10-1, 19 59

OIL WELL: The production during the first 24 hours was 106 barrels of liquid of which 100 % was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity 42°

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):

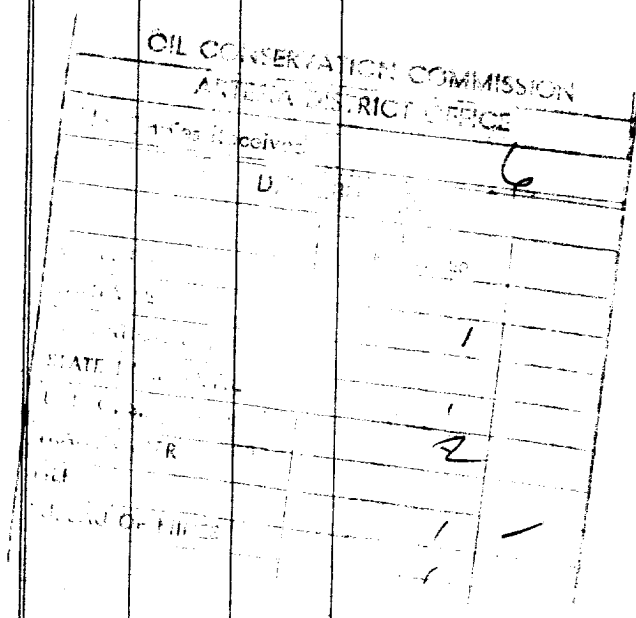
### Southeastern New Mexico

### Northwestern New Mexico

|                                 |                |                       |
|---------------------------------|----------------|-----------------------|
| T. Anhy                         | T. Devonian    | T. Ojo Alamo          |
| T. Salt                         | T. Silurian    | T. Kirtland-Fruitland |
| B. Salt                         | 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 1660              | T. Granite     | T. Dakota             |
| T. Glorieta                     | T.             | T. Morrison           |
| T. <del>Permian</del> Perm 3030 | T.             | T. Penn               |
| T. Tubbs                        | T.             | T.                    |
| T. Abo Reef 3470                | 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    | 41   | 41                | Surface Rock          |      |    |                   |           |
| 41   | 314  | 273               | Sand Rock and Caliche |      |    |                   |           |
| 314  | 1478 | 1164              | (No returns)          |      |    |                   |           |
| 1478 | 4289 | 2811              | Lime                  |      |    |                   |           |
| 4289 | 4360 | 71                | Lime and Sand         |      |    |                   |           |
| 4360 | 5297 | 937               | Lime                  |      |    |                   |           |
| 5297 | 5378 | 81                | Lime and Shale        |      |    |                   |           |
| 5378 | 5695 | 317               | Lime                  |      |    |                   |           |
|      | 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.

October 9 1959

Pan American Petroleum Corp.

Box 66 - Hobbs, New Mexico

Company or Operator

Address

Name Original Signed by J. W. BROWN

Position or Title Area Superintendent