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NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MAR 17 1960

WELL RECORD

D. B. C.
ARTEZIA, OFFICE

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

Pan American Petroleum Corporation (Company or Operator) State of New Mexico BH (Lease)

Well No. 1, in NE 1/4 of NE 1/4, of Sec. 5, T. 18-S, R. 28-W, NMPM.

Empire Abo Pool, May County.

Well is 330 feet from North line and 970 feet from East line

of Section 5. If State Land the Oil and Gas Lease No. is B-3823

Drilling Commenced 1-28-60, 1960. Drilling was Completed 2-16-60, 1960.

Name of Drilling Contractor: Lee Drilling Company

Address: Philhower Building, Tulsa, Oklahoma

Elevation above sea level at Top of Tubing Head: 3675 BBL. The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 5846 to 6285 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" | 22.7 | New | 1177 | Guide | | | Surface |
| 4 1/2" | 9.5 | New | 6315 | Guide | | 6230-6285 | Oil String |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. BAGS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|--------------------|-------------|-------------|--------------------|
| 11" | 8 5/8" | 1190 | Gra. | Pump - Plug | | |
| 7 7/8" | 4 1/2" | 6291 | 750 | " " | | |

RECORD OF PRODUCTION AND STIMULATION

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

Acidized perforations 6230'-6285' with 4000 gallons 15% regular acid.

Result of Production Stimulation: On PT well: flowed 97 BO, 7 BAW, 54.2 MCFG, 24 hours thru 12/64" choke.

TPT 500, CPT (Pkr.) G.O.R. 558.

Depth Cleaned Out: 6285'

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 6290 TD feet, and from _____ feet to _____ feet.
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing 2-19-, 1960.

OIL WELL: The production during the first 24 hours was 104 barrels of liquid of which 93 % was oil; _____ % was emulsion; 7 % ^{acid} water; and _____ % was sediment. A.P.I. Gravity 42 degrees.

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..... 1210' | T. Ellenburger..... | T. Point Lookout..... | |
| T. Grayburg..... | T. Gr. Wash..... | T. Mancos..... | |
| T. San Andres..... 2065' | T. Granite..... | T. Dakota..... | |
| T. Glorieta..... 3320' | T. | T. Morrison..... | |
| T. Drinkard..... | T. | T. Penn..... | |
| T. Tubbs..... | T. | T. | |
| T. Abo..... Pay 5845' | 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 | 235 | 235 | Surface, Redbed | | | | |
| 235 | 375 | 140 | Redbed | | | | |
| 375 | 635 | 260 | Surface, Redbed | | | | |
| 635 | 1136 | 501 | Anhy, Cyp. | | | | |
| 1136 | 1190 | 54 | Anhy. | | | | |
| 1190 | 1736 | 546 | Lime | | | | |
| 1736 | 1819 | 83 | Anhy., Lime | | | | |
| 1819 | 4630 | 2811 | Lime | | | | |
| 4630 | 4933 | 303 | Lime, Dolo | | | | |
| 4933 | 5072 | 139 | Lime | | | | |
| 5072 | 5247 | 175 | Lime, Dolo. | | | | |
| 5247 | 5475 | 228 | Dolo, Chert | | | | |
| 5475 | 5550 | 75 | Dolo, Lime | | | | |
| 5550 | 5601 | 51 | Dolo, Chert | | | | |
| 5601 | 5908 | 307 | Dolo, Lime | | | | |
| 5908 | 6290 | 382 | Lime | | | | |

OIL FIELD RECORD COMMISSION

STATE OFFICE

6'

| | |
|------------------|---|
| OPERATOR | |
| DATE OF RECORD | 1 |
| RECORDING OFFICE | |
| STATE OF | 1 |
| U. S. G. S. | 2 |
| TRANSPORTED | |
| FILE | 1 |
| BUREAU OF MINES | 1 |

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.

March 14, 1960

(Date)

Company or Operator Pan American Petroleum Corporation Box 60, Hobbs, New Mexico

Name J. W. BROWN Original Signed by J. W. BROWN Position or Title Area Superintendent