



NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

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APR 27 1960

WELL RECORD

O. O. O.
ARTESIA, 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

State of New Mexico "NMPM"

(Company or Operator)

(Lease)

Well No. 1, in NE/ $\frac{1}{4}$ of SW/ $\frac{1}{4}$, of Sec. 31, T. 17-S, R. 22-E, NMPM.

Undesignated (Empire Abo)

Pool, Midy

County.

Well is 1650 feet from South line and 2387.22 feet from West lineof Section 31. If State Land the Oil and Gas Lease No. is B-7966Drilling Commenced 3-19-, 19 60 Drilling was Completed 4-10-, 19 60Name of Drilling Contractor Lee Drilling CompanyAddress Philtover Building, Tulsa, OklahomaElevation above sea level at Top of Tubing Head 3687 HBS The information given is to be kept confidential untilNot Confidential., 19

OIL SANDS OR ZONES

No. 1, from 5770 to 5924 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 |
|---------------|-----------------|-------------|-------------|--------------|---------------------|------------------|---------------------------|
| <u>8 5/8"</u> | <u>22.74</u> | <u>New</u> | <u>1363</u> | <u>Guide</u> | | | |
| <u>4 1/2"</u> | <u>9.54</u> | <u>New</u> | <u>6065</u> | <u>Guide</u> | | <u>5902-5934</u> | <u>Surface Oil String</u> |
| | | | | | | | |
| | | | | | | | |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|---------------|----------------|-------------|---------------------|--------------------|-------------|--------------------|
| <u>11"</u> | <u>8 5/8"</u> | <u>1376</u> | <u>Circ.</u> | <u>Pump - Plug</u> | | |
| <u>7 7/8"</u> | <u>4 1/2"</u> | <u>6046</u> | <u>850</u> | <u>Pump - Plug</u> | | |
| | | | | | | |
| | | | | | | |

RECORD OF PRODUCTION AND STIMULATION

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

Acidised perforations 5902-5934 with 3500 gallons 15% regular acid.Result of Production Stimulation Flw. 96 BO, 2 BAW, 24 hours on 8/64" choke. CPE - Q (Pkr.)TPP - 600, GOR 1065, GOR 44 degrees.TD - 6046Depth Cleaned Out 6011

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 6046 (TD) feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing 4-12-60, 19 60
OIL WELL: The production during the first 24 hours was 98 barrels of liquid of which % was
was oil; 98 % was emulsion; 2 % acid water; and % was sediment. A.P.I.
Gravity 44 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. Salt | | T. Silurian | |
| B. Salt | | T. Montoya | |
| T. Yates | | T. Simpson | |
| T. 7 Rivers | | T. McKee | |
| T. Queen | 1185 | T. Ellenburger | |
| T. Grayburg | | T. Gr. Wash | |
| T. San Andres | 1925 | T. Granite | |
| T. Glorieta | 3385 | T. | |
| T. Drinkard | | T. | |
| T. Tubbs | | T. | |
| T. Abo | Pay 5750 | T. | |
| T. Penn | | T. | |
| T. Miss | | T. | |

FORMATION RECORD

| From | To | Thickness in Feet | Formation | From | To | Thickness in Feet | Formation |
|------|------|----------------------|------------------------|------|----|----------------------|-----------|
| 0 | 183 | 183 | Surface, Sand & Redbed | | | | |
| 183 | 405 | 222 | Anhy & Gyp | | | | |
| 405 | 757 | 352 | Redbed & Anhy | | | | |
| 757 | 1106 | 349 | Anhy & Shell | | | | |
| 1106 | 3927 | 2821 | Lime | | | | |
| 3927 | 3969 | 42 | Lime & Sand | | | | |
| 3969 | 4024 | 55 | Lime | | | | |
| 4024 | 4146 | 122 | Dolo | | | | |
| 4146 | 4216 | 70 | Lime & Sand | | | | |
| 4216 | 4286 | 70 | Sand | | | | |
| 4286 | 4413 | 127 | Dolo | | | | |
| 4413 | 5577 | 1164 | Sand & Lime | | | | |
| 5577 | 5669 | 92 | Lime | | | | |
| 5669 | 5764 | 95 | Lime & Shale | | | | |
| 5764 | 6046 | 282 | Lime | | | | |

OIL CONSERVATION COMMISSION
ARTESIA DISTRICT OFFICE

No. Copies Received 4

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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.

April 22, 1960

(Date)

Company or Operator Pan American Petroleum Corporation Address Box 68, Hobbs, New Mexico
Original Signed by J. W. BROWN Position or Title Area Superintendent
Name J. W. BROWN