

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED

WELL RECORD

JUL 22 1960

O. C. C.

Mail to District Office, Oil Conservation Commission, to which Form Q-101, ~~was filed~~ not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE.

Pan American Petroleum Corporation
(Company or Operator)State of New Mexico "BQ"
(Lease)Well No. 4 in SE $\frac{1}{4}$ of SW $\frac{1}{4}$ of Sec. 34, T. 17S, R. 28E, NMPM.Empire Abo Pool, Bddy County.Well is 972.62 feet from South line and 1650 feet from West lineof Section 34. If State Land the Oil and Gas Lease No. is B-2071 (4)Drilling Commenced 6-16, 19 60 Drilling was Completed 6-29, 19 60Name of Drilling Contractor Parker Drilling CompanyAddress 418 National Bank of Tulsa Bldg., Tulsa, OklahomaElevation above sea level at Top of Tubing Head 3672 RMB. The information given is to be kept confidential until Not Confidential, 19

OIL SANDS OR ZONES

No. 1, from 6094 to 6288 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>776</u> | <u>Guide</u> | | | <u>Surface</u> |
| <u>4-1/2"</u> | <u>9.54</u> | <u>New</u> | <u>6354</u> | <u>Guide</u> | | <u>6270-6288</u> | <u>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>791</u> | <u>Circ.</u> | <u>Pump Plug</u> | | |
| <u>7-7/8"</u> | <u>4-1/2"</u> | <u>6335</u> | <u>960</u> | <u>Pump Plug</u> | | |
| | | | | | | |
| | | | | | | |

RECORD OF PRODUCTION AND STIMULATION

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

Acidized perforations 6270-6288 with 3000 gallons 15%.

Result of Production Stimulation On PT Flowed 7780, 0 BW, in 24 hours on 7/64" Choke, TPF-800,
CFF-0 (Pkr) Gcr 645, Gcr. 44°.

Depth Cleaned Out 6292

ORD OF DRILL-STEM AND SPECIAL TEST

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 6335 (TD) feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing July 1, 1960
OIL WELL: The production during the first 24 hours was 77 barrels of liquid of which 100 was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity 44
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 | 1450 | T. Ellenburger | | T. Point Lookout | |
| T. Grayburg | | T. Gr. Wash | | T. Mancos | |
| T. San Andres | 2260 | T. Granite | | T. Dakota | |
| T. Yaso | 3000 | T. | | T. Morrison | |
| T. Drinkard | | T. | | T. Penn | |
| T. Tubbs | | T. | | T. | |
| T. Abo Reef | 6094 | 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 | 790 | 790 | Redbed | | | | |
| 790 | 1095 | 305 | Anhy, Salt | | | | |
| 1095 | 5764 | 4669 | Lime, Sand | | | | |
| 5764 | 5887 | 123 | Lime, Anhy | | | | |
| 5887 | 5998 | 111 | Lime, Sand | | | | |
| 5998 | 6112 | 114 | Lime, Anhy | | | | |
| 6112 | 6260 | 148 | Dolomite | | | | |
| 6260 | 6335 | 75 | Lime | | | | |

OIL CONSERVATION COMMISSION
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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.

July 19, 1960

Company or Operator. Pan American Petroleum Corp.
Original Signed by
Name. J. W. BROWN

Address. Box 68, Hobbs, New Mexico
Position or Title. Area Superintendent