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NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MOHR

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

AREA 640 ACRES
LOCATE WELL CORRECTLY

PHILLIPS PETROLEUM COMPANY

Company or Operator

Harvey Culp

Lease

Well No. 1 in NW $\frac{1}{4}$ NW $\frac{1}{4}$ of Sec. 19 T. 19 S.

R. 37 E, N. M. P. M., Monument Field, Lea County.

Well is 660 feet south of the North line and 660 feet west of the East line of NW $\frac{1}{4}$ NW $\frac{1}{4}$

If State land the oil and gas lease is No. Assignment No.

If patented land the owner is Harvey Culp Address Monument, New Mexico

If Government land the permittee is Address

The Lessee is Phillips Petroleum Company Address Bartlesville, Okla.

Drilling commenced August 22 1935 Drilling was completed September 23 1935

Name of drilling contractor Loffland Brothers Address Tulsa, Oklahoma

Elevation above sea level at top of casing 3712 feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3910 to 3990 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. 2, from to feet.

No. 4, from to feet.

CASING RECORD

| SIZE | WEIGHT PER FOOT | THREADS PER INCH | MAKE | AMOUNT | KIND OF SHOE | CUT & FILLED FROM | PERFORATED FROM TO | PURPOSE |
|--------|-----------------|------------------|------|--------|--------------|-------------------|--------------------|---------|
| 13 3/8 | 54 | 8 | SS | 251 | None | | | |
| 9 5/8 | 36 | 8 | SS | 1352 | Float | | | |
| 7 | 24 | 10 | SS | 3788 | Float | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 17 | 13 3/8 | 251 | 200 | Halliburton | | |
| 12 1/2 | 9 5/8 | 1352 | 525 | " | | |
| 8 5/8 | 7 | 3788 | 300 | " | | |

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set

Adapters—Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

| SIZE | SHELL USED | EXPLOSIVE OR CHEMICAL USED | QUANTITY | DATE | DEPTH SHOT OR TREATED | DEPTH CLEANED OUT |
|------|------------|----------------------------|----------|------|-----------------------|-------------------|
| | | | | | | |
| | | | | | | |
| | | | | | | |

Results of shooting or chemical treatment

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 3990 feet, and from feet to feet

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

PRODUCTION

Put to producing August 23 1935

The production of the first 24 hours was 350 barrels of fluid of which 99.6 % was oil; %

emulsion; % water; and .4 % sediment. Gravity, Be 33.2

If gas well, cu. ft. per 24 hours 750,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

Jake Fielden Driller Beavers Driller

L. L. Runnels Driller Driller

FORMATION RECORD ON OTHER SIDE

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.

Subscribed and sworn to before me this 18 day of October 1935 Bartlesville, Oklahoma, October 17, 1935

Name Harvey Tubhill

Position Asst. to the Vice President

FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|------|------|----------------------|--------------------------|
| 0 | 60 | 60 | Surface sand & shells |
| 60 | 70 | 10 | Sand |
| 70 | 220 | 150 | Red bed & shells |
| 220 | 261 | 41 | Red bed & shells |
| 261 | 268 | 7 | Red bed |
| 268 | 400 | 132 | " " & Lime shells |
| 400 | 605 | 205 | Shale & shells |
| 605 | 836 | 231 | " " & shells |
| 836 | 988 | 152 | " " & Lime & shells |
| 988 | 1000 | 12 | Lime shells |
| 1000 | 1030 | 30 | Potash, Lime & shells |
| 1030 | 1052 | 22 | Potash, Anhydrite & lime |
| 1052 | 1146 | 94 | Red bed Lime & shells |
| 1146 | 1206 | 60 | Red bed & lime |
| 1206 | 1256 | 50 | Lime shells |
| 1256 | 1354 | 98 | Anhydrite |
| 1354 | 1397 | 43 | Salt & Anhydrite |
| 1397 | 1407 | 10 | Salt |
| 1407 | 1563 | 156 | " & Anhydrite |
| 1563 | 1666 | 103 | Salt |
| 1666 | 1846 | 180 | " & Anhydrite |
| 1846 | 1966 | 120 | " " & Potash |
| 1966 | 2152 | 186 | Salt & Potash |
| 2152 | 2322 | 170 | " " & Anhydrite |
| 2322 | 2502 | 180 | " " & Lime |
| 2502 | 2608 | 106 | Potash & Salt |
| 2608 | 3075 | 467 | Lime, white |
| 3075 | 3265 | 190 | Brown lime |
| 3265 | 3366 | 101 | Lime |
| 3366 | 3413 | 20 | Blue lime |
| 3413 | 3443 | 27 | Brown lime & sandy |
| 3443 | 3570 | 30 | Brown lime |
| 3570 | 3604 | 127 | Lime |
| 3604 | 3990 | 34 | Sandy lime |
| | | 386 | Lime, Total Depth |