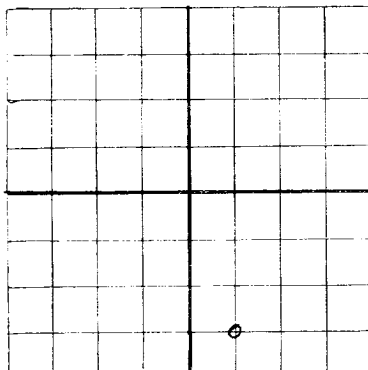


N

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

Phillips Petroleum Company, **Bartlesville, Oklahoma**
Company or Operator Address
M. C. Woolworth Well No. **5** **SW/4 SE/4** of Sec. **33**, T. **24-S**
Lease
R. **37-E** N. M. P. M. **Mattix** Field, **Lea** County.
Well is **660** feet **North** of the **South** line and **1980** feet west of the East line, of **Section 33**
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is **C. D. Woolworth**, Address **Jal, New Mexico**
If Government land the permittee is, Address
The Lessee is **Phillips Petroleum Company**, Address **Bartlesville, Oklahoma**
Drilling commenced **March 15,** 19 **39** Drilling was completed **April 8,** 19 **39**
Name of drilling contractor **Lee Drilling Company**, Address **Tulsa, Oklahoma**
Elevation above sea level at top of casing **3224'11"** feet.
The information given is to be kept confidential until **Not Confidential** 19

OIL SANDS OR ZONES

No. 1, from **3344** to **3539** 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 **None logged - drilled with rotary tools.** feet.
No. 2, from to feet.
No. 3, 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 | | PURPOSE |
|----------|-----------------|------------------|-------|---------|--------------|-------------------|------------|----|---------|
| | | | | | | | FROM | TO | |
| 9-5/8"OD | 25# | Welded | Armed | 308'2" | None | | | | |
| 7"OD | 24# | 10 | SS | 3544'0" | Halliburton | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 12-1/4" | 9-5/8" | 308' 2" | 165 | Halliburton | | |
| 8-3/4" | 7" | 3344' 0" | 400 | Halliburton | | |
| | | | | | | |
| | | | | | | |

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 |
|------|------------------------------|----------------------------|----------|------|-----------------------|-------------------|
| | Did not shoot or acid treat. | | | | | |
| | | | | | | |
| | | | | | | |

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 **3539'** feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing **April 13,** 19 **39**
The production of the first **4** hours was **81** barrels of fluid of which **100** % was oil; **0** % emulsion; **0** % water; and **0** % sediment. Gravity, Be. **40.1**
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

Driller Driller
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 **18th** **Odessa, Texas** **April 18, 1939**
day of **April** 19 **39** Name **District Chief Clerk**
Notary Public Position **Phillips Petroleum Company**
My Commission expires Address **Drawer 811; Odessa, Texas**

FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|------|-----------|----------------------|-------------------------|
| 0 | 200 | 200 | Red Bed and Shells |
| 200 | 335 | 135 | Red Bed and Sand |
| 335 | 500 | 165 | Shells and Sand |
| 500 | 644 | 144 | Red Bed and Sand |
| 644 | 1120 | 476 | Red Bed and Shells |
| 1120 | 1205 | 85 | Anhydrite |
| 1205 | 1350 | 145 | Salt and Shells |
| 1350 | 2478 | 1128 | Anhydrite and Salt |
| 2478 | 2580 | 102 | Anhydrite and Shells |
| 2580 | 2664 | 84 | Anhydrite, Salt and Gyp |
| 2664 | 2950 | 286 | Anhydrite and Gyp |
| 2950 | 3043 | 93 | Anhydrite |
| 3043 | 3080 | 37 | Lime and Anhydrite |
| 3080 | 3264 | 184 | Lime |
| 3264 | 3290 | 26 | Brown Lime |
| 3290 | 3452 | 162 | Lime |
| 3452 | 3518 | 66 | Sand and Lime |
| 3518 | 3839 T.D. | 21 | Lime |