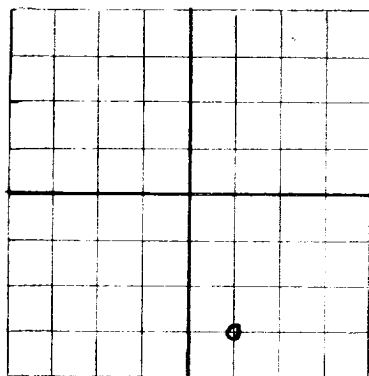
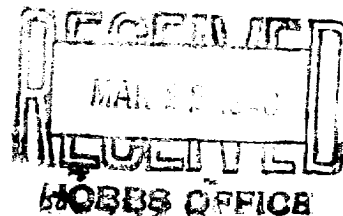


NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

AREA 640 ACRES
LOCATE WELL CORRECTLY

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. E. Hale Well No. **6** in **SE/4** of Sec. **35**, T. **17-S**
Lease
R. **34-E** N. M. P. M., **Vacuum** Field, **Lea** County.
Well is **1980** feet south of the North line and **1980** feet west of the East line of **SE/4 Sec. 35**
If State land the oil and gas lease is No. **B-2317** Assignment No. _____
If patented land the owner is _____ Address _____
If Government land the permittee is _____ Address _____
The Lessee is **Phillips Petroleum Company** Address **Bartlesville, Okla.**
Drilling commenced **December 22,** 19 **39** Drilling was completed **January 24,** 19 **40**
Name of drilling contractor **Loffland Bros. Co.** Address **Tulsa, Oklahoma**
Elevation above sea level at top of casing **4014' 4"** feet.
The information given is to be kept confidential until **Not confidential** 19 _____

OIL SANDS OR ZONES

No. 1, from **4089** to **4721** 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.** 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 | Armco | 1522' 2" | Halliburton | | | | |
| | | | | (Overall tally) | | | | | |
| 7" OD | 24# | 10 | SS | 4111' 10" | Halliburton | | | | |
| | | | | (Overall tally) | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

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" | 1523' 1" | 623 | Halliburton | | |
| | | Circulated cement around 9-5/8" casing. | | | | |
| 8-3/4" | 7" | 4089' 9" | 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 |
|------------------|------------|----------------------------|------------------|----------------|-----------------------|-------------------|
| | | Dowell: | | | | |
| 1000 gal. | | KWF-6 | 1000 gal. | 1-18-40 | 4089-4638 | |
| 1500 gal. | | KWF-6 | 1500 gal. | 1-19-40 | 4089-4638 | |
| 2500 gal. | | KW176 & KWF6 | 2500 gal. | 1-21-40 | 4089-4638 | |
| 1500 gal. | | KW176 & KWF6 | 2500 gal. | 1-26-40 | 4089-4721 | |

660 qts. Risonite SNG **660 qts. 1-30-40 4443-4710 4714'**
Results of shooting or chemical treatment **Before shooting well swabbed 9 bbls. pipe line oil in 12 hrs. After shooting swabbed 85 bbls. pipe line oil, no water in 8 hours.**

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 **4721** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **February 24,** 19 **40**
The production of the first **8** hours was **85** barrels of fluid of which **100** % was oil; **0** % emulsion; **0** % water; and **0** % sediment. Gravity, Be **38.5**
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** **March 18, 1940**
day of **March** 19 **40** Name **E. E. E. E. E.**

FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|------|------|----------------------|---------------------------|
| 0 | 109 | 109 | Surface Sand |
| 109 | 250 | 141 | Caliche |
| 250 | 455 | 205 | Red Bed & Sand |
| 455 | 868 | 413 | Red Rock |
| 868 | 1295 | 427 | Red Rock & Shells |
| 1295 | 1455 | 160 | Red Rock |
| 1455 | 1500 | 45 | Red Rock & Shells |
| 1500 | 1615 | 115 | Anhydrite |
| 1615 | 1923 | 308 | Salt & Anhydrite Shells |
| 1923 | 2175 | 252 | Salt & Shells |
| 2175 | 2350 | 175 | Salt & Anhydrite - Broken |
| 2350 | 2425 | 75 | Broken Anhydrite |
| 2425 | 2490 | 65 | Salt, Anhydrite & Shells |
| 2490 | 2513 | 23 | Anhydrite |
| 2513 | 2640 | 127 | Salt |
| 2640 | 2755 | 115 | Salt & Anhydrite |
| 2755 | 3943 | 1188 | Anhydrite |
| 3943 | 3980 | 37 | Anhydrite & Broken Lime |
| 3980 | 4020 | 40 | Anhydrite |
| 4020 | 4721 | 701 | Lime - - - T. D. |