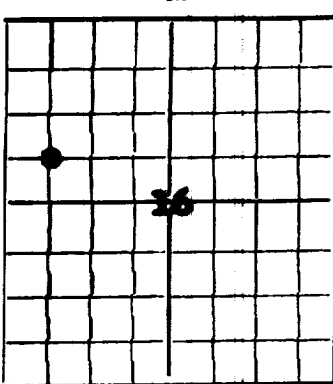


NEW MEXICO OIL CONSERVATION COMMISSION

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. FORM C-105 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

The Texas Company Box 1720, Fort Worth, Texas
Company or Operator Address
State of N. M. "B" Well No. 4 in SW 1/4 of NW 1/4 of Sec. 16, T. 23-S
Lease
R. 36-E, N. M. P. M., COOPER JAL (Lynn) Field, Lea County.
Well is 1980 feet south of the North line and 660 feet East of the East line of said Sec. 16
If State land the oil and gas lease is No. B-165 Assignment No.
If patented land the owner is Address
If Government land the permittee is Address
The Lessee is **The Texas Company** Address **Box 2332, Houston, Texas**
Drilling commenced **July 24, 1943** Drilling was completed **August 24, 1943**
Name of drilling contractor **Thompson-Carr** Address **Houston, Texas**
Elevation above sea level **3474** feet. **at derrick floor.**
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from **3620** to **3730** 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 **710** to **815** 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 FROM TO | | PURPOSE |
|-------|-----------------|------------------|------|--------|--------------|-------------------|--------------------|----|---------|
| 8-5/8 | 32 | 8rd | LM | 855 | Baker | Guide | -- | -- | -- |
| 5-1/2 | 15 | 8rd | Smis | 3617 | Baker | Guide | | | |
| | | | | | | | | | |
| | | | | | | | | | |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 11 | 8-5/8 | 861 | 250 | Halliburton | | |
| 7-7/8 | 5-1/2 | 3601 | 175 | 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 |
|------|-------------|----------------------------|----------|---------|-----------------------|-------------------|
| | Halliburton | Acid | 2000 Gal | 8-23-43 | 3610-3730 | |

Results of shooting or chemical treatment Before treatment, well produced 2 barrels per hour swabbing, after swabbing down. After acidizing, it produced 210 barrels oil in 21 hours flowing through 2" tubing.

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 **C** feet to **3730** feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing **August 24, 1943**
The production of the first **21** hours was **221** barrels of fluid of which **95** % was oil; -- % emulsion; **5** % water; and -- % sediment. Gravity, **API 30.5**
If gas well, cu. ft. per 24 hours -- Gallons gasoline per 1,000 cu. ft. of gas --
Rock pressure, lbs. per sq. in. -- Gas-Oil Ratio **4.583**

EMPLOYEES

A. A. Ferguson, Driller **J. H. Strickland**, Driller
Carl Bentley, Driller **H. L. Chambers**, 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.

Midland, Texas, September 13, 1943

Subscribed and sworn to before me this **13th** day of **September**, 19**43**
Name **The Texas Company**
Position **Drilling & Prod Foreman**
Representing **THE TEXAS COMPANY**
Company or Operator
Address **Box 1270, Midland, Texas**
My Commission expires **6-1-45**
Notary Public.

FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|------|------|----------------------|------------------------|
| 0 | 75 | 75 | Surface Soil & Caliche |
| 75 | 220 | 145 | Sand & Shells |
| 220 | 480 | 260 | Red Beds & Shells |
| 480 | 605 | 125 | Red Rock |
| 605 | 710 | 105 | Red Beds & Shells |
| 710 | 815 | 105 | Sand |
| 815 | 875 | 60 | Red Beds |
| 875 | 1141 | 266 | Red Rock & Shells |
| 1141 | 1416 | 275 | Red Rock |
| 1416 | 1520 | 104 | Anhydrite |
| 1520 | 3180 | 1660 | Anhydrite & Salt |
| 3180 | 3195 | 15 | Lime |
| 3195 | 3220 | 25 | Anhydrite |
| 3220 | 3620 | 400 | Hard Lime |
| 3620 | 3730 | 110 | Broken Lime |
| | | | <u>Deviation Tests</u> |
| | | | 500' - 1/2° |
| | | | 1000' - 1/2° |
| | | | 1500' - 3/4° |
| | | | 2000' - 7/8° |
| | | | 2230' - 3/4° |
| | | | 2600' - 7/8° |
| | | | 3000' - 1-1/2° |
| | | | 3500' - 1-1/4° |

