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## NEW MEXICO OIL CONSERVATION COMMISSION

**Santa Fe, New Mexico**

## 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 TRIPPLICATE.**

DUPLICATE

AREA 640 ACRES  
LOCATE WELL CORRECTLY

The Texas Company Box 1270, Midland, Texas

Company or Operator Address

State of N. M. "L" Well No. 3 in SE $\frac{1}{4}$ -NE $\frac{1}{4}$  of Sec. 1, T. 18-S

Lease

R. 34-E, N. M. P. M., Vacuum Field, Lea County.

Well is 1980 feet south of the North line and 484' feet west of the East line of NE $\frac{1}{4}$  of Sec. 1.

If State land the oil and gas lease is No. B-1733 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 Sept. 30 19 39 Drilling was completed November 4th 19 39

Name of drilling contractor Kuhn Bros. Drlg. Co., Address Hugoton, Kansas

Elevation above sea level at top of casing 3981 feet. (Ground)

The information given is to be kept confidential until \_\_\_\_\_ 19 \_\_\_\_\_.

### OIL SANDS OR ZONES

No. 1, from 4386 to 4710      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<br>PER FOOT       | THREADS<br>PER INCH | MAKE          | AMOUNT | KIND OF<br>SHOE | CUT & FILLED<br>FROM | PERFORATED |    | PURPOSE |
|---|--------------|--------------------------|---------------------|---------------|--------|-----------------|----------------------|------------|----|---------|
|   |              |                          |                     |               |        |                 |                      | FROM       | TO |         |
| 8 | 5/8"         | 32.00#                   | 8                   | LW            | 1499'  | Baker Guide     |                      |            |    |         |
| 5 | 1 1/2"       | <del>28.00#</del><br>14# | 8                   | Elec.<br>Weld | 4099   | Ba ker Guide    |                      |            |    |         |
|   |              |                          |                     |               |        |                 |                      |            |    |         |
|   |              |                          |                     |               |        |                 |                      |            |    |         |
|   |              |                          |                     |               |        |                 |                      |            |    |         |
|   |              |                          |                     |               |        |                 |                      |            |    |         |
|   |              |                          |                     |               |        |                 |                      |            |    |         |
|   |              |                          |                     |               |        |                 |                      |            |    |         |
|   | 2" tubing at | 4701'                    |                     |               |        |                 |                      |            |    |         |

### MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
|              | 8 5/8          | 1486      | 300                 | Halliburton |             |                    |
|              | 5 1/2          | 4090      | 200                 | "           |             |                    |
|              |                |           |                     |             |             |                    |

## PLUGS AND ADAPTERS

Heaving plug—Material\_\_\_\_\_Length\_\_\_\_\_Depth Set\_\_\_\_\_

Adapters—Material\_\_\_\_\_Size\_\_\_\_\_

### RECORD OF SHOOTING OR CHEMICAL TREATMENT

| SIZE | SHELL USED | EXPLOSIVE OR<br>CHEMICAL USED | QUANTITY | DATE | DEPTH SHOT<br>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 4710 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

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

## PRODUCTION

Put to producing November 4, 1939 on test

The production of the first 24 hours was 261 barrels of fluid of which 100 % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, Be 37.0

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

Rock pressure, lbs. per sq. in. \_\_\_\_\_

GOR 707

## EMPLOYEES

|                     |         |                    |         |
|---------------------|---------|--------------------|---------|
| <u>L. J. Upton</u>  | Driller | <u>W. L. Payne</u> | Driller |
| <u>E. A. Hailes</u> | Driller | <u>C. White</u>    | 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 10th  
day of November, 1939  
*[Signature]*  
Notary Public

My Commission expires 6-1-41

Midland, Texas 11-10-39  
Place Date

Name [Signature]  
Position District Superintendent  
Representing The Texas Company  
Company or Operator  
Address Box 1270, Midland, Texas

Orig. & 2 NMOCC  
JSD-11-10-39

## FORMATION RECORD

| FROM | TO   | THICKNESS<br>IN FEET | FORMATION                              |
|------|------|----------------------|--|
| 0    | 186  | 186                  | Surface Rock & Water Sand              |
| 186  | 230  | 44                   | Sand & Shells                          |
| 230  | 380  | 150                  | Red Bed                                |
| 380  | 430  | 50                   | Sand Streaks & Red Bed                 |
| 430  | 980  | 550                  | Red Bed                                |
| 980  | 1320 | 340                  | Red Rock & Red Bed                     |
| 1320 | 1420 | 100                  | Red Rock                               |
| 1420 | 1515 | 95                   | Anhydrite                              |
| 1515 | 1754 | 239                  | Salt & Anhydrite                       |
| 1754 | 2000 | 246                  | Salt & Streaks of Anhydrite            |
| 2000 | 2382 | 382                  | Salt, Anhydrite & Gyp                  |
| 2382 | 2620 | 238                  | Salt & Anhydrite                       |
| 2620 | 2640 | 20                   | Anhydrite, Gyp, Potash & Salt          |
| 2640 | 2762 | 122                  | Anhydrite                              |
| 2762 | 2848 | 86                   | Anhydrite & Streaks of Potash          |
| 2848 | 2907 | 59                   | Gyp & Anhydrite                        |
| 2907 | 2967 | 60                   | Anhydrite                              |
| 2967 | 3069 | 102                  | Anhydrite & Gyp                        |
| 3069 | 3110 | 41                   | Anhydrite & Gyp w/broken streaks       |
| 3110 | 3152 | 42                   | Anhydrite & Gyp                        |
| 3152 | 3280 | 98                   | Anhydrite                              |
| 3280 | 3280 | 30                   | Gas Sand & Streaks of Anhydrite        |
| 3280 | 3319 | 39                   | Broken Anhydrite Streaks & Sand        |
| 3319 | 3382 | 43                   | Anhydrite & Gyp                        |
| 3382 | 3425 | 63                   | Anhydrite                              |
| 3425 | 3482 | 57                   | Anhydrite & Gyp                        |
| 3482 | 3517 | 35                   | Anhydrite                              |
| 3517 | 3780 | 263                  | Anhydrite & Gyp                        |
| 3780 | 3834 | 54                   | Lime                                   |
| 3834 | 3874 | 40                   | Streaks of Lime, Red Shale & Anhydrite |
| 3874 | 3915 | 41                   | Anhydrite                              |
| 3915 | 4422 | 507                  | Lime                                   |
| 4422 | 4474 | 52                   | Broken Lime                            |
| 4474 | 4710 | 236                  | Lime                                   |

Packer set at 4386

Deviation tests as follows:

325' - 0°  
 1035' - 1°  
 1433' - 3/4°  
 2000' - 3/4°  
 2475' - 1°  
 2990' - 1 1/4°  
 3505' - 1/2°  
 3940' - 1/2°