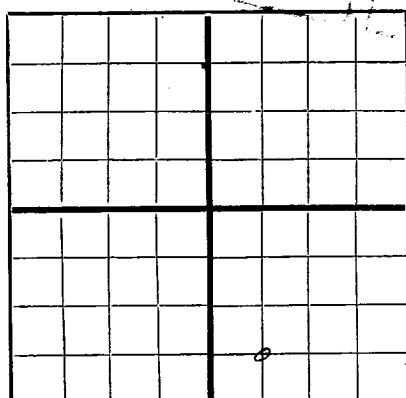


NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

SEP 28 1948

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-110 WILL NOT BE APPROVED UNTIL FORM C-103 IS PROPERLY FILLED OUT.

The Ohio Oil Company

Hobbs, New Mexico

Company or Operator  
**L. G. Warlick "C"** Well No. **2** in **SW/4, SE/4** of Sec. **15**, T. **21-S**  
Lease  
R. **37-E**, N. M. P. M., **Drinkard** Field, **Lea** County.  
Well is **4620** feet south of the North line and **1980** feet west of the East line of **Sec. 15-21-37**  
If State land the oil and gas lease is No. \_\_\_\_\_ Assignment No. \_\_\_\_\_  
If patented land the owner is **L. G. Warlick et al**, Address **Eunice, New Mexico**  
If Government land the permittee is \_\_\_\_\_, Address \_\_\_\_\_  
The Lessee is **The Ohio Oil Company**, Address **Hobbs, New Mexico**  
Drilling commenced **July 30,** 19 **48** Drilling was completed **Sept. 14,** 19 **48**  
Name of drilling contractor **J. F. Postelle**, Address **Odessa, Texas**  
Elevation above sea level at top of casing **D.F. 3424** feet.  
The information given is to be kept confidential until \_\_\_\_\_ 19 \_\_\_\_\_

## OIL SANDS OR ZONES

No. 1, from **6528** to **6550** No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from **6560** to **6570** No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from **6590** to **6634** 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 PER FOOT | THREADS PER INCH | MAKE        | AMOUNT          | KIND OF SHOE | CUT & FILLED FROM | PERFORATED  |             | PURPOSE     |
|---------------|-----------------|------------------|-------------|-----------------|--------------|-------------------|-------------|-------------|-------------|
|               |                 |                  |             |                 |              |                   | FROM        | TO          |             |
| <b>13-3/8</b> | <b>48#</b>      | <b>8R</b>        | <b>Sals</b> | <b>290' 11"</b> | <b>Baker</b> |                   |             |             |             |
| <b>8-5/8</b>  | <b>28#</b>      | <b>8R</b>        | <b>Sals</b> | <b>2813' 1"</b> | <b>"</b>     |                   |             |             |             |
| <b>5-1/2</b>  | <b>17#</b>      | <b>8R</b>        | <b>Sals</b> | <b>6634' 3"</b> | <b>"</b>     |                   | <b>6560</b> | <b>6570</b> | <b>Test</b> |
| <b>2-3/8</b>  | <b>4.7#</b>     | <b>8R</b>        | <b>Sals</b> | <b>6653' 8"</b> | <b>"</b>     |                   | <b>6528</b> | <b>6550</b> | <b>"</b>    |

## MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET    | NO. SACKS OF CEMENT | METHODS USED       | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|--------------|---------------------|--------------------|-------------|--------------------|
| <b>17"</b>   | <b>13-3/8</b>  | <b>304'</b>  | <b>250</b>          | <b>Halliburton</b> |             |                    |
| <b>11"</b>   | <b>8-5/8</b>   | <b>2799'</b> | <b>1200</b>         | <b>"</b>           |             |                    |
| <b>8"</b>    | <b>5-1/2</b>   | <b>6590'</b> | <b>750</b>          | <b>"</b>           |             |                    |
| <b>Tbg.</b>  | <b>2-3/8</b>   | <b>6626'</b> |                     |                    |             |                    |

## 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 |
|------|------------|----------------------------|-------------|---------------|-----------------------|-------------------|
|      |            | <b>Acid</b>                | <b>2500</b> | <b>9-4-48</b> | <b>6590 - 6634</b>    |                   |
|      |            |                            | <b>1000</b> | <b>9-5-48</b> | <b>6560 - 6570</b>    |                   |
|      |            |                            | <b>1500</b> | <b>9-7-48</b> | <b>6528 - 6550</b>    |                   |

Results of shooting or chemical treatment **Well flowed 314 bbls. in 24 hrs. thru 5/8" choke**  
**GOR 948:1**

## 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 **surface** feet to **6634** feet, and from **-** feet to **-** feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## PRODUCTION

Put to producing **September 16,** 19 **48**  
The production of the first 24 hours was **314** barrels of fluid of which **100** % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, Be. **39.8 @ 60**  
If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

**H. D. Wilson**, Driller **E. C. Scott**, Driller  
**J. M. Darnell**, Driller **R. R. Gaber**, 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 **27th** **Hobbs, New Mexico** **9/27/48**  
day of **September**, 19 **48** Name **P. B. Stewart** Date \_\_\_\_\_  
**P. B. Stewart** Position **Superintendent**

## FORMATION RECORD

| FROM | TO   | THICKNESS<br>IN FEET | FORMATION                             |
|------|------|----------------------|---------------------------------------|
| 0    | 190  | 190                  | Caliche, Shell, Water, Sand, Red Bed. |
| 190  | 304  | 114                  | Red Beds & Shells.                    |
| 304  | 425  | 121                  | Red Bed.                              |
| 425  | 859  | 434                  | Red Bed, Shells.                      |
| 859  | 1150 | 291                  | Red Bed, Shale, Salt.                 |
| 1150 | 1160 | 10                   | Red Bed.                              |
| 1160 | 1260 | 100                  | Red Bed, Shells.                      |
| 1260 | 1360 | 100                  | Anhydrite.                            |
| 1360 | 2265 | 905                  | Anhydrite.                            |
| 2265 | 2510 | 245                  | Anhydrite, Salt Streaks.              |
| 2510 | 2525 | 15                   | Anhydrite.                            |
| 2525 | 2572 | 47                   | Anhydrite, Lime.                      |
| 2572 | 3078 | 506                  | Anhydrite.                            |
| 3078 | 3223 | 145                  | Sandy Lime, Anhydrite Streaks.        |
| 3223 | 3415 | 192                  | Anhydrite.                            |
| 3415 | 3497 | 82                   | Anhydrite, Streaks Lime.              |
| 3497 | 6634 | 3137                 | Lime.                                 |

## DEVIATION SURVEY

| Depth Taken | Degrees<br>Off Vertical |
|-------------|-------------------------|
| 250         | 1/2                     |
| 500         | 1/2                     |
| 750         | 1/2                     |
| 1000        | 1/2                     |
| 1250        | 1/2                     |
| 1500        | 0                       |
| 1750        | 1/2                     |
| 2000        | 1/2                     |
| 2250        | 0                       |
| 2500        | 0                       |
| 2750        | 0                       |
| 3000        | 0                       |
| 3250        | 0                       |
| 3500        | 0                       |
| 3750        | 0                       |
| 4000        | 0                       |
| 4250        | 0                       |
| 4500        | 1/4                     |
| 4750        | 1/2                     |
| 5000        | 1/2                     |
| 5250        | 1/2                     |
| 550         | 1/2                     |
| 5750        | 1                       |
| 6000        | 1                       |
| 6250        | 1                       |
| 6500        | 1-1/2                   |