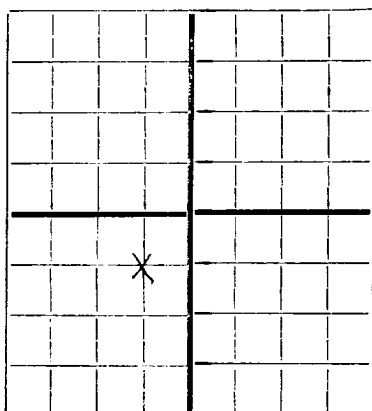


N

AREA 640 ACRES  
LOCATE WELL CORRECTLYNEW 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 TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.**

**The Ohio Oil Company** Hobbs, New Mexico  
Company or Operator  
**W. S. Marshall** Well No. **3** in **NE/4, SW/4** of Sec. **27**, T. **21-S**  
Lease  
R. **37-E**, N. M. P. M., **Drinkard** Field, **Lea** County.  
Well is **3300** feet south of the North line and **3300** feet west of the East line of **Sec. 27**  
If State land the oil and gas lease is No. Assignment No.  
If patented land the owner is **W. S. Marshall 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 **February 12,** 19 **47** Drilling was completed **March 15,** 19 **47**  
Name of drilling contractor **J. F. Postelle**, Address **Odessa, Texas**  
Elevation above sea level at top of casing **3421 DF** feet.  
The information given is to be kept confidential until 19

## OIL SANDS OR ZONES

No. 1, from **5105** to **5140** No. 4, from to  
No. 2, from **5140** to **6030** No. 5, from to  
No. 3, from **6030** to **6491** 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

Tbg.

| 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>8 R</b>       | <b>New</b> | <b>306' 10"</b> | <b>Plain thd end</b> |                   |            |    |         |
| <b>8-5/8</b>  | <b>32</b>       | <b>8 R</b>       | <b>New</b> | <b>2814' 9"</b> | <b>HOW</b>           |                   |            |    |         |
| <b>5-1/2</b>  | <b>17</b>       | <b>8 R</b>       | <b>New</b> | <b>6527'</b>    | <b>Baker</b>         |                   |            |    |         |
| <b>2-3/8</b>  | <b>4.7</b>      | <b>8 R</b>       | <b>New</b> | <b>6502'</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>317'</b>  | <b>250</b>          | <b>Halliburton</b> |             |                    |
| <b>11"</b>   | <b>8-5/8</b>   | <b>2800'</b> | <b>1500</b>         |                    |             |                    |
| <b>8"</b>    | <b>5-1/2</b>   | <b>6491'</b> | <b>500</b>          |                    |             |                    |
|              |                |              |                     |                    |             |                    |
|              |                |              |                     |                    |             |                    |

## PLUGS AND ADAPTERS

Heaving plug—Material **Baker Cement Plug** Length **85'** Depth Set **6570' to 6485'**  
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>6000 gal.</b> | <b>Mar. 22</b> | <b>6491 to 6570</b>   |                   |
|      |            | <b>"</b>                   | <b>2000 gal.</b> | <b>Mar. 29</b> | <b>6491 to 6550</b>   |                   |
|      |            | <b>"</b>                   | <b>1000 gal.</b> | <b>Apr. 5</b>  | <b>6459 to 6471</b>   |                   |
|      |            | <b>"</b>                   | <b>1000 gal.</b> | <b>Apr. 7</b>  | <b>6471 to 6485</b>   |                   |

Results of shooting or chemical treatment **After 6000 gal. well swabbed & flowed approx. 100 B/O per day 20% water. Spotted pea gravel from 6570 to 6550. 2000 gal.-swabbed 230 B/F, 70% water. Plugged back 6485', perforated csg. from 6459 to 71'. After 1000 gal. well flowed 91 B/O 2% BS & W.**

## 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 **TD 6570** feet, and from feet to feet  
Cable tools were used from feet to feet, and from feet to feet

## PRODUCTION

Put to producing **April 1,** 19 **47**  
The production of the first 24 hours was **91** barrels of fluid of which **100** % was oil; %  
emulsion; % water; and % sediment. Gravity, Be. **40.4 @ 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

**D. F. Garrett**, Driller **M. C. Huan**, Driller  
**E. C. Scott**, 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 **23**day of **April**, 19 **47**

Notary Public

MY COMMISSION EXPIRES AUG. 10, 1947

My Commission expires

Hobbs, New Mexico April 23, 1947

Name **B. Stewart**Position **Superintendent**Representing **The Ohio Oil Company**  
Company or OperatorAddress **Box 1607- Hobbs, New Mexico**

FORMATION RECORD

| FROM | TO   | THICKNESS<br>IN FEET | FORMATION               |
|------|------|----------------------|-------------------------|
| 0    | 95   | 95                   | Caliche - Sand          |
| 95   | 326  | 231                  | Red Bed                 |
| 326  | 677  | 351                  | Red Bed - Shells        |
| 677  | 1035 | 358                  | Red Bed                 |
| 1035 | 1144 | 109                  | Shale- Red Bed          |
| 1144 | 1185 | 41                   | Red Bed- Shells         |
| 1185 | 1270 | 85                   | Anhydrite               |
| 1270 | 1590 | 320                  | Anhydrite- Salt         |
| 1590 | 1690 | 100                  | Anhydrite- Salt- Shells |
| 1690 | 2170 | 480                  | Anhydrite- Salt         |
| 2170 | 2200 | 30                   | Shells- Salt            |
| 2200 | 2610 | 410                  | Anhydrite               |
| 2610 | 2656 | 46                   | Anhydrite- Gypsum       |
| 2656 | 2930 | 274                  | Anhydrite               |
| 2930 | 3052 | 122                  | Anhydrite- Lime         |
| 3052 | 3140 | 88                   | Anhydrite               |
| 3140 | 6570 | 3430                 | Lime                    |

DEVIATION SURVEY

| Depth Taken | Degrees off<br>Vertical |
|-------------|-------------------------|
| 250         | 1/2                     |
| 500         | 0                       |
| 750         | 0                       |
| 1000        | 0                       |
| 1250        | 1/2                     |
| 1500        | 1/2                     |
| 1750        | 0                       |
| 2000        | 1/2                     |
| 2250        | 0                       |
| 2750        | 0                       |
| 3000        | 0                       |
| 3250        | 0                       |
| 3500        | 0                       |
| 3750        | 1/2                     |
| 4000        | 1                       |
| 4250        | 0                       |
| 4500        | 0                       |
| 4750        | 0                       |
| 5000        | 1/2                     |
| 5250        | 1/2                     |
| 5500        | 1/2                     |
| 5750        | 0                       |
| 6250        | 1/2                     |