

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

**DIPLICATE**

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**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 with (2) SUBMIT IN TRIPLICATE.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

**REPOLIO OIL COMPANY** **WILLIAM P. BYRD**  
Company or Operator

Well No. **1** in **R/3 W/2** of Sec. **11**, T. **20-S**

R. **36-E**, N. M. P. M., **Monument** Field, **Lea** County.

Well is **330'** feet south of the North line and **2270'** feet west of the East line of **Sec. 11 - T-20-S R-36-E**

If State land the oil and gas lease is No. \_\_\_\_\_ Assignment No. \_\_\_\_\_

If patented land the owner is **William P. Byrd** Address \_\_\_\_\_

If Government land the permittee is \_\_\_\_\_ Address \_\_\_\_\_

The Lessee is \_\_\_\_\_ Address \_\_\_\_\_

Drilling commenced **June 11** 19**36** Drilling was completed **August 12** 19**36**

Name of drilling contractor **M. J. Delaney** Address **Dallas, Texas.**

Elevation above sea level at top of casing **3200** feet.

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

**OIL SANDS OR ZONES**

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ 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 PER FOOT | THREADS PER INCH | MAKE     | AMOUNT       | KIND OF SHOE       | CUT & FILLED FROM | PERFORATED FROM TO | PURPOSE |
|----------------|-----------------|------------------|----------|--------------|--------------------|-------------------|--------------------|---------|
| <b>12 1/2"</b> | <b>50 #</b>     | <b>8</b>         | <b>?</b> | <b>160'</b>  | <b>None</b>        |                   |                    |         |
| <b>9-5/8"</b>  | <b>36 #</b>     | <b>8</b>         | <b>?</b> | <b>1107'</b> | <b>Comb. Float</b> |                   |                    |         |
| <b>7"</b>      | <b>24 #</b>     | <b>10</b>        | <b>?</b> | <b>3795'</b> | <b>Comb. Float</b> |                   |                    |         |
| <b>2 1/2"</b>  | <b>6.5 #</b>    | <b>10</b>        | <b>?</b> | <b>3873'</b> |                    |                   |                    |         |

**MUDDING AND CEMENTING RECORD**

| SIZE OF HOLE   | SIZE OF CASING | WHERE SET    | NO SACKS OF CEMENT | METHOD USED        | MUD GRAVITY | AMOUNT OF MUD USED |
|----------------|----------------|--------------|--------------------|--------------------|-------------|--------------------|
| <b>15 1/2"</b> | <b>12 1/2"</b> | <b>180'</b>  | <b>218</b>         | <b>Halliburton</b> | <b>?</b>    | <b>?</b>           |
| <b>11 1/2"</b> | <b>9-5/8"</b>  | <b>1125'</b> | <b>400</b>         | <b>"</b>           | <b>?</b>    | <b>?</b>           |
| <b>8-3/4"</b>  | <b>7"</b>      | <b>3810'</b> | <b>300</b>         | <b>"</b>           | <b>?</b>    | <b>?</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 |
|------|------------|----------------------------|----------|------|-----------------------|-------------------|
|      |            |                            |          |      |                       |                   |
|      |            |                            |          |      |                       |                   |
|      |            |                            |          |      |                       |                   |

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 **3905'** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

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

**PRODUCTION**

Put to producing **August 14** 19**36**

The production of the first 24 hours was **616** thru **3/4"** choke on **2 1/2"** U.E. Tubing, % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, Be \_\_\_\_\_

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

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

**EMPLOYEES**

**Cecil Watson**, Driller **L.C. Cornett**, Driller

**D. E. Spooner**, Driller **W.E. Smith**, 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 **22** **Hobbs, New Mexico.** **August 20, 1936**

day of **Aug.** 19**36** Name **L. Smith**

Position **District Superintendent**

Representing **REPOLIO OIL COMPANY**

Notary Public \_\_\_\_\_ Company or Operator \_\_\_\_\_

My Commission expires **12-3-38** Address **Box #156, Hobbs, New Mexico.**

FORMATION RECORD

| FROM | TO   | THICKNESS<br>IN FEET | FORMATION                             |
|------|------|----------------------|---------------------------------------|
| 0    | 50   | 50                   | Caliche                               |
| 50   | 145  | 95                   | Sand                                  |
| 145  | 564  | 419                  | Red Rock                              |
| 564  | 695  | 131                  | Red Rock and Shale                    |
| 695  | 750  | 55                   | Red Rock and Sand                     |
| 750  | 853  | 103                  | Red Rock                              |
| 853  | 1044 | 191                  | Red Rock and Shale                    |
| 1044 | 1140 | 96                   | Anhydrite                             |
| 1140 | 1161 | 21                   | Sand                                  |
| 1161 | 1290 | 129                  | Red Rock, Salt, and Anhydrite         |
| 1290 | 1435 | 145                  | Anhydrite Streaks and Salt            |
| 1435 | 1613 | 178                  | Anhydrite and Salt                    |
| 1613 | 2254 | 641                  | Salt                                  |
| 2254 | 2332 | 78                   | Anhydrite and Salt                    |
| 2332 | 2440 | 108                  | Anhydrite                             |
| 2440 | 2470 | 30                   | Brown Sandy Lime--Show of gas at 2470 |
| 2470 | 2495 | 25                   | Gray Lime                             |
| 2495 | 2512 | 17                   | Anhydrite                             |
| 2512 | 2520 | 8                    | Sand--Show of gas and oil 2512 - 2520 |
| 2520 | 2540 | 20                   | Anhydrite and Lime                    |
| 2540 | 2630 | 90                   | Anhydrite                             |
| 2630 | 2767 | 137                  | Anhydrite and Brown Lime              |
| 2767 | 2815 | 48                   | Brown Sandy Lime and Anhydrite        |
| 2815 | 2853 | 38                   | Anhydrite and Lime                    |
| 2853 | 2973 | 120                  | Lime                                  |
| 2973 | 2992 | 19                   | Anhydrite                             |
| 2992 | 3035 | 43                   | Lime                                  |
| 3035 | 3093 | 58                   | Lime and Anhydrite                    |
| 3093 | 3142 | 49                   | Lime                                  |
| 3142 | 3177 | 35                   | Lime and Anhydrite                    |
| 3177 | 3371 | 194                  | Lime                                  |
| 3371 | 3414 | 43                   | Sandy Lime                            |
| 3414 | 3441 | 27                   | Lime                                  |
| 3441 | 3460 | 19                   | Lime and Gypsum                       |
| 3460 | 3510 | 50                   | Lime                                  |
| 3510 | 3523 | 13                   | Brown Lime                            |
| 3523 | 3626 | 103                  | Lime                                  |
| 3626 | 3662 | 36                   | Sandy Lime                            |
| 3662 | 3720 | 58                   | Lime                                  |
| 3720 | 3759 | 39                   | Brown Lime                            |
| 3759 | 3829 | 70                   | Sandy Lime--Gas 3759 - 3817           |
| 3829 | 3880 | 51                   | Sandy Brown and Gray Lime             |
| 3880 | 3905 | 25                   | Lime -- Oil 3880 - 3905               |