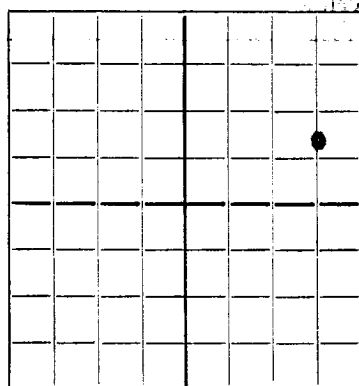


N.

1980'

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



360'

## WELL RECORD

DUPLICATE

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.

AREA 640 ACRES  
LOCATE WELL CORRECTLY  
W. H. Street

Eugene Wood

Company or Operator **1** **SE 1/4 of NE 1/4** **22 S**  
in **South Humico** of Sec. **22 S**, T. **37 N E**  
(Penrose area)  
R. **1980**, N. M. P. M., **Lea** Field, **Lea** County.  
Well is **680** feet south of the North line and **680** feet west of the East line of **Section 22**  
If State land the oil and gas lease is No. **Eugene Wood** Assignment No. **Abilene, Texas**  
If patented land the owner is \_\_\_\_\_, Address \_\_\_\_\_  
If Government land the permittee is \_\_\_\_\_, Address \_\_\_\_\_  
The Lessee is \_\_\_\_\_, Address \_\_\_\_\_  
Drilling commenced **August 15th** **56** Drilling was completed **Feb. 16th** **37**  
**L.E.** **1980** **Lea** **Lea** **Lea** **Lea**  
Name of drilling contractor **Douglass and Webster** Address **Emice, N.M.**  
Elevation above sea level at top of casing **3355** feet.  
The information given is to be kept confidential until **May 1st,** 19 **37**

OIL SANDS OR ZONES  
No. 1, from **3440** to **3450** **Sh. gas** No. 4, from **3618** to **3647** **Inc. oil**  
No. 2, from **3520** to **3526** **Sh. oil** No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from **3560** to **3600** **700' oil** 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 **195** to **250** feet. **Hole full**  
No. 2, from **775** to **790** feet. **Hole full**  
No. 3, from **845** to **880** feet. **400 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 1/2</b>   | <b>API Std. Regub.</b> | <b>250'</b> | <b>Box Std</b> | <b>Cemented</b> |                             |                    |         |
| <b>10"</b>    | <b>40</b>       | <b>"</b>               | <b>"</b>    | <b>516</b>     | <b>"</b>        | <b>Not cemented- Pulled</b> |                    |         |
| <b>8 1/4"</b> | <b>32</b>       | <b>"</b>               | <b>"</b>    | <b>1120</b>    | <b>"</b>        | <b>Cemented</b>             |                    |         |
| <b>6-5/8</b>  | <b>24</b>       | <b>"</b>               | <b>"</b>    | <b>3380</b>    | <b>"</b>        | <b>Cemented</b>             |                    |         |
|               |                 |                        |             |                |                 |                             |                    |         |
|               |                 |                        |             |                |                 |                             |                    |         |
|               |                 |                        |             |                |                 |                             |                    |         |
|               |                 |                        |             |                |                 |                             |                    |         |
|               |                 |                        |             |                |                 |                             |                    |         |

## MUD LOGGING RECORD

| SIZE OF HOLE  | SIZE OF CASING | WHERE SET   | NO. SACKS OF CEMENT | MUD GRAVITY | AMOUNT OF MUD |
|---------------|----------------|-------------|---------------------|-------------|---------------|
| <b>12 1/2</b> | <b>250'</b>    | <b>90</b>   |                     |             |               |
| <b>10"</b>    | <b>516</b>     | <b>1120</b> |                     |             |               |
| <b>8 1/4"</b> | <b>1120</b>    | <b>3380</b> |                     |             |               |
| <b>6-5/8</b>  | <b>3380</b>    | <b>3380</b> |                     |             |               |

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth Set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## RECORD OF SHOOTING OR CHEMICAL TREATMENT

| SIZE      | SHELL USED   | EXPOSURE OR CHEMICAL USED | QUANTITY             | DATE        | DEPTH SHOT OR TREATED | DEPTH CLEANED OUT       |
|-----------|--------------|---------------------------|----------------------|-------------|-----------------------|-------------------------|
|           |              | <b>Acid</b>               | <b>2000 gal. HCl</b> | <b>3rd</b>  | <b>3400-47</b>        | <b>Cleaning out</b>     |
| <b>4"</b> | <b>Metal</b> | <b>Solidified</b>         | <b>250 lbs.</b>      | <b>10th</b> | <b>3647-3647</b>      | <b>Cleaning out now</b> |

Results of shooting or chemical treatment **No result from acid treatment;**  
**Increased oil and gas from shot**

## 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 \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable toops were used from **Surface** feet to **3647** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## PRODUCTION

Put to producing **February 16th**, 19 **37**  
The production of the first 24 hours was **152** barrels of fluid of which **100%** % was oil; \_\_\_\_\_ %  
emulsion; \_\_\_\_\_ % water; and **1/2 of 1%** sediment. Gravity, Be. **36.5 corrected**  
If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas **No test**  
Rock pressure, lbs. per sq. in. **800 lbs.**

## EMPLOYEES

**L.E. Douglass**, Driller **J.H. Hagle**, Driller  
**C.E. Webster**, 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 **29** day of **March**, 19 **37**  
**D. Lord**, Notary Public  
My Commission **6-1-37**  
Place **Midland, Texas,** Date **March 25th, 1937**  
Name **W.E. Meek**  
Position **Owner**  
Representing **Himself**  
Company or Operator \_\_\_\_\_  
Address \_\_\_\_\_

## FORMATION RECORD

| FROM              | TO   | THICKNESS<br>IN FEET | FORMATION                                                    |
|-------------------|------|----------------------|--------------------------------------------------------------|
| Surface           | 120  | 120                  | Red Rock                                                     |
| 120               | 130  | 10                   | Blue shale                                                   |
| 130               | 150  | 20                   | Brown shale                                                  |
| 150               | 160  | 10                   | Sand (dry)                                                   |
| 160               | 195  | 35                   | Red rock                                                     |
| 195               | 250  | 55                   | Water sand (hole full water)                                 |
| 250               | 260  | 10                   | Blue shale                                                   |
| 260               | 455  | 195                  | Red shale                                                    |
| 455               | 475  | 20                   | Red bed (cave)                                               |
| 475               | 490  | 5                    | Blue shale                                                   |
| 490               | 675  | 195                  | Red shale                                                    |
| 675               | 730  | 55                   | Gray sandy shale                                             |
| 730               | 740  | 10                   | Red shale                                                    |
| 740               | 755  | 15                   | Water sand (12 bail. per day)                                |
| 755               | 775  | 20                   | Red shale                                                    |
| 775               | 790  | 15                   | Water sand (hole full)                                       |
| 790               | 810  | 20                   | Red rock                                                     |
| 810               | 822  | 12                   | Sand (show water)                                            |
| 822               | 845  | 23                   | Red rock                                                     |
| 845               | 860  | 15                   | Sandy shale (filled up 400 ft water)                         |
| 860               | 915  | 55                   | Red rock                                                     |
| 915               | 925  | 10                   | Anhydrite                                                    |
| 925               | 1025 | 100                  | Red rock                                                     |
| 1025              | 1040 | 15                   | Blue shale                                                   |
| 1040              | 1120 | 80                   | Red rock                                                     |
| 1120              | 1145 | 25                   | Anhydrite                                                    |
| 1145              | 1150 | 5                    | Red shale                                                    |
| 1150              | 1230 | 80                   | Anhydrite                                                    |
| 1230              | 1260 | 30                   | Salt & Anhydrite                                             |
| 1260              | 1265 | 5                    | Red shale                                                    |
| 1265              | 1295 | 30                   | Salt & Anhydrite                                             |
| 1295              | 1310 | 15                   | Red bed                                                      |
| 1310              | 1315 | 5                    | Anhydrite                                                    |
| 1315              | 1350 | 15                   | Red rock                                                     |
| 1330              | 1410 | 80                   | Anhydrite, broken                                            |
| 1410              | 1440 | 30                   | Salt                                                         |
| 1440              | 1475 | 35                   | Anhydrite                                                    |
| 1475              | 1525 | 50                   | Salt                                                         |
| 1525              | 1530 | 55                   | Anhydrite                                                    |
| 1530              | 1650 | 70                   | Salt                                                         |
| 1650              | 1665 | 35                   | Anhydrite                                                    |
| 1665              | 1695 | 10                   | Red rock                                                     |
| 1695              | 1710 | 15                   | Anhydrite                                                    |
| 1710              | 1810 | 100                  | Salt                                                         |
| 1810              | 1830 | 20                   | Anhydrite                                                    |
| 1830              | 1990 | 160                  | Salt                                                         |
| 1990              | 2015 | 25                   | Anhydrite                                                    |
| 2015              | 2110 | 95                   | Salt                                                         |
| 2110              | 2135 | 25                   | Anhydrite                                                    |
| 2135              | 2195 | 60                   | Salt                                                         |
| 2195              | 2245 | 40                   | Anhydrite                                                    |
| 2245              | 2290 | 45                   | Salt                                                         |
| 2290              | 2300 | 10                   | Blue shale                                                   |
| 2300              | 2390 | 90                   | Salt                                                         |
| 2390              | 2580 | 190                  | Anhydrite                                                    |
| 2580              | 2640 | 60                   | Anhydrite (broken)                                           |
| 2640              | 2720 | 80                   | Anhydrite, gray                                              |
| 2720              | 2930 | 210                  | Anhydrite & potash                                           |
| 2930              | 2955 | 25                   | Lime (Brown with show of gas)                                |
| 2955              | 3050 | 95                   | Anhydrite and Potash                                         |
| 3050              | 3165 | 115                  | Lime, Gray                                                   |
| 3165              | 3190 | 25                   | Lime, brown                                                  |
| 3190              | 3305 | 115                  | Anhydrite, Gray                                              |
| 3305              | 3315 | 10                   | Blue shale                                                   |
| 3315              | 3380 | 65                   | Anhydrite (Set 7" OD casing 3380')                           |
| 3380              | 3430 | 50                   | Lime & Anhydrite                                             |
| 3430              | 3440 | 10                   | Blue shale                                                   |
| 3440              | 3450 | 10                   | Sandy Lime (Gas 3445 to 3450)                                |
| 3450              | 3525 | 75                   | Lime, Gray and Brown (330 3520-25)                           |
| 3525              | 3552 | 27                   | Sandy lime                                                   |
| 3552              | 3559 | 7                    | Blue shale                                                   |
| 3559              | 3600 | 41                   | Sandy lime (Inc. gas 3570- 700' free oil in hole 3540-3600.) |
| 3600              | 3645 | 45                   | Lime (inc. in oil, 2000 ft oil in hole)                      |
| 3645              | 3647 | 2                    | Sandy lime- Well started flowing                             |
| Total depth 3647- |      |                      |                                                              |