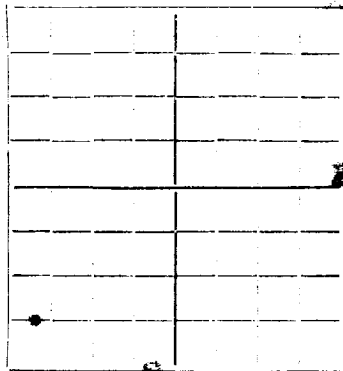


N

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## WELL RECORD

AREA 640 ACRES  
LOCATE WELL CORRECTLY

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.

Humble Oil and Refining Company

Company or Operator

Houston, Texas

Address

H.M. State "T"

Lease

Well No. 4

in SW 1/4

of Sec. 17

T20-South

R37-East

N. M. P. Monument

Field, Lea

County

Well is 4820 feet south of the North line and 4820 feet west of the East line of Section 17

If State land the oil and gas lease is No. 37722 Assignment No.

If patented land the owner is Address

If Government land the permittee is Address

The Lessee is Humble Oil &amp; Refining Co. Address Houston, Texas.

Drilling commenced April 22 1937 Drilling was completed May 11, 1937

Name of drilling contractor McQueen &amp; Cleveland Address Hobbs, New Mexico

Elevation above sea level at top of casing 3524-3 feet.

The information given is to be kept confidential until 19

## OIL SANDS OR ZONES

No. 1, from 3760 to 3855 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 |
|-----------|-----------------|------------------|------|--------|---------------|-------------------|--------------------|---------|
| 10-3/4"OD | 40.00           | 8 thrd           | LW   | 166'   | Texas Pattern |                   |                    |         |
| 7-5/8"OD  | 26.40           | 8 thrd           | SS   | 1134'  | Halliburton.  |                   |                    |         |
| 5-1/2"OD  | 17.00           | 10 thrd          | SS   | 3715'  | Halliburton.  |                   |                    |         |
| 2" Bore   | 4.70            |                  | EUER | 3839'  |               |                   |                    |         |
|           |                 |                  |      |        |               |                   |                    |         |
|           |                 |                  |      |        |               |                   |                    |         |
|           |                 |                  |      |        |               |                   |                    |         |
|           |                 |                  |      |        |               |                   |                    |         |
|           |                 |                  |      |        |               |                   |                    |         |

## MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 13-3/4       | 10-5/8         | 181       | 100                 | Halliburton | 10.6        |                    |
| 9-7/8        | 7-5/8          | 1149      | 400                 |             | 10.7        |                    |
| 6-3/4        | 5-1/2          | 3726      | 100                 |             | 10.8        |                    |
|              |                |           |                     |             |             |                    |
|              |                |           |                     |             |             |                    |
|              |                |           |                     |             |             |                    |
|              |                |           |                     |             |             |                    |
|              |                |           |                     |             |             |                    |
|              |                |           |                     |             |             |                    |

## 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 |
|------|------------|----------------------------|----------|------|-----------------------|-------------------|
| 1000 | gallon     | Dowell XX                  | 5-9-37   |      | 3855                  |                   |
|      |            |                            |          |      |                       |                   |
|      |            |                            |          |      |                       |                   |
|      |            |                            |          |      |                       |                   |
|      |            |                            |          |      |                       |                   |
|      |            |                            |          |      |                       |                   |
|      |            |                            |          |      |                       |                   |
|      |            |                            |          |      |                       |                   |
|      |            |                            |          |      |                       |                   |

Results of shooting or chemical treatment Before treating well would not flow. After treating flowed at rate of 48 bbls per hour through 2" tubing.

## 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.

see attachment

## TOOLS USED

Rotary tools were used from 0 feet to 3855 feet, and from feet to feet  
Cable tools were used from feet to feet, and from feet to feet

## PRODUCTION

Put to producing May 16, 1937, 19  
The production of the first 24 hours was 48 barrels of fluid of which 99-1/10 % was oil; % emulsion; % water; and 9/10 % sediment. Gravity, Be. 33.8 at 60 degrees  
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas  
Rock pressure, lbs. per sq. in.

## EMPLOYEES

V.O. Earnest

W. Davis

Driller C. E. Earnest

Driller

Driller

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 14th

day of May, 1937

Notary Public.

My Commission expires 6/1/37

Midland, Texas

May 14, 1937

Place

Name

Position

Representing

Address

Division Superintendent

Humble Oil &amp; Refining Company

Company or Operator

Box 1600 - Midland, Texas.

FORMATION RECORD

| FROM | TO   | THICKNESS<br>IN FEET | FORMATION                 |
|------|------|----------------------|---------------------------|
| 0    | 17   | 17                   | Cellar                    |
| 17   | 35   | 18                   | Gallies                   |
| 35   | 115  | 80                   | Sand                      |
| 115  | 185  | 70                   | Red Bed                   |
| 185  | 541  | 356                  | Red Rock & Red Bed        |
| 541  | 844  | 303                  | Red Bed and Rock          |
| 844  | 1066 | 222                  | Red Rock                  |
| 1066 | 1225 | 159                  | Anhydrite                 |
| 1225 | 2400 | 1175                 | Salt and Anhydrite shells |
| 2400 | 2524 | 124                  | Anhydrite                 |
| 2524 | 2790 | 266                  | Gray Lime                 |
| 2790 | 2850 | 60                   | Brown Lime                |
| 2850 | 3665 | 815                  | Lime                      |
| 3665 | 3730 | 65                   | Brown Lime                |
| 3730 | 3855 | 125                  | Lime                      |

Total Depth.