

NEW 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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Humble Oil & Refining Company Houston, Texas
Company or Operator Address
M. E. Laughlin Well No. **3** in **SW 1/4** of Sec. **4**, T. **20-South**
Lease
R. **37-East**, N. M. P. M., **Monument** Field, **Lee** County.
Well is **4620** feet south of the North line and **3220** feet west of the East line of **Section 4**
If State land the oil and gas lease is No. _____ Assignment No. _____
If patented land the owner is _____, Address _____
If Government land the permittee is _____, Address _____
The Lessee is **Humble Oil & Refining Company**, Address **Houston, Texas**
Drilling commenced **1-22-37** 19____. Drilling was completed **2-17-37** 19____
Name of drilling contractor **Gardner Brothers**, Address **Hobbs, New Mexico**
Elevation above sea level at top of casing **3854'** feet.
The information given is to be kept confidential until _____ 19____.

OIL SANDS OR ZONES

No. 1, from **3940'** to **3890'** 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" | 40# | 8 | LN | 140' | Larkin | | | |
| 7-5/8" | 26.40# | 8 | SS | 1282' | Halliburton | | | |
| 6-1/2" | 17# | 10 | SS | 3755' | Halliburton | | | |

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" | 103/4" | 185' | 100 | Halliburton | 10# | 35 tons used |
| 8-9/8" | 7-5/8" | 1286' | 406 | do | 10# | in well |
| 6-3/4" | 5-1/2" | 3757' | 100 | do | 10.5# | |

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

See Attachment
Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from **0'** feet to **3890'** feet, and from _____ feet to _____ feet

PRODUCTION

Well producing _____ 19____
The production of the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and **52.4** % sediment. Gravity, Be **95.8**
If gas well, cu. ft. per 24 hours **1.2** Gallons gasoline per 1,000 cu. ft. of gas **34.4 at 60 degrees**
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
G. O. Steed, Driller **T. W. Clark**, Driller
Geo. Lewis

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 **25th** **Midland, Texas** **February 25, 1937**
day of **February**, 19 **37**
W. E. Ferguson Name _____
Notary Public. Position **Division Superintendent**
Representing **Humble Oil & Refining Company**
Company or Operator
Address **Drawer "W" - Midland, Texas.**
My Commission expires **6/1/37**

FORMATION RECORD

1957

| FROM | TO | THICKNESS IN FEET | FORMATION |
|------|------------------------|----------------------|--------------------------|
| 0 | 80 | 80 | Caliche |
| 80 | 95 | 15 | Sand |
| 95 | 115 | 20 | Sand & Gravel |
| 115 | 170 | 55 | Red Bed |
| 170 | 180 | 10 | Red Rock |
| 1130 | 1145 | 15 | Broken Anhydrite |
| 1145 | 1175 | 30 | Salt |
| 1175 | 1200 | 25 | Salt & Anhydrite |
| 1200 | 1225 | 25 | Anhydrite - Gray |
| 1225 | 1310 | 85 | Anhydrite |
| 1310 | 1335 | 25 | Salt & Anhydrite |
| 1335 | 1423 | 88 | Anhydrite & Salt |
| 1423 | 1424 | 1 | Salt |
| 1424 | 2110 | 686 | Salt & Streaks Anhydrite |
| 2110 | 2375 | 265 | Salt |
| 2375 | 2455 | 80 | Broken Anhydrite |
| 2455 | 2798 | 343 | Anhydrite |
| 2798 | 2844 | 46 | Broken Anhydrite |
| 2844 | 2900 | 56 | Anhydrite |
| 2900 | 2965 | 65 | Broken Anhydrite |
| 2965 | 3177 | 212 | Anhydrite & Lime |
| 3177 | 3220 | 43 | Lime |
| 3220 | 3297 | 77 | Broken Lime |
| 3297 | 3337 | 40 | Lime |
| 3337 | 3530 | 193 | Broken Lime |
| 3530 | 3638 | 108 | Lime |
| 3638 | 3672 | 34 | Lime - Iron Pyrites |
| 3672 | 3880 | 208 | Lime |
| | TOTAL DEPTH | | |