

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

Humble State Aggregates Well No. **8** in **NE 1/4** of Sec. **31**, T. **20-South**R. **37-East**, N. M. P. M., **Hunice** Field, **Lee** County.Well is **1980'** feet south of the North line and **1980'** feet west of the East line of **Section 31**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 & Refining Company**, Address **Houston, Texas**Drilling commenced **11-8-36** 19____. Drilling was completed **11-25-36** 19____Name of drilling contractor **McQueen & Clewanger**, Address **Hobbs, New Mexico**Elevation above sea level at top of casing **3532'** feet.

The information given is to be kept confidential until _____ 19____.

OIL SANDS OR ZONES

No. 1, from **3740'** to **3840'** 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" | 38.75 | 8 | SS | 139' | Texas Pattern | | | |
| 7-5/8" | 26.40 | 8 | LW | 1172' | Halliburton | | | |
| 5-1/2" | 17 | 10 | SS | 8727' | Halliburton | | | |
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MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|---------------|----------------|--------------|---------------------|--------------------|-------------|------------------------------|
| 18" | 10-3/4" | 154' | 100 | Halliburton | 10.5 | 60 tons used in well. |
| 9-7/8" | 7-5/8" | 1164' | 400 | Halliburton | 10.9 | |
| 6-3/4" | 5-1/2" | 3757' | 100 | Halliburton | 10.9 | |
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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 |
|------|------------|----------------------------|-----------------|-----------------|-----------------------|-------------------|
| | | Dowell X | 2000 gal | 11-27-36 | 3840' | |
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Results of shooting or chemical treatment **Well flowed at rate of 19.6 bbls per hour.**
Gas Oil Ratio 473:1

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 **0'** feet, and from **3840'** feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **12-1-36**, 19____
The production of the first 24 hours was **19.6** barrels of fluid of which **96.8** % was oil; _____ %
emulsion; **3** % water; and **.2** % sediment. Gravity, Be **32.7 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

Skeet Winston, Driller **J. L. Stevenson**, Driller
Bill Hollis, 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 **8th** **Midland, Texas** **December 8, 1936**day of **December**, 19 **36** Name **W. J. Rohe**Position **Division Superintendent**Representing **Humble Oil & Refining Company**Address **Drawer "W" - Midland, Texas.**My Commission expires **6/1/37**

FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|------|------|----------------------|---------------------|
| 0 | 18 | 18 | Cellar |
| 18 | 50 | 32 | Caliche |
| 50 | 105 | 55 | Sand & Shells |
| 105 | 160 | 55 | Red Bed |
| 160 | 320 | 160 | Red Bed & Shells |
| 320 | 605 | 285 | Red Bed |
| 605 | 790 | 185 | Red Bed |
| 790 | 915 | 125 | Red Bed |
| 915 | 1052 | 137 | Red Bed |
| 1052 | 1132 | 80 | Anhydrite |
| 1132 | 1163 | 31 | Salt |
| 1163 | 1190 | 27 | Anhydrite |
| 1190 | 1610 | 420 | Salt & Anhydrite |
| 1610 | 2484 | 874 | Salt |
| 2484 | 3025 | 541 | Anhydrite |
| 3025 | 3285 | 260 | Anhydrite & Lime |
| 3285 | 3322 | 37 | Lime |
| 3322 | 3348 | 26 | Lime & Streaks Sand |
| 3348 | 3358 | 10 | Lime |
| 3358 | 3375 | 17 | Sand |
| 3375 | 3386 | 11 | Lime |
| 3386 | 3412 | 26 | Sand |
| 3412 | 3670 | 258 | Lime |
| 3670 | 3698 | 28 | Sandy Lime |
| 3698 | 3840 | 142 | Lime |
| | | TOTAL DEPTH | |

HUMBLE OIL & REFINING COMPANY'S

Humble State Aggies #8

**NE 1/4 of Section 31, Twp 20-South,
Range 37-East, Lea County, N. M.**

DEVIATION SURVEYS

| | |
|---------------------------|--------------------|
| Acid bottle test at 500' | Hole Straight |
| Acid bottle test at 750' | Hole Straight |
| Acid bottle test at 1000' | Hole Straight |
| Acid bottle test at 1250' | Hole Straight |
| Acid bottle test at 1500' | Hole Straight |
| Acid bottle test at 1750' | Deviation 1 degree |
| Acid bottle test at 2000' | Hole Straight |
| Acid bottle test at 2450' | Hole Straight |

DRILL STEM TEST

None.