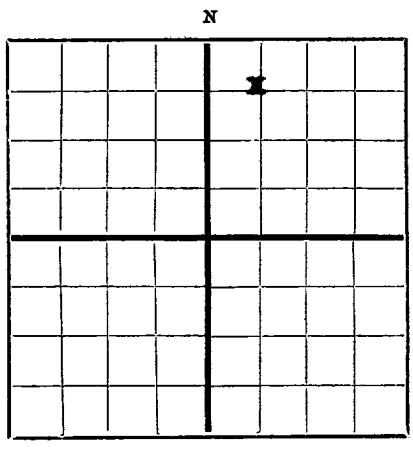
FORM C-105




AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

30-025-02677

## 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. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Humble Oil & Refining Company (Company or Operator) Box 2180, Houston, Texas (Address)

N.M. State X (Lease) Well No. 1 in NE 1/4 of Sec. 31, T. 11-S

R. 35-E, N. M. P. M. Four Lakes Field, Lea County.

Well is 660 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. B-9118 Assignment No.

If patented land the owner is , Address

If Government land the permittee is , Address

The Lessee is Humble Oil & Refining Company, Address Box 2180, Houston, Texas

Drilling commenced 1-31- 19 49 Drilling was completed 7-20-49 19

Name of drilling contractor Carl B. King, Drilling Co., Address Midland, Texas

Elevation above sea level at top of casing 4143 feet.

The information given is to be kept confidential until - 19 -.

### OIL SANDS OR ZONES

No. 1, from None 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 none 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 | PERFORATED TO | PURPOSE |
|---|---|---|---|---|---|---|---|---|---|
| 13-3/8 | 32.40# | 8R | Naylor | 302.11 | | | | | Surface |
| 9-5/8 | 40,36# | 8R | Youngstown | 4214.0 | | | | | Intermediate |
| 5-1/2 | 17,15.5# | 8R | Nat; Pitt | 10185.20 | | | See attachment | | Producing |

All casing except 9190.98 5-1/2" left in hole

### MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHODS USED | MUD GRAVITY | AMOUNT OF MUD USED |
|---|---|---|---|---|---|---|
| 17-1/2 | 13-3/8 | 315.61 | 350 | Halliburton pumper | | |
| 12-1/4 | 9-5/8 | 4227.50 | 2800 | " " | | |
| 8-3/4 | 5-1/2 | 10101 | 300 | " " | | |

### 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 |
|---|---|---|---|---|---|---|
| | (1) | 15% LT acid | 2000 | 9-4 | 9955-9975 | 9975 |
| | (2) | " " " | 1000 | 9-6 | 9955-9975 | 9975 |
| | (3) | " " " | 1000 | 9-16 | 9600-9625 | 9625 |

Results of shooting or chemical treatment (1) & (2) Formation would not take acid (3) successful operation

### 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 10228 feet, and from - feet to - feet

Cable tools were used from - feet to - feet, and from - feet to - feet

### PRODUCTION

Put to producing -, 19 -.

The production of the first 24 hours was - barrels of fluid of which - % 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

L. N. Tisdale, Driller T. L. Freeman, Driller

H. A. Oaks, 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 30th day of September, 19 49

Jurla M. Bates
Notary Public

Midland County, Texas

My Commission expires 6-1-51

Midland, Texas (Place) 9-30-49 (Date)

Name

Position Asst. Division Superintendent

Representing Humble Oil & Refining Company (Company or Operator)

Address Box 1600, Midland, Texas

## FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|---|---|---|---|
| 0 | 671 | 671 | Caliche |
| 671 | 2113 | 1422 | Red Bed |
| 2113 | 2496 | 386 | Salt, Red Bed & Shells |
| 2496 | 2825 | 329 | Anhydrite & Shells |
| 2825 | 3115 | 290 | Anhydrite & Gyp |
| 3115 | 3444 | 329 | Anhydrite & Salt |
| 3444 | 3797 | 353 | Anhydrite |
| 3797 | 3993 | 196 | Anhydrite & Lime |
| 3993 | 4160 | 167 | Lime Anhydrite & Salt |
| 4160 | 4542 | 386 | Lime |
| 4542 | 4690 | 148 | Lime & Dolomite |
| 4690 | 4791 | 101 | Lime |
| 4791 | 4946 | 155 | Dolomite & Lime |
| 4946 | 5215 | 269 | Lime |
| 5215 | 5339 | 124 | Lime & Shale |
| 5339 | 5715 | 376 | Lime |
| 5715 | 5923 | 208 | Lime & Salt |
| 5923 | 6074 | 151 | Lime & Shale |
| 6074 | 6221 | 147 | Lime & Salt |
| 6221 | 6365 | 144 | Lime & Shale |
| 6365 | 6464 | 99 | Lime, Dolomite & Shale |
| 6464 | 6554 | 90 | Dolomite, Anhydrite & Shale |
| 6554 | 6771 | 217 | Dolomite & Shale |
| 6771 | 6966 | 195 | Dolomite, Shale & Gyp |
| 6966 | 7030 | 64 | Dolomite & Gyp |
| 7030 | 7162 | 132 | Dolomite & Shale |
| 7162 | 7260 | 98 | Dolomite, Shale & Chert |
| 7260 | 7337 | 77 | Dolomite & Shale |
| 7387 | 7407 | 70 | Dolomite & Anhydrite |
| 7407 | 7484 | 77 | Dolomite, Anhydrite & Shale |
| 7484 | 7553 | 68 | Dolomite & Anhydrite |
| 7553 | 7656 | 103 | Dolomite |
| 7656 | 7732 | 76 | Dolomite & Anhydrite |
| 7732 | 7830 | 98 | Dolomite |
| 7830 | 7933 | 103 | Shale |
| 7933 | 8013 | 80 | Dolomite, Shale & Gyp |
| 8013 | 8068 | 55 | Shale |
| 8068 | 8225 | 157 | Gyp, Anhydrite & Shale |
| 8225 | 8272 | 47 | Shale & Gyp |
| 8272 | 8327 | 55 | Shale, Dolomite, Gyp |
| 8327 | 8427 | 100 | Dolomite & Shale |
| 8427 | 8474 | 47 | Dolomite |
| 8474 | 8538 | 64 | Dolomite Shale & Anhydrite |
| 8538 | 8600 | 62 | Dolomite & Shale |
| 8600 | 8744 | 144 | Dolomite |
| 8744 | 9038 | 294 | Dolomite & Shale |
| 9038 | 9167 | 129 | Dolomite |
| 9167 | 9285 | 118 | Dolomite & Lime |
| 9285 | 9298 | 13 | Dolomite, Lime & Shale |
| 9298 | 9354 | 56 | Dolomite |
| 9354 | 9380 | 32 | Dolomite, Lime & Chert |
| 9386 | 9406 | 20 | Lime |
| 9406 | 9461 | 55 | Lime & Dolomite |
| 9461 | 9473 | 12 | Lime |
| 9473 | 9520 | 47 | Lime & Chert |
| 9520 | 9547 | 27 | Lime |
| 9547 | 9585 | 38 | Lime & Dolomite |
| 9585 | 9697 | 112 | Lime |
| 9697 | 10289 | 592 | Lime & Shale |
| 10289 | 10422 | 133 | Lime |
| 10422 | 10481 | 59 | Lime & Shale |
| 10481 | 10540 | 59 | Lime |
| 10540 | 10617 | 77 | Lime & Shale |
| 10617 | 10635 | 18 | Lime & Chert |
| 10635 | 10812 | 177 | Lime & Shale |
| 10812 | 10830 | 18 | Lime |
| 10830 | 10970 | 140 | Lime & Shale |
| 10970 | 11009 | 39 | Lime |
| 11009 | 11166 | 157 | Lime & Shale |
| 11166 | 11241 | 75 | Lime |
| 11241 | 11426 | 185 | Lime & Shale |
| 11426 | 11445 | 19 | Lime & Chert |
| 11445 | 11515 | 70 | Lime |
| 11515 | 11535 | 20 | Lime & Shale |
| 11535 | 11542 | 7 | Lime |
| 11542 | 12136 | 594 | Lime & Shale |
| 12136 | 12232 | 96 | Lime |
| 12232 | 12238 | 6 | Lime & Dolomite |
| 12238 | 12554 | 316 | Lime & Shale |
| 12554 | 12560 | 6 | Lime & Chert |
| 12560 | 12739 | 179 | Lime |
| 12739 | 12757 | 18 | Lime & Chert |
| 12757 | 13087 | 330 | Lime |
| 13087 | 13098 | 11 | Lime & Chert |
| 13098 | 13127 | 29 | Lime |
| 13127 | 13130 | 3 | Lime, Shale & Sand |
| 13130 | 13152 | 22 | Shale |
| 13152 | 13213 | 61 | Lime & Shale |
| 13213 | 13218 | 5 | Lime & Chert |
| 13218 | 13224 | 6 | Lime |
| 13224 | 13228 | 4 | Lime & Chert |