

## NEW MEXICO STATE LAND OFFICE

SANTA FE, NEW MEXICO

## DEPARTMENT OF THE STATE GEOLOGIST

## WELL RECORD

Mail to State Geologist, Santa Fe, New Mexico, not more than ten days after completion of well. Indicate questionable data by following it with (?). Submit in duplicate.

Company Humble Oil & Refining Address Houston, Texas  
Send correspondence to Mr. R. C. Darbour Address P. O. Box 938, McCamey, Texas  
J. L. Coats Well No. 5 in 3 1/4 of Sec. 10, T. 24 N.,  
R. 36 E, N. M. P. M., Jal, New Mexico Oil Field Lee County.  
If State land the oil and gas lease is No. \_\_\_\_\_ Assignment No. \_\_\_\_\_  
If patented land the owner is J. L. Coats, Address Jal, New Mexico  
The lessee is Humble Oil & Refining Co., Address Houston, Texas  
If not state or patented land, give status \_\_\_\_\_  
Drilling commenced 7/10 19 35 Drilling was completed 8/2 19 35  
Name of drilling contractor Loffland Bros., Address Tulsa, Okla.  
Elevation above sea level at top of casing 5370' 2" feet.  
The information given is to be kept confidential until \_\_\_\_\_ 19 \_\_\_\_\_.

## OIL SANDS OR ZONES

No. 1, from 3570' to 3580' No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

| SIZE           | WEIGHT PER FOOT | THREADS PER INCH | MAKE       | AMOUNT      | KIND OF SHOE    | CUT & PULLED FROM | PERFORATED |           | PURPOSE    |
|----------------|-----------------|------------------|------------|-------------|-----------------|-------------------|------------|-----------|------------|
|                |                 |                  |            |             |                 |                   | FROM       | TO        |            |
| <u>15-7/8"</u> | <u>61</u>       | <u>8</u>         | <u>API</u> | <u>200</u>  | <u>For-Test</u> | <u>---</u>        | <u>--</u>  | <u>--</u> | <u>---</u> |
| <u>7-5/8"</u>  | <u>29.70</u>    | <u>8</u>         | <u>API</u> | <u>3130</u> | <u>Gal.</u>     | <u>---</u>        | <u>--</u>  | <u>--</u> | <u>---</u> |
| <u>5-1/2"</u>  | <u>17</u>       | <u>8</u>         | <u>API</u> | <u>5628</u> | <u>Gal.</u>     | <u>---</u>        | <u>--</u>  | <u>--</u> | <u>---</u> |
| <u>2-1/2"</u>  | <u>6.50</u>     |                  | <u>API</u> | <u>3559</u> | <u>(Tubing)</u> |                   |            |           |            |
|                |                 |                  |            |             |                 |                   |            |           |            |
|                |                 |                  |            |             |                 |                   |            |           |            |
|                |                 |                  |            |             |                 |                   |            |           |            |

## MUDDING AND CEMENTING RECORD

| SIZE           | WHERE SET   | NO. SACKS OF CEMENT | METHOD USED        | MUD GRAVITY | AMOUNT OF MUD USED |
|----------------|-------------|---------------------|--------------------|-------------|--------------------|
| <u>15-7/8"</u> | <u>274</u>  | <u>200</u>          | <u>Halliburton</u> | <u>10.4</u> | <u>40 tons</u>     |
| <u>7-5/8"</u>  | <u>3147</u> | <u>600</u>          | <u>"</u>           | <u>10.5</u> | <u>40 "</u>        |
| <u>5-1/2"</u>  | <u>3544</u> | <u>100</u>          | <u>"</u>           | <u>10.5</u> | <u>45 "</u>        |
|                |             |                     |                    |             |                    |
|                |             |                     |                    |             |                    |

## PLUGS AND ADAPTERS

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

## SHOOTING RECORD

| SIZE | SHELL USED | EXPLOSIVE USED | QUANTITY | DATE | DEPTH SHOT | DEPTH CLEANED OUT |
|------|------------|----------------|----------|------|------------|-------------------|
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |

## TOOLS USED

Rotary tools were used from 0 feet to 3580 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## PRODUCTION

Put to producing 8/2 19 35  
The production of the first 24 hours was 152 barrels of fluid of which 99.8 % was oil; \_\_\_\_\_ %  
emulsion; \_\_\_\_\_ % water; and .2 % sediment. Gravity, Be 31.5  
If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

Jake Fielder, Driller R. Owens, Driller  
J. C. Robinson, Driller R. Beavers, 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 15th day of August, 19 35 Name [Signature] Position Asst. Division Supt.  
[Signature] Representing Humble Oil & Refining Company  
[Signature] Notary Public. Company or Operator.  
My commission expires June 1, 1937

## FORMATION RECORD

| FROM | TO   | THICKNESS<br>IN FEET | FORMATION                  |
|------|------|----------------------|----------------------------|
| 0    | 33   | 33                   | Surface sand               |
| 33   | 140  | 107                  | Sand and clay              |
| 140  | 278  | 138                  | Sand and shale             |
| 278  | 462  | 184                  | Sand                       |
| 462  | 618  | 156                  | Sand and lime shells       |
| 618  | 698  | 80                   | Sand and red beds          |
| 698  | 768  | 70                   | Lime shells                |
| 768  | 814  | 46                   | Red beds                   |
| 814  | 925  | 111                  | Sand, shale and red beds   |
| 925  | 1045 | 120                  | Shale and anhydrite        |
| 1045 | 1134 | 89                   | Anhydrite and red beds     |
| 1134 | 1240 | 106                  | Sand, shale and red beds   |
| 1240 | 1328 | 88                   | Anhydrite and sand         |
| 1328 | 1362 | 34                   | Red beds and anhydrite     |
| 1362 | 1470 | 108                  | Anhydrite                  |
| 1470 | 1474 | 4                    | Red beds and anhydrite     |
| 1474 | 1550 | 76                   | Anhydrite                  |
| 1550 | 1590 | 40                   | Potash and anhydrite       |
| 1590 | 1621 | 31                   | Lime, potash and anhydrite |
| 1621 | 1692 | 71                   | Anhydrite and potash       |
| 1692 | 1810 | 118                  | Salt and anhydrite         |
| 1810 | 1843 | 33                   | Salt and lime              |
| 1843 | 1951 | 108                  | Lime, salt and anhydrite   |
| 1951 | 1997 | 46                   | Potash & anhydrite         |
| 1997 | 2013 | 16                   | Anhydrite                  |
| 2013 | 2080 | 67                   | Anhydrite, potash and salt |
| 2080 | 2110 | 30                   | Potash                     |
| 2110 | 2141 | 31                   | Anhydrite and salt         |
| 2141 | 2200 | 59                   | Anhydrite, lime and salt   |
| 2200 | 2260 | 60                   | Potash & salt              |
| 2260 | 2334 | 74                   | Salt and anhydrite         |
| 2334 | 2347 | 13                   | Anhydrite                  |
| 2347 | 2378 | 31                   | Salt                       |
| 2378 | 2395 | 17                   | Anhydrite                  |
| 2395 | 2580 | 185                  | Salt                       |
| 2580 | 2612 | 32                   | Salt, potash and anhydrite |
| 2612 | 2672 | 60                   | Lime and anhydrite         |
| 2672 | 2790 | 118                  | Salt                       |
| 2790 | 2880 | 90                   | Salt and anhydrite         |
| 2880 | 2918 | 38                   | Salt, lime and anhydrite   |
| 2918 | 2988 | 70                   | Salt                       |
| 2988 | 2998 | 10                   | Anhydrite and lime         |
| 2998 | 3078 | 80                   | Salt and anhydrite         |
| 3078 | 3095 | 17                   | Salt, anhydrite and lime   |
| 3095 | 3098 | 3                    | Salt                       |
| 3098 | 3147 | 49                   | Anhydrite                  |
| 3147 | 3880 | 485                  | Lime - Total depth         |