



## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

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Center  
SE SW

AREA 640 ACRES  
LOCATE WELL CORRECTLY

## 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.

## GULF OIL CORPORATION

Tulsa, Oklahoma - Box 661

Company or Operator **S. J. Carr** Well No. **4** in **SE SW** of Sec. **10**, T. **24S**  
 Lease **37E** N. M. P. M., **Mattix** Field, **Lea** County.  
 Well is **1980** feet south of the North line and **660** feet west of the East line of **SW/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 **Gulf Oil Corporation** Address **Tulsa, Oklahoma**  
 Drilling commenced **4-10-41** 19 \_\_\_\_\_ Drilling was completed **5-27-41** 19 \_\_\_\_\_  
 Name of drilling contractor **Gulf Oil Corporation** Address **Tulsa, Oklahoma**  
 Elevation above sea level at top of casing **3258'** feet.  
 The information given is to be kept confidential until **?** 19 \_\_\_\_\_

## OIL SANDS OR ZONES

No. 1, from **3355'** to **3500'** No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from **Pay 3425'** 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 **Rotary hole** 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 |    | PURPOSE |
|--------|-----------------|------------------|-------|--------|--------------|-------------------|------------|----|---------|
|        |                 |                  |       |        |              |                   | FROM       | TO |         |
| 9-5/8" | 25.7            | 30Gauge          | Armco | 211'   |              |                   |            |    |         |
| 5-1/2" | 14              | 8RT              | Sals. | 3347'  |              |                   |            |    |         |
|        |                 |                  |       |        |              |                   |            |    |         |
|        |                 |                  |       |        |              |                   |            |    |         |
|        |                 |                  |       |        |              |                   |            |    |         |
|        |                 |                  |       |        |              |                   |            |    |         |
|        |                 |                  |       |        |              |                   |            |    |         |

## 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"      | 9-5/8          | 211'      | 200                 | Halliburton | Used 200# Calcium chloride |                    |
| 7-7/8"       | 5-1/2          | 3347'     | 350                 | Halliburton |                            |                    |

## 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 |
|------|------------|----------------------------|----------|--------|-----------------------|-------------------|
| 4"   | Plain      | Solidified Glycerin        | 110 qts. | 6-3-41 | 3425' to 3470'        | 3488'             |

Results of shooting or chemical treatment **Flowed 70 barrels oil.**

## 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 **3353'** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from **3353'** feet to **3696'** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## PRODUCTION

Put to producing **June 16,** 19 **41**  
**Initial Production**  
 The production of the first 24 hours was **70** barrels of fluid of which **100%** % was oil; \_\_\_\_\_ %  
 emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, Be \_\_\_\_\_  
 If gas well, cu. ft. per 24 hours **375,000** Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
 Rock pressure, lbs. per sq. in. **Casing pressure 500#.**

## EMPLOYEES

\_\_\_\_\_, Driller \_\_\_\_\_, 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 **22**

day of **July**, 19**41**

**H. E. Evans**  
Notary Public

My Commission expires **March 16, 1944**

**Tulsa, Oklahoma** **July 11, 1941**

Place Date

Name **[Signature]**

Position **General Superintendent**

Representing **Gulf Oil Corporation**

Company or Operator  
Address **Tulsa, Oklahoma - Box 661**

# FORMATION RECORD

| FROM    | TO   | THICKNESS<br>IN FEET | FORMATION             |
|---------|------|----------------------|-----------------------|
| 0'      | 180' |                      | Surface sand          |
|         | 220  |                      | Red bed               |
|         | 620  |                      | Red shale & shells    |
|         | 870  |                      | Red shale & shells    |
|         | 1025 |                      | Shale & anhydrite     |
|         | 1069 |                      | Anhydrite             |
|         | 1267 |                      | Salt & anhydrite      |
|         | 1310 |                      | Anhydrite             |
|         | 1615 |                      | Salt & anhydrite      |
|         | 1660 |                      | Anhydrite             |
|         | 1885 |                      | Salt & anhydrite      |
|         | 1912 |                      | Anhydrite             |
|         | 1940 |                      | Salt & anhydrite      |
|         | 1973 |                      | Salt                  |
|         | 2143 |                      | Anhydrite & salt      |
|         | 2155 |                      | Anhydrite             |
|         | 2324 |                      | Anhydrite & salt      |
|         | 2417 |                      | Anhydrite             |
|         | 2441 |                      | Anhydrite & lime      |
|         | 2461 |                      | Anhydrite             |
|         | 2567 |                      | Anhydrite & lime      |
|         | 2613 |                      | Anhydrite             |
|         | 2888 |                      | Lime & anhydrite      |
|         | 2898 |                      | Lime                  |
|         | 2962 |                      | Lime & anhydrite      |
|         | 2983 |                      | Lime                  |
|         | 3030 |                      | Lime & anhydrite      |
|         | 3360 |                      | Lime                  |
|         | 3368 |                      | Salt                  |
|         | 3380 |                      | Shale                 |
|         | 3396 |                      | Hard lime             |
|         | 3408 |                      | Broken lime           |
|         | 3412 |                      | Gray lime             |
|         | 3416 |                      | Shale                 |
|         | 3420 |                      | Broken lime           |
|         | 3426 |                      | Hard lime             |
|         | 3431 |                      | Sandy lime - Show oil |
|         | 3441 |                      | Gray lime             |
|         | 3452 |                      | Lime                  |
|         | 3469 |                      | Shale                 |
|         | 3470 |                      | Sandy lime            |
|         | 3475 |                      | Gray lime             |
|         | 3490 |                      | Hard lime             |
|         | 3495 |                      | Sandy lime            |
|         | 3519 |                      | Lime                  |
|         | 3523 |                      | Lime & shale          |
|         | 3531 |                      | Lime                  |
|         | 3534 |                      | Broken lime           |
|         | 3543 |                      | Lime                  |
|         | 3545 |                      | Lime & shale          |
|         | 3553 |                      | Gray lime             |
|         | 3559 |                      | Hard gray lime        |
|         | 3587 |                      | Lime                  |
|         | 3599 |                      | Soft pink lime        |
|         | 3605 |                      | Hard lime             |
|         | 3609 |                      | Sandy lime            |
|         | 3621 |                      | Lime                  |
|         | 3625 |                      | Hard lime             |
|         | 3633 |                      | Hard gray lime        |
|         | 3636 |                      | Hard lime             |
|         | 3644 |                      | Gray lime             |
|         | 3660 |                      | Hard lime             |
|         | 3667 |                      | Gray lime             |
|         | 3675 |                      | Hard sand             |
|         | 3690 |                      | Broken lime           |
|         | 3696 |                      | Gray lime             |
| P.B. To | 3500 |                      | TOTAL DEPTH           |

## FORMATION TFS

|                   |       |
|-------------------|-------|
| Anhydrite         | 1000' |
| Salt Base         | 2360' |
| Yates             | 2580' |
| Knight            | 3250' |
| Penrose           | 3355' |
| Pay               | 3425' |
| Total depth       | 3500' |
| Plugged back from | 3696' |