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NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

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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 P. O. Box 661 **Tulsa, Oklahoma**
 Company or Operator Address
Harry Leonard-C Well No. **5** in **NE NW** of Sec. **36**, T. **21S**
 Lease
 R. **36E**, N. M. P. M., **Runice** Field, **Lea** County.
 Well is **660'** feet south of the North line and **660'** feet west of the East line of **NW/4**
 If State land the oil and gas lease is No. **B-1732** Assignment No. _____
 If patented land the owner is _____ Address _____
 If Government land the permittee is _____ Address _____
 The Lessee is _____ Address _____
 Drilling commenced **8-17** 19 **42** Drilling was completed **9-23** 19 **42**
 Name of drilling contractor **Helmerich & Payne, Inc.** Address **Tulsa, Oklahoma**
 Elevation above sea level at top of casing **3511'** feet.
 The information given is to be kept confidential until _____ 19 _____

OIL SANDS OR ZONES

No. 1, from **3670** to **3800'** 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 | | PURPOSE |
|---------------|-----------------|------------------|---------------|--------------|--------------|-------------------|------------|----|---------|
| | | | | | | | FROM | TO | |
| 9-5/8" | 25.7 | 8 | Arco | 250' | | | | | |
| 5-1/2" | 14 | 8-RT | Sm. S. | 3675' | | | | | |
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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 |
|----------------|----------------|-------------|---------------------|--------------------|-------------|--------------------|
| 12-1/4" | 9-5/8" | 289 | 250 | Halliburton | | |
| 6-3/4" | 5-1/2" | 3675 | 200 | Halliburton | | |
| | | | | | | |
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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 |
|------|------------|----------------------------|----------|------|-----------------------|-------------------|
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| | | | | | | |
| | | | | | | |

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

Rotary tools were used from **0** feet to **3800'** feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **9-17** 19 **42**
Initial Production: 265 bbls oil and no water (flowing 23 hours)
 The total amount of fluid of which _____% was oil, _____% emulsion; _____% water; and _____% sediment. Gravity, Be. **268 M Cubic feet gas**
 If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. _____

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 **27th**day of **October**, 19 **42**_____
Notary PublicMy Commission expires **June 26, 1943**_____, **Tulsa, Oklahoma** **October 27, 1942**

Name _____

Position **General Superintendent**Representing **Gulf Oil Corporation**Address **P. O. Box 661, Tulsa, Oklahoma**

FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|------|------|----------------------|--------------------------------|
| 0 | 129' | | Sand and red bed |
| | 320 | | Red bed and shells |
| | 825 | | Red bed |
| | 860 | | Sand |
| | 894 | | Red bed and shells |
| | 923 | | Red rock and shells |
| | 1033 | | Red rock |
| | 1165 | | Red bed |
| | 1206 | | Red bed and red rock |
| | 1270 | | Streaks anhydrite and red rock |
| | 1367 | | Red rock and anhydrite |
| | 1506 | | Salt and anhydrite |
| | 2488 | | Anhydrite and salt |
| | 2528 | | Anhydrite |
| | 2591 | | Anhydrite and gyp |
| | 2628 | | Anhydrite |
| | 2710 | | Anhydrite and gyp |
| | 2880 | | Anhydrite |
| | 2904 | | Brown lime |
| | 2935 | | Brown lime and anhydrite |
| | 2955 | | Brown lime |
| | 2995 | | Brown lime and anhydrite |
| | 3045 | | Lime |
| | 3084 | | Lime and anhydrite |
| | 3670 | | Lime |
| | 3800 | | Eunice Dolomite (Total Depth) |