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## NEW MEXICO OIL CONSERVATION COMMISSION

|    |    |    |    |
|----|----|----|----|
| 1  | 2  | 3  | 4  |
| 5  | 6  | 7  | 8  |
| 9  | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 |

AREA 400 APPLIES  
LOCATE WELL CORRECTLY

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

**MID-CONTINENT PETROLEUM CORPORATION** Box 330, Midland, Texas  
Company or Operator Address

**W. J. GILES** Well No. **41822** in **N 1/4** of Sec. **Three**, T. **22 South**  
Location

R. **37 East** N. H. P. M. **Grinkard** Field. **Log** County.

Well is **510** feet south of the North line and **510** feet west of the East line of **N/2 NW/4 of Sec. 3**

If State land the oil and gas lease is No. **-** Assignment No. **-**

If patented land the owner is **Ava Owens** Address **El Paso, New Mexico**

If Government land the permittee is **-** Address **-**

The Lessee is **Mid-Continent Petroleum Corporation** Address **Box 331, Tulsa 2 Okla.**

Drilling commenced **August 2, 1946** Drilling was completed **September 27, 1946**

Name of drilling contractor **McVay - Stafford** Address **Tulsa, Oklahoma.**

Elevation above sea level at top of casing **3435** feet.

The information given is to be kept confidential until **No.** **-** 19 **-**

## OIL SANDS OR ZONES

No. 1, from **3750** to **3950** No. 4, from **-** to **-**

No. 2, from **5075** to **5175** No. 5, from **-** to **-**

No. 3, from **6465** to **6590** 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 **Rotary Hole** to **- Not tested** 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     |
|--------|-----------------|------------------|-------------|--------|--------------|-------------------|-----------------|------|-------------|
| 13 3/8 | 36              | Welded           | Armco       | 333'   | -            |                   |                 |      |             |
| 9 5/8  | 36              | Right            | J-55        | 2830'  | Float        |                   |                 |      |             |
| 7"     | 23              | Right            | S-80 & J-55 | 6599   | Guide        |                   | 6195            | 6560 | (240 shots) |

## MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 17 1/4       | 13 3/8         | 336       | 250                 | Pump & Plug |             |                    |
| 12 1/4       | 9 5/8          | 2830      | 2200                | "           |             |                    |
| 8 3/4        | 7"             | 6589      | 300                 | "           |             |                    |

## PLUGS AND ADAPTERS

Heaving plug Material **-** Length **-** Depth Set **-**

Adapters Material **-** Size **-**

## RECORD OF SHOOTING OR CHEMICAL TREATMENT

| SIZE | SHELL USED | CHEMICAL USED | QUANTITY | DATE    | DEPTH SHOT OR TREATED | DEPTH CLEANED OUT |
|------|------------|---------------|----------|---------|-----------------------|-------------------|
| -    | -          | Mud Acid      | 500 gal  | 9-26-46 | 6520                  | -                 |

Results of shooting or chemical treatment **-**

## RECORD OF DRILL-STEM AND SPECIAL TESTS

~~XXXXXXXXXXXX~~ See sheet attached

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 **6590 TD** feet, and from **-** feet to **-** feet

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

## PRODUCTION

Put to producing **September 27, 1946** 19 **-**

The production of the first 24 hours was **450** barrels of fluid of which **99.8** % was oil; **-** % emulsion; **0** % water; and **2/10 of 1%** sediment. Gravity, Be **Gravity 39 degrees**

If gas well, cu. ft. per 24 hours **-** Gallons gasoline per 1000 cu. ft. of gas **-**

Rock pressure, lbs. per sq. in. **-**

## EMPLOYEES

**B. F. CLARK** Driller **L. S. LYNCH** Driller

**JOHN GARTER** 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****Midland, Texas** **Sept. 30, 1946**day of **September, 1946** 19 **-**Name **Harold Smith**Position **District Superintendent.**Representing **MID-CONTINENT PETROLEUM CORP.,**  
Company or OperatorAddress **Box 330, Midland, Texas**

MIDLAND COUNTY, TEXAS

My Commission No. **6-1-47**

## FORMATION RECORD

| FROM | TO        | THICKNESS<br>IN FEET | FORMATION              |
|------|-----------|----------------------|------------------------|
| 0    | 95        | 95                   | Surface sand & caliche |
| 95   | 1110      | 1015                 | Red Bed                |
| 1110 | 1160      | 50                   | Anhydrite              |
| 1160 | 1340      | 180                  | Anhydrite-Salt         |
| 1340 | 1550      | 210                  | Salt                   |
| 1550 | 1615      | 65                   | Anhydrite-Salt         |
| 1615 | 2035      | 420                  | Salt-Shells            |
| 2035 | 2390      | 355                  | Salt-Anhydrite         |
| 2390 | 2465      | 75                   | Anhydrite              |
| 2465 | 2510      | 45                   | Salt-Anhydrite         |
| 2510 | 2570      | 60                   | Anhydrite-Lime         |
| 2570 | 2610      | 40                   | Anhydrite              |
| 2610 | 2620      | 10                   | Anhydrite-Lime         |
| 2620 | 2750      | 130                  | Anhydrite              |
| 2750 | 2845      | 95                   | Anhydrite-Lime         |
| 2845 | 2850      | 5                    | Lime                   |
| 2850 | 3245      | 395                  | Anhydrite-Lime         |
| 3245 | 3380      | 135                  | Lime                   |
| 3380 | 3455      | 75                   | Lime-Gyp               |
| 3455 | 3810      | 355                  | Lime                   |
| 3810 | 3910      | 100                  | Soft Lime              |
| 3910 | 4005      | 95                   | Lime                   |
| 4005 | 4220      | 215                  | Soft Lime              |
| 4220 | 4528      | 308                  | Lime                   |
| 4528 | 4548      | 20                   | Sandy Lime             |
| 4548 | 4720      | 172                  | Lime                   |
| 4720 | 4735      | 15                   | Sand & Lime            |
| 4735 | 5153      | 418                  | Lime                   |
| 5153 | 5220      | 67                   | Lime                   |
| 5220 | 6185      | 965                  | Lime                   |
| 6185 | 6230      | 45                   | Lime-Gyp               |
| 6230 | 6590 T.D. | 360                  | Lime                   |

MID-CONTINENT PETROLEUM CORPORATION  
TULSA, OKLAHOMA

DRILL STEM TESTS

MID-CONTINENT - Eva Owens #3

9-16-46. T.D. 6492, Packer @ 6398. Open 2 hours. 5/8 Bottom Hole Choke  
Gas to surface in 4 minutes, mud in 37 minutes, oil in 55 minutes. Tested  
5 1/2 bbls per hour. Gas Oil Ratio 23000/l. Bottom Hole pressure 900#

9-17-46. T.D. 6492, Packer @ 6474. Open 2 hours. 5/8 Bottom Hole Choke  
Gas to surface in 6 minutes, steady blow throughout test. Recovered 1300'  
oil, 200' heavy oil-cut mud. Fill up figures 8 1/2 bbls per hour. Gas  
Oil Ratio 500/l. Bottom Hole Pressure 350#

9-18-46 T.D. 6565. Packer @ 6491. Open 3 hours & 30 min. 5/8 Bottom Hole  
Choke. Gas to surface in 5 minutes, mud in one hour 30 minutes, oil in 1 hour  
and 47 minutes. Flowed 18 barrels of oil in next hour; then the next 30  
minutes did not flow; then flowed 13 minutes to pits. Pulled drill pipe  
and recovered 2885' oil and 175' oil cut mud. Average oil, 25 barrels per  
hour. Gas Oil Ratio 500/l.

D.S.T. 9-3-46  
T.D. 5150. Packer @ 5062. 2 hr test. 5/8 B.H.C. Steady blow of air  
throughout test. Recovered 250' oil cut mud, 20' salt water.