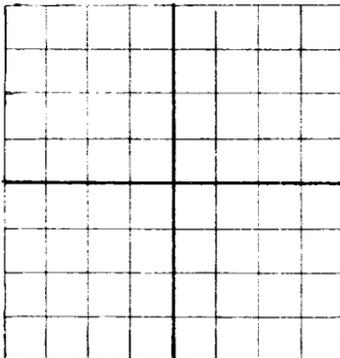


N

NEW MEXICO OIL CONSERVATION COMMISSION

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

AREA 640 ACRES  
LOCATE WELL CORRECTLY

J. D. McGurt

1811 Kentucky, El Paso, Texas

Company or Operator McGurt Address 1811 Kentucky, El Paso, Texas  
 Well No. 1 in NESW of Sec. 24, T. 18  
 Lease 27 N. M. P. M., Artesia Field, Eddy County.  
 Well is \_\_\_\_\_ feet south of the North line and \_\_\_\_\_ feet west of the East line of \_\_\_\_\_  
 If State land the oil and gas lease is No. B-10568 Assignment No. \_\_\_\_\_  
 If patented land the owner is \_\_\_\_\_ Address \_\_\_\_\_  
 If Government land the permittee is \_\_\_\_\_ Address \_\_\_\_\_  
 The Lessee is \_\_\_\_\_ Address \_\_\_\_\_  
 Drilling commenced July 6, 1949 Drilling was completed August 20, 1949  
 Name of drilling contractor Kersey & Son Address Artesia, New Mexico  
 Elevation above sea level at top of casing \_\_\_\_\_ feet.  
 The information given is to be kept confidential until \_\_\_\_\_ 19\_\_\_\_

OIL SANDS OR ZONES

No. 1, from 1860 to 1873 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from 1961 to 1971 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 215' 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 |         |
| 8 5/8" | 24#             |                  |      | 498'   |              |                   |            |    |         |
|        |                 |                  |      |        |              |                   |            |    |         |
|        |                 |                  |      |        |              |                   |            |    |         |
|        |                 |                  |      |        |              |                   |            |    |         |
|        |                 |                  |      |        |              |                   |            |    |         |
|        |                 |                  |      |        |              |                   |            |    |         |
|        |                 |                  |      |        |              |                   |            |    |         |
|        |                 |                  |      |        |              |                   |            |    |         |
|        |                 |                  |      |        |              |                   |            |    |         |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 10"          | 8 5/8          | 498'      | 50                  |             |             |                    |
|              |                |           |                     |             |             |                    |
|              |                |           |                     |             |             |                    |
|              |                |           |                     |             |             |                    |

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 |
|------|------------|----------------------------|----------|---------|-----------------------|-------------------|
|      |            | Nitroglycerin              | 100 qts  | 8-9-49  | 1961-1971             |                   |
|      |            | "                          | 100 qts  | 8-13-49 | 1884-1869             |                   |

Results of shooting or chemical treatment Increased from 5 to 10 barrels.

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 \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

PRODUCTION

Put to producing September 1, 1949  
 The production of the first 24 hours was 35 barrels of fluid of which 100 % 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

\_\_\_\_\_, 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 23rd day of February, 1950  
Erma D. Williams  
 Notary Public

Artesia, New Mexico February 23, 1950  
 Name Harold Kersey  
 Position Partner  
 Representing Kersey & Son  
 Company or Operator  
 Address Artesia, New Mexico

My Commission expires February 19, 1952

**FORMATION RECORD**

| FROM | TO   | THICKNESS<br>IN FEET | FORMATION               |
|------|------|----------------------|-------------------------|
| 0    | 30   |                      | Caliche                 |
| 30   | 147  |                      | Red Beds                |
| 147  | 195  |                      | Sandy Red Beds          |
| 195  | 255  |                      | Red Beds                |
| 255  | 270  |                      | Anhydrite               |
| 270  | 300  |                      | Red Beds                |
| 300  | 415  |                      | Anhydrite               |
| 415  | 430  |                      | Blue shale, Anhydrite   |
| 430  | 450  |                      | Anhydrite               |
| 450  | 475  |                      | Blue Shale              |
| 475  | 495  |                      | Anhydrite               |
| 495  | 515  |                      | Anhydrite, Red Rock     |
| 515  | 552  |                      | Anhydrite               |
| 552  | 575  |                      | Brown Lime              |
| 575  | 755  |                      | Anhydrite               |
| 755  | 815  |                      | Brown Lime, Anhydrite   |
| 815  | 1368 |                      | Anhydrite               |
| 1368 | 1380 |                      | Red Sand                |
| 1380 | 1541 |                      | Anhydrite               |
| 1541 | 1558 |                      | Lime                    |
| 1558 | 1610 |                      | Anhydrite               |
| 1670 | 1678 |                      | Lime                    |
| 1678 | 1725 |                      | Anhydrite, Lime shells  |
| 1725 | 1737 |                      | Lime                    |
| 1737 | 1745 |                      | Red Sand                |
| 1745 | 1752 |                      | Pink Lime               |
| 1752 | 1860 |                      | Lime                    |
| 1860 | 1873 |                      | Sandy Lime, Show of Oil |
| 1873 | 1877 |                      | Sandy Lime              |
| 1877 | 1930 |                      | White Lime              |
| 1930 | 1940 |                      | Lime                    |
| 1940 | 1961 |                      | Grey Lime               |
| 1961 | 1971 |                      | Sandy Lime, Show of Oil |
| 1971 |      |                      | Lime, free Oil          |
| 1990 |      |                      | Steel Line Measure      |