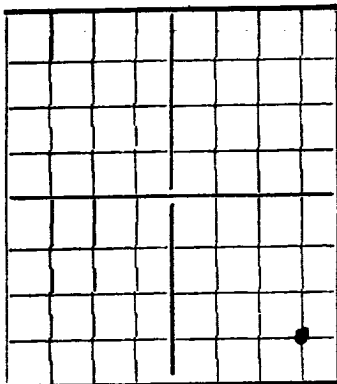


## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



DUPLICATE

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

Robert E. McKee, Artesia, New Mexico  
Company or Operator Address  
State Well No. 2 in SE SE of Sec. 3, T. 19 S  
Lease  
R. 29 E, N. M. P. M., Wild Cat Field, Eddy County.  
Well is 660 feet south of the North line and 660 feet west of the East line of Section 3  
If State land the oil and gas lease is No. B-9739 Assignment No. 1  
If patented land the owner is, Address  
If Government land the permittee is, Address  
The Lessee is Harry Leonard, Address Roswell, New Mexico  
Drilling commenced March 1, 1943. Drilling was completed July 6, 1943  
Name of drilling contractor D. C. Saitin, Address Artesia, New Mexico  
Elevation above sea level at top of casing 3395 feet.  
The information given is to be kept confidential until 19

## OIL SANDS OR ZONES

No. 1, from 1585 to 1595 No. 4, from 2609 to 2627  
No. 2, from 1697 to 1721 No. 5, from 2656 to 2689  
No. 3, from 2330 to 2343 No. 6, from to  
2575 2592

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 2330 to 2343 feet.  
No. 2, from 2810 to 2813 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 |
|------|-----------------|------------------|------|--------|--------------|-------------------|--------------------|---------|
| 10"  | 48#             | 10               |      | 385'   | Reg.         |                   |                    |         |
| 7"   | 20#             | 8                |      | 2550'  | Reg.         | 1920              |                    |         |
| * 7" | 20#             |                  |      | 1545   |              |                   |                    |         |
|      |                 |                  |      |        |              |                   |                    |         |
|      |                 |                  |      |        |              |                   |                    |         |
|      |                 |                  |      |        |              |                   |                    |         |
|      |                 |                  |      |        |              |                   |                    |         |

## 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"          | 7"             | 2550      | 100                 | Halliburton |             |                    |
| * 7"         | 7"             | 1545      | 35                  |             |             |                    |

\* 5-13-71 38)

## 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 |
|-----------|------------|----------------------------|----------|---------|-----------------------|-------------------|
| 5 & 3 in. |            | Nitro                      | 340      | 7/13/43 | 2576 to 2689          | 2689              |
|           |            | Dowell XX                  | 3000     | 5/18/43 | 2557-2600             | 93 feet           |
|           |            | Dowell XX                  | 5000     | 5/26/43 | " "                   | " "               |

Results of shooting or chemical treatment Increased production by explosive  
Increased production by acidizing

## 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 0 feet to 2015 feet, and from feet to feet

## PRODUCTION

Put to producing July 21, 1943.  
The production of the first 24 hours was 35 barrels of fluid of which 20 hbl. was oil; %  
emulsion; 15 hbl. 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

W. D. Walker, Driller Clay Rook, Driller  
O. C. Bean, Driller Paul Morris, 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.

Artesia, N.M., August 12, 1943  
Subscribed and sworn to before me this 12 day of August, 1943  
Neil B. Watson, Notary Public.  
Name Stanley Jones, Position Agent  
Representing Robert E. McKee, Company or Operator  
My Commission expires My Commission Expires December 4, 1944  
Address Carper Building, Artesia, N.M.

## FORMATION RECORD

| FROM | TO   | THICKNESS<br>IN FEET | FORMATION                             |
|------|------|----------------------|---------------------------------------|
| 0    | 35   | 35                   | Caliche                               |
| 35   | 50   | 15                   | Red Bed                               |
| 50   | 135  | 85                   | Gypsum                                |
| 135  | 145  | 10                   | Gray Shale                            |
| 145  | 155  | 10                   | Red Rock                              |
| 155  | 170  | 15                   | Anhydrite                             |
| 170  | 205  | 35                   | Red Bed and Red Rock                  |
| 205  | 225  | 20                   | Blue Shale                            |
| 225  | 250  | 25                   | Red Rocky Gypsum                      |
| 250  | 280  | 30                   | Anhydrite                             |
| 280  | 300  | 20                   | Red Bed Top Salt                      |
| 300  | 830  | 530                  | Salt                                  |
| 830  | 850  | 20                   | Anhydrite & Salt                      |
| 850  | 1020 | 170                  | Salt Base of Salt                     |
| 1020 | 1270 | 250                  | Anhydrite                             |
| 1270 | 1315 | 45                   | Red Bed                               |
| 1315 | 1375 | 608                  | Anhydrite and Red Rock                |
| 1375 | 1400 | 25                   | Anhydrite and Gray Shale              |
| 1400 | 1435 | 35                   | Anhydrite and Red Rock                |
| 1435 | 1450 | 15                   | Pink Lime                             |
| 1450 | 1535 | 85                   | Anhydrite and Red Rock                |
| 1535 | 1555 | 20                   | Anhydrite                             |
| 1555 | 1585 | 30                   | Anhydrite and Brown Shale             |
| 1585 | 1595 | 10                   | Gray Shale and Sand Show oil          |
| 1595 | 1600 | 5                    | Anhydrite and Sand                    |
| 1600 | 1610 | 10                   | Red Bed and Anhydrite, Sand           |
| 1610 | 1645 | 35                   | Gray Shale and Sand                   |
| 1645 | 1675 | 30                   | Broken Gray Lime                      |
| 1675 | 1685 | 10                   | Gray Lime                             |
| 1685 | 1695 | 10                   | Brown Shale and Anhydrite             |
| 1695 | 1725 | 30                   | Lime and Sand                         |
| 1725 | 1740 | 15                   | Lime                                  |
| 1740 | 1755 | 15                   | Gray Lime                             |
| 1755 | 1775 | 20                   | Pink Lime                             |
| 1775 | 1815 | 40                   | Lime                                  |
| 1815 | 1865 | 50                   | Gray Lime                             |
| 1865 | 1875 | 10                   | Lime                                  |
| 1875 | 1885 | 10                   | Brown and Gray Lime                   |
| 1885 | 1900 | 15                   | Hard Gray Lime                        |
| 1900 | 1920 | 20                   | Pink Lime                             |
| 1920 | 1947 | 27                   | Lime                                  |
| 1947 | 1955 | 8                    | Sandy Lime                            |
| 1955 | 1975 | 20                   | Lime                                  |
| 1975 | 1985 | 10                   | Pink Sandy Lime                       |
| 1985 | 1995 | 10                   | Lime                                  |
| 1995 | 2005 | 10                   | Red Sand                              |
| 2005 | 2010 | 5                    | Gray Lime                             |
| 2010 | 2020 | 10                   | Pink Sandy Lime                       |
| 2020 | 2025 | 5                    | Red Sandy Lime                        |
| 2025 | 2065 | 40                   | Red Sand and Lime                     |
| 2065 | 2075 | 10                   | Sandy Lime                            |
| 2075 | 2090 | 15                   | Sand                                  |
| 2090 | 2103 | 13                   | Sand and Pink Lime                    |
| 2103 | 2112 | 9                    | Gray Lime                             |
| 2112 | 2133 | 21                   | Lime                                  |
| 2133 | 2174 | 41                   | Gray Lime                             |
| 2174 | 2183 | 9                    | Pink Lime                             |
| 2183 | 2194 | 11                   | Gray Lime                             |
| 2194 | 2216 | 22                   | Lime                                  |
| 2216 | 2238 | 22                   | Gray Lime                             |
| 2238 | 2240 | 22                   | Brown Sandy Lime                      |
| 2260 | 2271 | 11                   | Red Sand and Gray Shale               |
| 2271 | 2282 | 11                   | Red Sand and Brown Shale              |
| 2282 | 2330 | 48                   | Gray Lime                             |
| 2330 | 2343 | 13                   | Gray Lime and Sand Show oil and Water |
| 2343 | 2390 | 47                   | Gray Lime                             |
| 2390 | 2402 | 12                   | Red Sandy Shale                       |
| 2402 | 2416 | 14                   | Lime and Brown Shale                  |
| 2416 | 2426 | 10                   | Broken Sandy Lime                     |
| 2426 | 2454 | 28                   | Gray Lime                             |
| 2454 | 2486 | 32                   | Gray Lime and Shale Reduced Hole      |
| 2486 | 2498 | 12                   | Gray Lime and Sand                    |
| 2498 | 2522 | 24                   | Broken Sandy Lime                     |
| 2522 | 2531 | 9                    | Sand and Shale                        |
| 2531 | 2546 | 15                   | Sand and Gray Lime                    |
| 2546 | 2566 | 20                   | Gray Lime                             |
| 2566 | 2575 | 9                    | Brown Lime                            |
| 2575 | 2592 | 17                   | Gray Lime and Brown Sand Oil Pay      |
| 2592 | 2600 | 8                    | Lime                                  |
| 2600 | 2610 | 10                   | Lime                                  |
| 2610 | 2630 | 20                   | Lime                                  |
| 2630 | 2650 | 20                   | Lime                                  |
| 2650 | 2665 | 15                   | Lime                                  |
| 2665 | 2680 | 15                   | Lime                                  |
| 2680 | 2700 | 20                   | Lime                                  |
| 2700 | 2715 | 15                   | Lime                                  |
| 2715 | 2725 | 10                   | Lime                                  |
| 2725 | 2740 | 15                   | Lime                                  |
| 2740 | 2750 | 10                   | Lime                                  |
| 2750 | 2758 | 8                    | Sand                                  |
| 2758 | 2770 | 12                   | Lime                                  |
| 2770 | 2790 | 20                   | Sandy Brown Lime                      |
| 2790 | 2815 | 25                   | Sandy Lime Sulphur water              |

Total Depth 2815