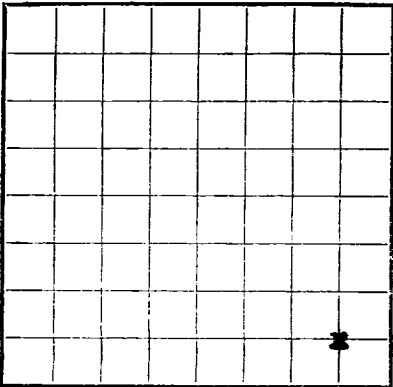




LOCATE WELL CORRECTLY

LAND OFFICE Las Cruces  
SERIAL NUMBER LC 030133 b  
LEASE OR PERMIT TO PROSPECT Lea

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Continental Oil Company Address Box 68, Sunice, New Mexico  
Lessor or Tract Meyer E-22 Field South Sunice State New Mexico  
Well No. 12 Sec. 22 T. 22 R. 36 Meridian NMPM County Lea  
Location 660 ft. N. of S Line and 660 ft. W. of E Line of Sec 22 Elevation 3503  
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed \_\_\_\_\_  
Date 10-20-56 Title District Superintendent

The summary on this page is for the condition of the well at above date.

Commenced drilling 9-27, 19 56 Finished drilling 10-11, 19 56

OIL OR GAS SANDS OR ZONES  
(Denote gas by G)

No. 1, from 3614 to 3757 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

CASING RECORD

| Size casing | Weight per foot | Threads per inch | Make | Amount | Kind of shoe | Cut and pulled from | Perforated |      | Purpose    |
|-------------|-----------------|------------------|------|--------|--------------|---------------------|------------|------|------------|
|             |                 |                  |      |        |              |                     | From—      | To—  |            |
| 8 5/8       | 24              | 8                | J-55 | 342    | Guide        |                     |            |      |            |
| 5 1/2       | 14              | 8                | J-55 | 346    | Guide, float |                     | 3614       | 3636 | production |
| 5 1/2       | 14              | 8                | H-40 | 1199   | "            |                     | 3650       | 3676 | "          |
|             |                 |                  |      |        |              |                     | 3687       | 3723 | "          |
|             |                 |                  |      |        |              |                     | 3733       | 3743 | "          |
|             |                 |                  |      |        |              |                     | 3747       | 3757 | "          |

MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 8 5/8       | 350       | 350                    | pump & plug |             |                    |
| 5 1/2       | 3800      | 1100                   | "           | "           |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |

PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

SHOOTING RECORD

| Size | Shell used | Explosive used | Quantity | Date | Depth shot | Depth cleaned out |
|------|------------|----------------|----------|------|------------|-------------------|
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |

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

DATES

\_\_\_\_\_, 19 \_\_\_\_\_ Put to producing 10-20, 19 56

The production for the first 24 hours was 204 barrels of fluid of which 96 % was oil; \_\_\_\_\_ % emulsion; 4 % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. \_\_\_\_\_

If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. \_\_\_\_\_

EMPLOYEES

Gale Proctor, Driller Ray Blday, Driller  
Doyle Proctor, Driller \_\_\_\_\_, Driller

FORMATION RECORD

| FROM— | TO—     | TOTAL FEET | FORMATION                 |
|-------|---------|------------|---------------------------|
| 0     | 1523    | 1523       | Redbed                    |
| 1523  | 1614    | 91         | Anhydrite                 |
| 1614  | 2997    | 1383       | Salt, Anhydrite           |
| 2997  | 3153    | 156        | Anhydrite                 |
| 3153  | 3800 TD | 647        | Anhydrite, Dolomite, Sand |

TD Line 3800', DGD 3795', DF 10', elev 3503'. Pay Seven Rivers 3614-3757'.  
Casing point 5 1/2" set at 3800'. Perf 3614-36', 3650-76', 3687-3723',  
3733-43', 3747-57'. IP flowed 65 bbls 37° gravity oil, 3 bbls water in 8  
hrs. 16/64" choke, TP 320#, CP 800#. Daily potential 195 bbls oil w/202  
MC2 gas, GGR 1035. Estimated daily allowable 39 bbls oil. Sandfraced  
w/20,000" sand, 20,000 gals lease crude, w/0.1% adomite per gal. P.L.  
conn: Texas-New Mexico. Drilling started 9-27-56, completed 10-11-56,  
rig released 10-16-56. Tested 10-20-56. Tops: anhydrite 1523', Salt  
1614', Base Salt 2997', Yates 3153', Seven Rivers 3426', correlation point,  
Queen 3780'. Cactus Drilg Co, contractor.

Tops by R/A survey.

