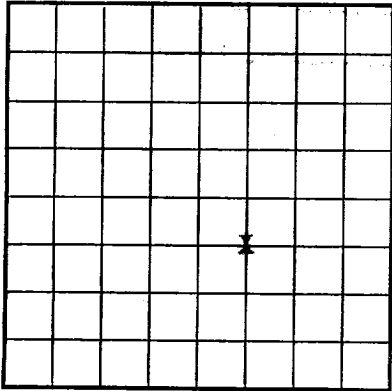


U. S. LAND OFFICE Las Cruces  
SERIAL NUMBER 031620 (a)  
LEASE OR PERMIT TO PROSPECT Lease



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Continental Oil Company Address Box 127 - Hobbs, New Mexico  
Lessor or Tract SENU-J. E. Skaggs A-24 No. 5 Field Skaggs State New Mexico  
Well No. 5 Sec. 24 T. 203R. 374 Meridian NMM County Lea  
Location 1980 ft. (N) of 1/4 Line and 1980 ft. (E) of 1/4 Line of Sec. 24 Elevation 3542  
(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 E. L. Reid  
Date December 10, 1951 Title District Supt.

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

Commenced drilling October 15, 1951 Finished drilling October 31, 1951

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3772 to 3872 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— |         |
| 10 3/4      | 32.75           | 8V               |      | 264    | Guide Shoe          |                     |            |     |         |
| 7           | 20              | 8E               | J-55 | 37181  | G. shoe & P. collar |                     |            |     |         |
|             |                 |                  |      |        |                     |                     |            |     |         |
|             |                 |                  |      |        |                     |                     |            |     |         |
|             |                 |                  |      |        |                     |                     |            |     |         |
|             |                 |                  |      |        |                     |                     |            |     |         |
|             |                 |                  |      |        |                     |                     |            |     |         |
|             |                 |                  |      |        |                     |                     |            |     |         |
|             |                 |                  |      |        |                     |                     |            |     |         |

MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 10 3/4      | 266       | 225                    | Pump & Plug |             |                    |
| 7           | 3689      | 1365                   | Pump & Plug |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |

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 |
|------|------------|----------------|----------|---------|------------|-------------------|
|      |            | Nitro          | 280      | 11-3-51 | 3772-3872  | 3920              |
|      |            |                |          |         |            |                   |
|      |            |                |          |         |            |                   |
|      |            |                |          |         |            |                   |
|      |            |                |          |         |            |                   |
|      |            |                |          |         |            |                   |
|      |            |                |          |         |            |                   |
|      |            |                |          |         |            |                   |
|      |            |                |          |         |            |                   |

TOOLS USED

Rotary tools were used from 0 feet to 3690 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from 3690 feet to 3920 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

\_\_\_\_\_, 19\_\_\_\_ Put to producing November 7, 1951

The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which 100 % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. 35

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

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

EMPLOYEES

O. M. Tandy, Driller C. E. McCann, Driller  
E. L. Reid, Driller \_\_\_\_\_, Driller

FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION            |
|-------|------|------------|----------------------|
| 0     | 1350 | 1350       | Redbeds              |
| 1350  | 1450 | 100        | Anhydrite            |
| 1450  | 2550 | 1100       | Salt                 |
| 2550  | 2810 | 260        | Anhydrite & Sand     |
| 2810  | 3700 | 890        | Dolomite & Anhydrite |
| 3700  | 3920 | 220        | Dolomite & Sand      |

Drilled to 3690'. Set 7" production string at 3689'. Moved in reverse rig & drilled out cement plug. Deepened to total depth. 3920'. Shot interval 3772-3872' with 280 qts. Nitroglycerine. Cleaned out to total depth. After swabbed oil load, swabbed 55 barrels oil, no water, 5 hours @ 175#. Then swabbed 11 barrels per hour. Gas TSTM. On initial potential swabbed & flowed 110 barrels of 35 deg. gravity oil, no water in 20 hours, thru 3/4" choke on 2" tubing for a daily potential of 132 barrels oil, no water. Gas volume TSTM. @ 100-250#. @ 30#. 2" tubing set at 3906'.

PLEASE OR RETURN TO OFFICE OF THE  
SPECIAL INQUIRY UNIT  
U.S. CUSTOMS AND BORDER PROTECTION

100 90 80 70 60 50 40 30 20 10 0

[illegible][illegible]

## HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dewatered, give date, size, position, and number of shots. If plungers or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

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