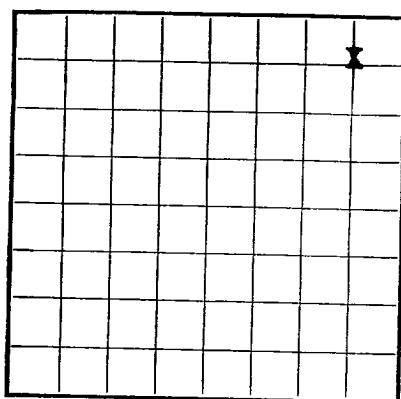


U. S. LAND OFFICE Las Cruces  
SERIAL NUMBER LC 030143 (b)  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_

LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company Continental Oil Company Address Box 427, Hobbs, New Mexico  
Lessor or Tract J. L. Reed B-22 Field Emont State New Mexico  
Well No. 2 Sec. 22 T. 20S R. 36E Meridian N.M.P.M. County Lea  
Location 660 ft. N. of N. Line and 660 ft. W. of E. Line of Section 22 Elevation 3585  
(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 [Signature]Date February 14, 1956Title District Superintendent

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

Commenced drilling October 11, 19 55 Finished drilling October 28, 19 55

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ 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                      | 24.4            | 88               | J-55 | 350'   | Guide Shoe                |                     |            |     |         |
| 5 1/2                      | 14.4            | 88               | J-55 | 4030'  | Guide Shoe & Float Collar |                     |            |     |         |
| HISTORY OF OIL OR GAS WELL |                 |                  |      |        |                           |                     |            |     |         |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 8 5/8       | 360'      | 225                    | Pump & Plug |             |                    |
| 5 1/2       | 4029'     | 1,425                  | 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 |
|------|------------|----------------|----------|------|------------|-------------------|
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |

## TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to 4030 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

\_\_\_\_\_, 19 \_\_\_\_\_ Put to producing T.A. 1-30-56, 19 \_\_\_\_\_  
The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_% was oil; \_\_\_\_\_%  
emulsion; \_\_\_\_\_% 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

J. O. Cole, Driller J. W. Ellis, Driller  
O. B. Kelton, Driller \_\_\_\_\_, Driller

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION          |
|-------|------|------------|--------------------|
| 0     | 190  | 190        | Surface Sand.      |
| 190   | 255  | 65         | Redrock & Shells.  |
| 255   | 330  | 75         | Redbed.            |
| 330   | 1190 | 860        | Redbed & Shells.   |
| 1190  | 1240 | 50         | Redrock & Sand.    |
| 1240  | 1340 | 100        | Anhydrite.         |
| 1340  | 2630 | 1290       | Salt & Anhydrite.  |
| 2630  | 2735 | 105        | Gyp & Anhydrite.   |
| 2735  | 2753 | 18         | Gray Lime.         |
| 2753  | 2789 | 36         | Gyp & Anhydrite.   |
| 2789  | 2950 | 161        | Lime & Gyp.        |
| 2950  | 3000 | 50         | Sandy Lime & Sand. |
| 3000  | 3188 | 188        | Sandy Lime.        |
| 3188  | 3414 | 226        | Lime.              |
| 3414  | 3449 | 35         | Lime & Gyp.        |
| 3449  | 3481 | 32         | Sandy Lime.        |
| 3481  | 3507 | 26         | Lime.              |
| 3507  | 3543 | 36         | Sandy Lime.        |
| 3543  | 3681 | 138        | Lime.              |
| 3681  | 3700 | 19         | Sandy Lime.        |
| 3700  | 4030 | 330        | Lime.              |

FORMATION RECORD—Continued

1. List of names of persons who have been  
2. List of names of persons who have been  
3. List of names of persons who have been  
4. List of names of persons who have been  
5. List of names of persons who have been  
6. List of names of persons who have been  
7. List of names of persons who have been  
8. List of names of persons who have been  
9. List of names of persons who have been  
10. List of names of persons who have been

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

[illegible]

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 \_\_\_\_\_ Title \_\_\_\_\_

Location [N] of [S] of A. Line and [E] of [W] of B. Line of Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_ of \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_

Lessor or First Lessee \_\_\_\_\_ Field Number \_\_\_\_\_ State \_\_\_\_\_

Company \_\_\_\_\_ Address \_\_\_\_\_

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

Commenced drilling \_\_\_\_\_ 10:30 \_\_\_\_\_  
Finished drilling \_\_\_\_\_

**OIL OR GAS SANDS OR ZONES**

(f) and (g) also

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

## CASING RECORD

| Weight<br>per foot | Price per<br>1000 | Make | Amount | Kind of shoe | Car and pulled from | Refrigerated | Purpose |
|--------------------|-------------------|------|--------|--------------|---------------------|--------------|---------|
|--------------------|-------------------|------|--------|--------------|---------------------|--------------|---------|

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 "struck" or left in the well, give its size and position. If the well has been dynamited, give date, position, and number of shots. If pipes or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

# HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

| Case No. | Where set | Number sacks of cement | Mashed bed | Plaster bed | Amount burned in furnace |
|----------|-----------|------------------------|------------|-------------|--------------------------|
| 1        | 1         | 1                      | 1          | 1           | 1                        |
| 2        | 1         | 1                      | 1          | 1           | 1                        |

## PLUGS AND ADAPTERS

|  |                       |        |           |
|--|-----------------------|--------|-----------|
|  | Diameter - Millimeter | Length | Depth set |
|  | Size                  |        |           |

SHOOTING RECORD

[illegible]

TOOTS USED

[illegible]

DATA

|                                                                                                      |                                                                                 |
|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| <p>... to producing ...</p> <p>... of ...</p> <p>... was off ...</p> <p>... 1962</p> <p>... 1960</p> | <p>... 1960</p> <p>... 1961</p> <p>... 1962</p> <p>... 1963</p> <p>... 1964</p> |
|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|

## EMPLOYEES

|                                                                                      |                                                                                                                               |
|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 1. Name of the person or organization<br>2. Address<br>3. City<br>4. State<br>5. Zip | 6. Date<br>7. Time<br>8. Location<br>9. Name of the person or organization<br>10. Address<br>11. City<br>12. State<br>13. Zip |
|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|

FORMATION RECORD

| FROM | TO    | TOTAL FEET | FORMATION |
|------|-------|------------|-----------|
| 000  | 100   | 100        | CLAY      |
| 100  | 200   | 200        | SAND      |
| 200  | 300   | 300        | CLAY      |
| 300  | 400   | 400        | SAND      |
| 400  | 500   | 500        | CLAY      |
| 500  | 600   | 600        | SAND      |
| 600  | 700   | 700        | CLAY      |
| 700  | 800   | 800        | SAND      |
| 800  | 900   | 900        | CLAY      |
| 900  | 1000  | 1000       | SAND      |
| 1000 | 1100  | 1100       | CLAY      |
| 1100 | 1200  | 1200       | SAND      |
| 1200 | 1300  | 1300       | CLAY      |
| 1300 | 1400  | 1400       | SAND      |
| 1400 | 1500  | 1500       | CLAY      |
| 1500 | 1600  | 1600       | SAND      |
| 1600 | 1700  | 1700       | CLAY      |
| 1700 | 1800  | 1800       | SAND      |
| 1800 | 1900  | 1900       | CLAY      |
| 1900 | 2000  | 2000       | SAND      |
| 2000 | 2100  | 2100       | CLAY      |
| 2100 | 2200  | 2200       | SAND      |
| 2200 | 2300  | 2300       | CLAY      |
| 2300 | 2400  | 2400       | SAND      |
| 2400 | 2500  | 2500       | CLAY      |
| 2500 | 2600  | 2600       | SAND      |
| 2600 | 2700  | 2700       | CLAY      |
| 2700 | 2800  | 2800       | SAND      |
| 2800 | 2900  | 2900       | CLAY      |
| 2900 | 3000  | 3000       | SAND      |
| 3000 | 3100  | 3100       | CLAY      |
| 3100 | 3200  | 3200       | SAND      |
| 3200 | 3300  | 3300       | CLAY      |
| 3300 | 3400  | 3400       | SAND      |
| 3400 | 3500  | 3500       | CLAY      |
| 3500 | 3600  | 3600       | SAND      |
| 3600 | 3700  | 3700       | CLAY      |
| 3700 | 3800  | 3800       | SAND      |
| 3800 | 3900  | 3900       | CLAY      |
| 3900 | 4000  | 4000       | SAND      |
| 4000 | 4100  | 4100       | CLAY      |
| 4100 | 4200  | 4200       | SAND      |
| 4200 | 4300  | 4300       | CLAY      |
| 4300 | 4400  | 4400       | SAND      |
| 4400 | 4500  | 4500       | CLAY      |
| 4500 | 4600  | 4600       | SAND      |
| 4600 | 4700  | 4700       | CLAY      |
| 4700 | 4800  | 4800       | SAND      |
| 4800 | 4900  | 4900       | CLAY      |
| 4900 | 5000  | 5000       | SAND      |
| 5000 | 5100  | 5100       | CLAY      |
| 5100 | 5200  | 5200       | SAND      |
| 5200 | 5300  | 5300       | CLAY      |
| 5300 | 5400  | 5400       | SAND      |
| 5400 | 5500  | 5500       | CLAY      |
| 5500 | 5600  | 5600       | SAND      |
| 5600 | 5700  | 5700       | CLAY      |
| 5700 | 5800  | 5800       | SAND      |
| 5800 | 5900  | 5900       | CLAY      |
| 5900 | 6000  | 6000       | SAND      |
| 6000 | 6100  | 6100       | CLAY      |
| 6100 | 6200  | 6200       | SAND      |
| 6200 | 6300  | 6300       | CLAY      |
| 6300 | 6400  | 6400       | SAND      |
| 6400 | 6500  | 6500       | CLAY      |
| 6500 | 6600  | 6600       | SAND      |
| 6600 | 6700  | 6700       | CLAY      |
| 6700 | 6800  | 6800       | SAND      |
| 6800 | 6900  | 6900       | CLAY      |
| 6900 | 7000  | 7000       | SAND      |
| 7000 | 7100  | 7100       | CLAY      |
| 7100 | 7200  | 7200       | SAND      |
| 7200 | 7300  | 7300       | CLAY      |
| 7300 | 7400  | 7400       | SAND      |
| 7400 | 7500  | 7500       | CLAY      |
| 7500 | 7600  | 7600       | SAND      |
| 7600 | 7700  | 7700       | CLAY      |
| 7700 | 7800  | 7800       | SAND      |
| 7800 | 7900  | 7900       | CLAY      |
| 7900 | 8000  | 8000       | SAND      |
| 8000 | 8100  | 8100       | CLAY      |
| 8100 | 8200  | 8200       | SAND      |
| 8200 | 8300  | 8300       | CLAY      |
| 8300 | 8400  | 8400       | SAND      |
| 8400 | 8500  | 8500       | CLAY      |
| 8500 | 8600  | 8600       | SAND      |
| 8600 | 8700  | 8700       | CLAY      |
| 8700 | 8800  | 8800       | SAND      |
| 8800 | 8900  | 8900       | CLAY      |
| 8900 | 9000  | 9000       | SAND      |
| 9000 | 9100  | 9100       | CLAY      |
| 9100 | 9200  | 9200       | SAND      |
| 9200 | 9300  | 9300       | CLAY      |
| 9300 | 9400  | 9400       | SAND      |
| 9400 | 9500  | 9500       | CLAY      |
| 9500 | 9600  | 9600       | SAND      |
| 9600 | 9700  | 9700       | CLAY      |
| 9700 | 9800  | 9800       | SAND      |
| 9800 | 9900  | 9900       | CLAY      |
| 9900 | 10000 | 10000      | SAND      |