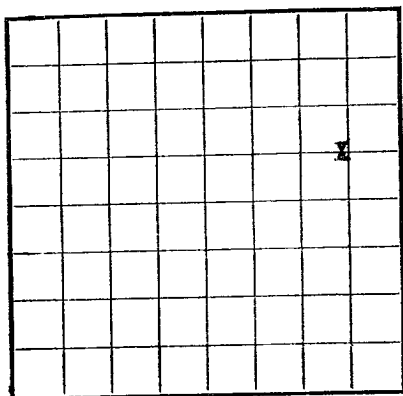


U. S. LAND OFFICE Santa Fe, N. M.  
SERIAL NUMBER LC 030187  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

# LOG OF OIL OR GAS WELL

## LOCATE WELL CORRECTLY

Company E. Constantin, Jr. Address Mercantile Bank Bldg.  
Lessor or Tract La Munyon Federal Field Langlie-Mattix State New Mexico  
Well No. 1 Sec. 29 T. 23 R. 37 Meridian NMPM County Lea  
Location 1980 ft. DN of N Line and 660 ft. EW of W Line of Sec. 29 Elevation 3309.29 KB  
(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 L. J. Barrett

Date December 2, 1957 Title Production Manager

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

Commenced drilling 11/2/57, 1957 Finished drilling 11/28/57, 1957

## OIL OR GAS SANDS OR ZONES

(Denote gas by  $G$ )

No. 1, from 3520 to 3592 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

| Size casing | Weight per foot | Threads per inch | Make     | Amount | Kind of shoe | Cut and pulled from | Perforated |     | Purpose |
|-------------|-----------------|------------------|----------|--------|--------------|---------------------|------------|-----|---------|
|             |                 |                  |          |        |              |                     | From—      | To— |         |
| 8-5/8"      | 21#             | 8 rnd.           | Seamless | 330    | Larkin       |                     |            |     |         |
| 4-1/2"      | 9-5#            | 8 rnd.           | "        | 3625   | Hallibarton  |                     |            |     |         |
| 2" tubing   |                 |                  |          | 3500   | None         |                     |            |     |         |

### MUDDING AND CEMENTING RECORD

|      | Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|------|-------------|-----------|------------------------|-------------|-------------|--------------------|
| MARK | 8-5/8"      | 330'      | 175                    | Pump Truck  |             |                    |
|      | 4-1/2"      | 3625'     | 1850                   | "           |             |                    |

## 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 |
|------|------------|----------------|-------------|-------|--------------|-------------------|
|      |            |                |             |       |              |                   |
|      |            |                |             |       |              |                   |
|      |            |                |             |       |              |                   |
|      |            | Frac Treated   | 20,000 gal. | oil & | 20,000# sand |                   |

## TOOLS USED

Rotary tools were used from 0 feet to TD feet, and from feet to feet

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

## DATES

\_\_\_\_\_, 19\_\_\_\_\_ Put to producing 11/28/57\_\_\_\_\_, 19\_\_\_\_\_

The production for the first 24 hours was 67 barrels of fluid of which 100 % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. 35°

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

Rock pressure, lbs. per sq. in. -----

## EMPLOYEES

G. M. James, Driller M. H. Barton, Driller

C. I. White, Driller E. Libard, Driller

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                           |
|-------|------|------------|-------------------------------------|
| 0     | 1095 | 1095       | Sand and Red Beds                   |
| 1095  | 1195 | 100        | Rustler anhydrite                   |
| 1195  | 2480 | 1325       | Salt & Anhydrite                    |
| 2480  | 2640 | 160        | Tansill, dolomite & Anhydrite       |
| 2640  | 2936 | 296        | Yates Sand                          |
| 2936  | 3436 | 500        | Seven Rivers dolomite and Anhydrite |
| 3426  | 3480 | 44         | Queen sand                          |
| 3480  | 3625 | 145        | Penrose sand                        |
|       | TD   |            |                                     |

**FORMATION RECORD—Continued**

[illegible]

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 dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling.

## HISTORY OF OIL OR GAS WELL

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