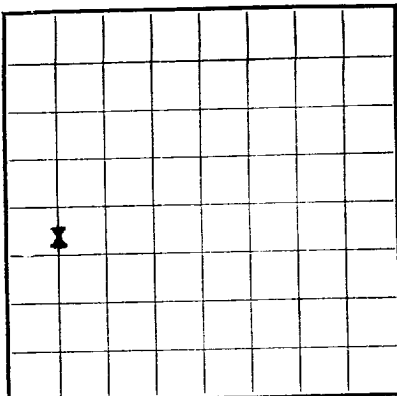


U. S. LAND OFFICE **Las Cruces**  
SERIAL NUMBER **LC 932579 (c)**  
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

HOBBS OFFICE OCC

UNITED STATES

1955 SEP DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company **El Paso Natural Gas Company** Address **Box 1384, Jal., New Mexico**  
Lessor or Tract **Carlson Federal** Field **Jalmat** State **New Mexico**  
Well No. **1** Sec. **22** T. **25S** R. **37E** Meridian **NM PM** County **Lea**  
Location **1980 ft. [N.] of S. Line and 660 ft. [E.] of W. Line of Sec. 22** Elevation **3096 DF**  
(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.

Date **September 2, 1955** Signed **Larry C. Zink** Title **Division Geologist**

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

Commenced drilling **July 23**, 19**55** Finished drilling **August 21**, 19**55**

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2964** to **3056** No. 4, from **3056** to **3062**  
No. 2, from **2974** to **2822** No. 5, from **2822** to **2827**  
No. 3, from **3006** to **2926**

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" O.D. 32#  | 8 Rd.           | J-55             | 929  |        | Guide Shoe & Float Collar |                     |            |     | Surface |
| 5 1/2" O.D. 28#  | 8 Rd.           | J-55             | 3074 |        | Guide Shoe & Float Collar |                     |            |     | 2822    |
| 2 3/8" O.D. 4.5# | 8 Rd.           | J-55             | 3062 |        |                           |                     |            |     |         |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 8 5/8" O.D. | 929       | 50054                  | Halliburton | 8.6#/gal    |                    |
| 5 1/2" O.D. | 3074      | 60054                  | Halliburton | 10.4#/gal   |                    |

## 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 **3074** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

**Sept. 1**, 19**55** Put to producing \_\_\_\_\_, 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 **16,500,000** Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. **606**

## EMPLOYEES

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                          |
|-------|------|------------|------------------------------------|
| 0     | 895  | 895        | Surface sand, caliche and red beds |
| 895   | 1105 | 210        | Anhydrite and red shale            |
| 1105  | 2504 | 1399       | Salt, red shale and anhydrite      |
| 2504  | 2615 | 111        | Anhydrite                          |
| 2615  | 2720 | 105        | Dolomite and anhydrite             |
| 2720  | 2884 | 164        | Dolomite, anhydrite and Sandstone  |
| 2884  | 2950 | 66         | Sandstone                          |
| 2950  | 2973 | 23         | Dolomite                           |
| 2973  | 3028 | 55         | Sandstone                          |
| 3028  | 3074 | 46         | Dolomite                           |

## FORMATION TOPS

|      |      |      |              |
|------|------|------|--------------|
| 895  | 1105 | 210  | Rustlar      |
| 1105 | 2504 | 1399 | Salado       |
| 2504 | 2720 | 216  | Tansill      |
| 2720 | 3028 | 308  | Yates        |
| 3028 | 3074 | 46   | Seven Rivers |

000 30200 1 012

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

A 10x10 grid with a small black cross in the 8th column and 5th row.

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

Date September 5, 1955

Completed drilling July 23, 1955 Finished drilling August 21, 1955

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]* Party C. driller  
Title Assistant Geologist

Location 12.10 ft. N. of S. Line and 680 ft. W. of E. Line of Sec. 27.  
Well No. 2 Sec. 28 T. 21N. R. 21E. Meridian  
Tessor or Trust  
Company of Texas  
Address 42 East National St. Company  
State San Antonio  
County Bexar  
City San Antonio  
New Mexico

OIL OR GAS SANDS OR ZONES

| No.    | From | To   | Remarks                   |
|--------|------|------|---------------------------|
| No. 1  | from | 2000 | 2000 lbs. of sand, 4 from |
| No. 2  | from | 2000 | 2000 lbs. of sand, 4 from |
| No. 3  | from | 2000 | 2000 lbs. of sand, 4 from |
| No. 4  | from | 2000 | 2000 lbs. of sand, 4 from |
| No. 5  | from | 2000 | 2000 lbs. of sand, 4 from |
| No. 6  | from | 2000 | 2000 lbs. of sand, 4 from |
| No. 7  | from | 2000 | 2000 lbs. of sand, 4 from |
| No. 8  | from | 2000 | 2000 lbs. of sand, 4 from |
| No. 9  | from | 2000 | 2000 lbs. of sand, 4 from |
| No. 10 | from | 2000 | 2000 lbs. of sand, 4 from |
| No. 11 | from | 2000 | 2000 lbs. of sand, 4 from |
| No. 12 | from | 2000 | 2000 lbs. of sand, 4 from |
| No. 13 | from | 2000 | 2000 lbs. of sand, 4 from |
| No. 14 | from | 2000 | 2000 lbs. of sand, 4 from |
| No. 15 | from | 2000 | 2000 lbs. of sand, 4 from |
| No. 16 | from | 2000 | 2000 lbs. of sand, 4 from |
| No. 17 | from | 2000 | 2000 lbs. of sand, 4 from |
| No. 18 | from | 2000 | 2000 lbs. of sand, 4 from |
| No. 19 | from | 2000 | 2000 lbs. of sand, 4 from |
| No. 20 | from | 2000 | 2000 lbs. of sand, 4 from |

## CASING RECORD

[illegible]

**MUDDING AND CEMENTING RECORD**

| Weight | Where set | Number bags of cement | Water bedded | Strength | Area of surface to be covered |
|--------|-----------|-----------------------|--------------|----------|-------------------------------|
| 1000   | 1000      | 1000                  | 1000         | 1000     | 1000                          |
| 1000   | 1000      | 1000                  | 1000         | 1000     | 1000                          |

PLUGS AND ADAPTERS

[illegible]

SHOOTING RECORD

[illegible]

**TOOLS USED**

| Cable tools were used from |               | Rotary tools were used from |               |
|----------------------------|---------------|-----------------------------|---------------|
| feet to                    | feet and from | feet to                     | feet and from |
| 1967                       | 1967          | 1967                        | 1967          |

DATE

|                                                                                                                                                                           |                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| If the well, on its per 24 hours<br>emission: _____ % water; and _____ % sediment.<br>The production for the first 24 hours was _____ bbl.<br>Put to producing _____ bbl. | Gallons gasoline per 1,000 cu. ft. of gas _____<br>Gravity, _____<br>% was oil; _____<br>Put to producing _____ |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|

REF ID: A66082

|  |        |  |
|--|--------|--|
|  | Differ |  |
|  | Differ |  |

GREEN MOUNTAIN

[illegible]

FORMATION RECORD-Continued