

|  |  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |

LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa FeSERIAL NUMBER 079322

LEASE OR PERMIT TO PROSPECT

14-08-001-569UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New MexicoLessor or Tract San Juan 32-9 Field Blanco State New MexicoWell No. 11 Sec. 14 T. 32N R. 9W Meridian N.M.P.M. County San JuanLocation 990 ft. N of N Line and 860 ft. E of E Line of Section 14 Elevation 6881  
(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

J. F. JallbeckDate January 5, 1954Title Petroleum Engineer

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

Commenced drilling 10-16-53, 19 Finished drilling 11-12-53, 19

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3741 to 3810 (G) No. 4, from 6070 to 6280 (G)No. 2, from 5773 to 5860 (G) No. 5, from \_\_\_\_\_ to \_\_\_\_\_No. 3, from 5860 to 6070 (G) 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— |              |
| 9-5/8       | 36              | 8 Rd.            | Spang    | 161'   | Howco        |                     |            |     | Surface      |
| 7           | 23              | 8 Rd.            | Spang    | 1733   | Baker        |                     |            |     | Prod. Casing |
| 7           | 20              | 8 Rd.            | Spang    | 4020   |              |                     |            |     | Prod. Casing |
| 2           | 4.7             | 8 Rd.            | Youngst. | 6204   |              |                     |            |     | Prod. Tubing |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used  | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|--------------|-------------|--------------------|
| 9-5/8       | 174       | 125                    | Circulated   |             |                    |
| 7           | 5763      | 500                    | Single Stage |             |                    |

## 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 |
|-------|------------|----------------|----------|----------|------------|-------------------|
| Quart | Regular    | S.N.C.         | 1335     | 11-13-53 | 5820-6280  | 6280              |

## TOOLS USED

Rotary tools were used from 0 feet to 5763 feet, and from 5763 feet to 6280 feet

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

## DATES

November 16, 1953, 19 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 648 Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_Rock pressure, lbs. per sq. in. 940

## EMPLOYEES

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

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

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET   | FORMATION                                                                      |             |      |
|-------|------|--------------|--------------------------------------------------------------------------------|-------------|------|
| 0     | 920  | 920          | Tan cr-grn ss w/thin sh breaks.                                                |             |      |
| 920   | 1908 | 988          | Variegated sh w/thin ss breaks.                                                |             |      |
| 1908  | 2776 | 868          | Tan to gry cr-grn ss interbedded w/gry sh.                                     |             |      |
| 2776  | 2907 | 131          | Ojo Alamo ss. White cr-grn s.                                                  |             |      |
| 2907  | 3300 | 393          | Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss.                |             |      |
| 3300  | 3741 | 441          | Fruitland formation. Gry carb sh, scattered coals and gry, tight, fine-grn ss. |             |      |
| 3741  | 3810 | 69           | Pictured Cliffs formation. Gry, fine-grn tight, varicolored soft ss.           |             |      |
| 3810  | 5773 | 1963         | Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.             |             |      |
| 5773  | 5860 | 87           | Cliff House ss. Gry, fine-grn, dense sil ss.                                   |             |      |
| 5860  | 6070 | 210          | Menefee formation. Gry, fine-grn s, carb sh and coal.                          |             |      |
| 6070  | 6280 | 210          | Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks.           |             |      |
|       |      |              | Tops                                                                           |             |      |
|       |      | Ojo Alamo    | 2776                                                                           | Lewis       | 3810 |
|       |      | Kirtland     | 2907                                                                           | Cliff House | 5773 |
|       |      | Fruitland    | 3300                                                                           | Menefee     | 5860 |
|       |      | Pictured Cl. | 3741                                                                           | Pt. Lookout | 6070 |

