

RECEIVED

JUL 31 1957  
U. S. GEOLOGICAL SURVEY  
FARMINGTON, NEW MEXICO

Budget Bureau No. 42-R-355.3.

Approval expires 12-31-55.

U. S. LAND OFFICE 2SERIAL NUMBER 679889-ALEASE OR PERMIT TO PROSPECT 14-08-001-459

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 997, Farmington, New MexicoLessor or Tract San Juan 26-7 Unit Field Blanco & Wilcox State New MexicoWell No. 75 (RM) Sec. 15 T. 28N R. 7W Meridian N.M.P.M. County Rio ArribaLocation 1850 ft. N. of 5 Line and 890 ft. E. of W Line of Sec. 15 Elevation 6183  
(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 \_\_\_\_\_

Date July 23, 1957 Title Petroleum Engineer

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

Commenced drilling 5-7-57, 19\_\_\_\_ Finished drilling 5-17, 19\_\_\_\_

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2858 to 2928 (G) No. 4, from 5048 to 5200 (G)No. 2, from 4508 to 4580 (G) No. 5, from \_\_\_\_\_ to \_\_\_\_\_No. 3, from 4580 to 5048 (G) No. 6, from \_\_\_\_\_ to \_\_\_\_\_

No. 7, from \_\_\_\_\_ to \_\_\_\_\_ No. 8, from \_\_\_\_\_ to \_\_\_\_\_

No. 9, from \_\_\_\_\_ to \_\_\_\_\_ No. 10, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

| Size casing | Weight per foot | Threads per inch | Min. thickness | Amount | Kind of shoe | Cut and pulled feet | Perforated | Purpose    |
|-------------|-----------------|------------------|----------------|--------|--------------|---------------------|------------|------------|
| 10 3/4"     | 38.75           | 8                | 5/16"          | 162'   | Reamer       |                     |            | Surface    |
| 7 5/8"      | 26.5            | 8                | 3/16"          | 3065'  | Single Stage |                     |            | Production |
| 5 1/2"      | 22.5            | 8                | 3/16"          | 3065'  | Single Stage |                     |            | Production |
| 2"          | 4.7             | 8                | 1/8"           | 1839'  | Single Stage |                     |            | Production |
| 1 1/4"      | 2.3             | 8                | 1/8"           | 1839'  | Single Stage |                     |            | Production |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used  | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|--------------|-------------|--------------------|
| 10 3/4"     | 175'      | 190                    | Circulated   |             |                    |
| 7 5/8"      | 3,065'    | 290                    | Single Stage |             |                    |
| 5 1/2"      | 3065-5258 | 300                    | Single Stage |             |                    |

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_

Adapters—Material \_\_\_\_\_ Size Baker Model "B" Pkr. 3136'

## SHOOTING RECORD

| Size | Shell used | Explosive used | Quantity | Date | Depth shot | Depth cleaned out |
|------|------------|----------------|----------|------|------------|-------------------|
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |

See Well History

## TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from 3065 feet to 5260 feet

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

## DATES

\_\_\_\_\_, 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 P.C. 1,808,000 Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_Rock pressure, lbs. per sq. in. M.V. 3,127,0001057 (P.C.) A.O.F. P.C. 1839EMPLOYEES M.V. 3932 MCT/D

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

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

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                                                                        |
|-------|------|------------|----------------------------------------------------------------------------------|
| -0-   | 1984 | 1984       | Tan to gry cr-grn ss interbedded w/gry sh.                                       |
| 1984  | 2113 | 129        | Ojo Alamo ss. White cr-grn s.                                                    |
| 2113  | 2642 | 529        | Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.                       |
| 2642  | 2858 | 216        | Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss. |
| 2858  | 2928 | 70         | Pictured Cliffs form. Gry, fine-grn, tight varicolored soft ss.                  |
| 2928  | 4508 | 1580       | Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.               |
| 4508  | 4580 | 72         | Cliff House ss. Gry, fine-grn, dense sil ss.                                     |
| 4580  | 5048 | 468        | Munroe form. Gry, fine-grn s, carb sh & coal                                     |
| 5048  | 5200 | 152        | Point Lockout form. Gry, very fine sil ss w/frequent sh breaks.                  |
| 5200  | 5260 | 60         | Mancos formation. Gry carb sh.                                                   |

FORMATION RECORD—Continued

