

U. S. LAND OFFICE **New Mexico**

SERIAL NUMBER 013363

LEASE OR PERMIT TO PROSPECT

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 Mexico  
 Lessor or Tract Phillips Field Blanco State New Mexico  
 Well No. 1 Sec. 32 T. 28N R. 8W Meridian NMPM County San Juan  
 Location 90 ft. [N.] of 5 Line and 800 ft. [E.] of W Line of Section 32 Elevation 6389  
~~1800~~ ~~W~~ (Depth from 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 \_\_\_\_\_ Original Signed W. F. Covert

Date November 6, 1956 Title Petroleum Engineer

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

Commenced drilling 9-28-56, 1956 Finished drilling 10-9-56, 1956

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2609 to 2695 (G) No. 4, from 4060 to 2039 (G)  
No. 2, from 4241 to 4352 (G) No. 5, from to  
No. 3, from 4352 to 4060 (G) 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 casting | Weight per foot | Threads per inch | Make | Amount | Kind of shoe | Cut and pulled from | Reforated |     | Purpose      |
|--------------|-----------------|------------------|------|--------|--------------|---------------------|-----------|-----|--------------|
|              |                 |                  |      |        |              |                     | From—     | To— |              |
| 10 3/4       | 32.75           | F.E.             | S.W. | 165'   | Howco        |                     |           |     | Surface      |
| 7 5/8        | 26.4            | 8 RD             | J-55 | 2709'  | Baker        |                     |           |     | Intermediate |
| 5 1/2        | 15.9            | 8 RD             | J-85 | 3077'  | Baker        |                     |           |     | Prod. Csg.   |
| 2            | 4.7             | 8 RD             | J-55 | 4999'  |              |                     |           |     | Prod. Tbg.   |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used  | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|--------------|-------------|--------------------|
| 10-3/4"     | 175'      | 150                    | Circulated   |             |                    |
| 7-5/8"      | 2795'     | 250                    | Single Stage |             |                    |
| 5-1/2"      | 5087'     | 300                    | 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 |
|------|------------|-------------------|----------|------|------------|-------------------|
|      |            | See Well History. |          |      |            |                   |
|      |            |                   |          |      |            |                   |
|      |            |                   |          |      |            |                   |
|      |            |                   |          |      |            |                   |

## TOOLS USED

**TOOLS USED**

Rotary tools were used from -----0----- feet to -----2792----- feet, and from -----2796----- feet to -----5092----- feet Gas Drilled

Cable tools were used from ----- feet to ----- feet, and from ----- feet to ----- feet

## DATES

-----~~10-16-56~~-----, 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 5,000 Gallons gasoline per 1,000 cu. ft. of gas 16.241

Rock pressure, lbs. per sq. in. ----- 1037 -----

## EMPLOYEES

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

## FORMATION RECORD

| FROM-- | TO-- | TOTAL FEET | FORMATION                                                                       |
|--------|------|------------|---------------------------------------------------------------------------------|
| 0      | 1610 | 1610       | Tan to gry cr-grn ss interbedded w/gry sh.                                      |
| 1610   | 1796 | 186        | Ojo Alamo ss. White cr-grn s.                                                   |
| 1796   | 2330 | 534        | Kirtland form. Gry sh interbedded w/tight gry fine-gry ss.                      |
| 2330   | 2609 | 279        | Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss. |
| 2609   | 2696 | 87         | Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.                |
| 2696   | 4241 | 1545       | Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.              |
| 4241   | 4359 | 118        | Cliff House ss. Gry, fine-grn, dense sil ss.                                    |
| 4359   | 4860 | 501        | Manefee form. Gry, fine-grn s, carb sh & coal.                                  |
| 4860   | 5039 | 179        | Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.                 |
| 5039   | 5092 | 53         | Mancoes formation. Gry carb sh.                                                 |

LEWIS & CLARK 1804-1806

1000# N Xpress pressure 1750#.



It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reworking, 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.

10-12-56 First stage: C.O.D. 5030'. Perforated with 4 jet/ft. Int. 4928-4946, 4950-4956, 4974-4976, 5015-5021. Water fractured lower point looked with 54,892 gallons water & 30,000 sand. Flush with 1000 gallons water. Injection rate 67.0 B.M. BDF 1500', treating pressure 1200', maximum pressure 1500' C.O.D. 5030'. Perforated with 4 jet/ft. Int. 4900-4908. Water fractured upper point looked with 51,000 gallons water & 30,000 sand. Injection rate 57.5 B.M. BDF none. Treating pressure 1000', maximum pressure 1750'.

## HISTORY OF OIL OR GAS WELL

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