

DIST. <sup>3</sup> UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

[illegible]

# LOG OF OIL OR GAS WELL

## LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico  
 Lessor or Tract Jicarilla "D" Field So. Blanco P.C. State New Mexico  
 Well No. 8 Sec. 30 T. 25 NR. A. W Meridian N.M.P.M. County Rio Arriba  
 Location 1095 ft. SW of N Line and 1820 ft. E of N Line of Section 30 Elevation 7385  
 (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 November 24, 1961 Title Petroleum Engineer

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

Commenced drilling ~~9-22-~~-----, 19-~~61~~ Finished drilling ~~9-27-~~-----, 19-~~61~~

## OIL OR GAS SANDS OR ZONES

(Denote gas by  $G$ )

No. 1, from ~~357~~ to ~~363 (a)~~      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. 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— |            |
| 1 1/2       | 11.5            | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 2           | 15.5            | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 2 1/2       | 20.5            | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 3           | 25.5            | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 3 1/2       | 30.5            | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 4           | 35.5            | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 4 1/2       | 40.5            | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 5           | 45.5            | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 5 1/2       | 50.5            | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 6           | 55.5            | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 6 1/2       | 60.5            | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 7           | 65.5            | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 7 1/2       | 70.5            | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 8           | 75.5            | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 8 1/2       | 80.5            | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 9           | 85.5            | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 9 1/2       | 90.5            | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 10          | 95.5            | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 10 1/2      | 100.5           | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 11          | 105.5           | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 11 1/2      | 110.5           | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 12          | 115.5           | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 12 1/2      | 120.5           | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 13          | 125.5           | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 13 1/2      | 130.5           | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 14          | 135.5           | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 14 1/2      | 140.5           | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 15          | 145.5           | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 15 1/2      | 150.5           | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 16          | 155.5           | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 16 1/2      | 160.5           | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 17          | 165.5           | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 17 1/2      | 170.5           | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 18          | 175.5           | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 18 1/2      | 180.5           | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 19          | 185.5           | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 19 1/2      | 190.5           | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 20          | 195.5           | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 20 1/2      | 200.5           | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 21          | 205.5           | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 21 1/2      | 210.5           | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |
| 22          | 215.5           | 11               | AMERICAN | 100    | Steel        | 100                 | 100        | 100 | For casing |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used  | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|--------------|-------------|--------------------|
| 8-5/8"      | 105'      | 140                    | circulated   |             |                    |
| 7-7/8"      | 96' 4"    | 155                    | 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    |
|-------------------------------|------------|----------------------------------------------|------------------|------|------------|----------------------|
| 9561-69; 3582-86;<br>3610-18; |            | Water from Pictorial Cliffs                  | W/33,012 gallons |      |            | water, 30,000f sand. |
|                               |            | W/966 gallons. HOP 1600f, max p = 3000f, avg |                  |      |            | ty p= 2700-2600-2600 |

## TOOLS USED

Rotary tools were used from 0 feet to 3679 feet, and from feet to feet  
Cable tools were used from feet to feet, and from feet to feet

## DATES

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 98,000 Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. 860 A.O.F. 970 MCF/D

## EMPLOYEES

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

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

## FORMATION RECORD

| FROM-- | TO-- | TOTAL FEET | FORMATION                                                                         |
|--------|------|------------|-----------------------------------------------------------------------------------|
| 0      | 3028 | 3028       | Tan to gry cr-grn ss interbedded w/gry sh.                                        |
| 3028   | 3140 | 112        | Ojo Alamo ss. White cr-grn s.                                                     |
| 3140   | 3391 | 251        | Kirtland form. Gry sh interbedded w/tight<br>gry fine-grn ss.                     |
| 3391   | 3574 | 183        | Fruitland form. Gry carb sh, scattered coal<br>coals and gry, tight, fine-grn ss. |
| 3574   | 3637 | 63         | Pictured Cliffs form. Gry, fine-grn tight,<br>varicolored soft ss.                |
| 3637   | 3679 | 42         | Lewis form. Gry, fine-grn dense sil ss.                                           |

