

A 10x10 grid with an 'X' in the second column and third row.

### LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe  
SERIAL NUMBER 080670  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

# LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico  
 Lessor or Tract San Juan 27-4 Unit Field Tapacito P.C. Ext State New Mexico  
 Well No. 10 Sec. 32 T. 27N R. 4W Meridian N.M.P.M. County Rio Arriba  
 Location 1840 ft. NX of N Line and 1500 ft. NX of E Line of Section 32 Elevation 6855  
 (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 Original Signed D. C. Johnston

Date October 15, 1957 Title Petroleum Engineer

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

Commenced drilling 8-30, 1957 Finished drilling 9-8, 1957

## OIL OR GAS SANDS OR ZONES

(Denote gas by  $G$ )

No. 1, from 3669 to 3756 (G) 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— |              |
| 9 5/8"      | 25.4            | P. E.            | S. W. | 122'   | Howco        |                     |            |     | Surface      |
| 5 1/2"      | 19.5            | 8 Rd.            | J-55  | 3743'  | Baker        | being used for      | and casing |     | Prod. Casing |
| 2"          | 4.7             | 8 Rd.            | J-55  | 3702'  |              |                     |            |     | 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"        | 132'      | 100                    | Circulated   |             |                    |
| 5 | 1/2"        | 3753'     | 150                    | Single Stage |             |                    |
|   |             |           |                        |              |             |                    |
|   |             |           |                        |              |             |                    |
|   |             |           |                        |              |             |                    |

## PLUGS AND ADAPTERS

|                       |        |           |
|-----------------------|--------|-----------|
| Heaving plug—Material | Length | Depth set |
| Adapters—Material     | Size   |           |

## SHOOTING RECORD

[illegible]

## TOOLS USED

Rotary tools were used from 0 feet to 3756 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

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

## DATES

9-21, 19 57 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 1,639,000 Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. ----- 1045 ----- A.O.F. = 1757 MCF/D

## EMPLOYEES

|  |  |           |  |           |
|--|--|-----------|--|-----------|
|  |  | , Driller |  | , Driller |
|  |  | , Driller |  | , Driller |

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                                                                        |
|-------|------|------------|----------------------------------------------------------------------------------|
| 0     | 3128 | 3128       | Tan to gry cr-grn ss interbedded w/gry sh.                                       |
| 3128  | 3316 | 188        | Ojo Alamo ss. White cr-grn s.                                                    |
| 3316  | 3479 | 163        | Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.                       |
| 3479  | 3669 | 190        | Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss. |
| 3669  | 3756 | 87         | Pictured Vllfs form. Gry, fine-grn, tight, varicolored soft ss.                  |

