

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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U. S. GEOLOGICAL SURVEY  
FARMINGTON, NEW MEXICO

This is a black and white image of a grid paper template. It consists of a square grid divided into smaller squares by thin lines. In the top-left corner, there is a larger square containing a bold, black letter 'X'. The rest of the grid is empty.

# LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Products Co. Address Box 1565, Farmington, New Mexico  
 Lessor or Tract Western Field Undesignated State New Mexico  
 Well No. 4-A Sec. 8 T. 26N R. 11W Meridian NMPM County San Juan  
 Location 660 ft. N. of N Line and 660 ft. E. of W Line of Section 8 Elevation 6185'  
 (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 BY: WILLIAM K. GLAZIER

Date March 13, 1958 Title Petroleum Engineer

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

Commenced drilling February 9, 1958 Finished drilling February 18, 1958

## OIL OR GAS SANDS OR ZONES

(Denote gas by  $G$ )

(Denote gas by G)

|                                                                                                                            |                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| No. 1, from <b>5132</b> to <b>5182</b><br>No. 2, from <b>5254</b> to <b>5290</b><br>No. 3, from <b>5316</b> to <b>5350</b> | No. 4, from <b>5377</b> to <b>5406</b><br>No. 5, from _____ to _____<br>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

[illegible]

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used  | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|--------------|-------------|--------------------|
| 10-3/4"     | 173'      | 150                    | Circulated   |             |                    |
| 5-1/2"      | 5454'     | 300                    | Single Stage |             |                    |
|             |           |                        |              |             |                    |
|             |           |                        |              |             |                    |
|             |           |                        |              |             |                    |

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
Adapters—Material Lane Wells BOC Size 2-3/8", 5-1/2" @ 5158'

## SHOOTING RECORD

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

## TOOLS USED

Rotary tools were used from 0 feet to 5457 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

February 27, 1958 Put to producing March 9, 1958

The production for the first 24 hours was 81.00 barrels of fluid of which 100 % was oil; ----- % emulsion; ----- % water; and ----- % sediment. Gravity, 36.40 ° API -----

If gas well, cu. ft. per 24 hours ----- Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in.

## EMPLOYEES

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

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

# FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                                                                                                    |
|-------|------|------------|--------------------------------------------------------------------------------------------------------------|
| 455   | 622  | 167        | Ojo Alamo ss. White, coarse grained sand.                                                                    |
| 622   | 1327 | 872        | Kirtland form. Gy. sh. inbd. with tight gy. FG ss.                                                           |
| 1327  | 1550 | 223        | Fruitland form. Gy. carb. sh., scat. coals, coals & gy. tight FG ss.                                         |
| 1550  | 1650 | 100        | Pictured Cliffs form. Gray, FG, tight, varicolored soft ss.                                                  |
| 1650  | 2412 | 762        | Lewis form. Gy. to white ds. sh. w/silty to shaley ss breaks.                                                |
| 2412  | 4030 | 1618       | Mesa Verde form. Gy., FG, ds. silty ss., carb. shale and coal.                                               |
| 4030  | 4280 | 250        | Point Lookout form. Gy., v/fn. silty ss w/frequent shale breaks.                                             |
| 4280  | 5132 | 852        | Mancos form. Gy., carb. sh.                                                                                  |
| 5132  | 5406 | 274        | Gallup form. Lt. gy. to brn. calc. carb. micaceous glauconitic. Very fn. gr. ss. w/irreg. interbedded shale. |

TOPS ARE FROM ELECTRIC LOGS  
AND RADIOACTIVITY LOGS.

