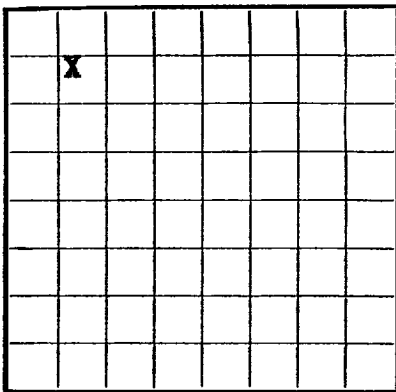


Santa Fe

U. S. LAND OFFICE 080375-A

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

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 Sheets Field Ballard Ext. State New Mexico  
Well No. 3-A Sec. 1 T. 25N R. 8W Meridian NMPM County San Juan  
Location 1170 ft. S. of N Line and 810 ft. E. of W Line of Section 1 Elevation 6559'  
(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 October 9, 1956Title Petroleum Engineer

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

Commenced drilling 8-15-56, 19\_\_\_\_ Finished drilling 8-24-56, 19\_\_\_\_

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2269 to 2384 (G) No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to 15-56  
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 |                     |
| <u>9 5/8"</u> | <u>25.4</u>     | <u>P.H.</u>      | <u>S.H.</u> | <u>122'</u>  | <u>Howe</u>  |                     |            |    | <u>Surface</u>      |
| <u>5 1/2"</u> | <u>13.5</u>     | <u>6.625</u>     | <u>S.H.</u> | <u>2399'</u> | <u>Howe</u>  |                     |            |    | <u>Prod. Casing</u> |
| <u>2"</u>     | <u>4.7</u>      | <u>4.125</u>     | <u>S.H.</u> | <u>2399'</u> | <u>Howe</u>  |                     |            |    | <u>Prod. Casing</u> |

## MUDDING AND CEMENTING RECORD

| Size casing   | Where set    | Number sacks of cement | Method used         | Mud gravity | Amount of mud used |
|---------------|--------------|------------------------|---------------------|-------------|--------------------|
| <u>9 5/8"</u> | <u>132'</u>  | <u>125</u>             | <u>Circulated</u>   |             |                    |
| <u>5 1/2"</u> | <u>2400'</u> | <u>150</u>             | <u>Single Stage</u> |             |                    |

## 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 |
|------|------------|--------------------------|----------|------|------------|-------------------|
|      |            | <u>See Well History.</u> |          |      |            |                   |

## TOOLS USED

Rotary tools were used from 132 feet to 2400 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from 0 feet to 132 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

9-19-56, 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 3,997,000 A.O.F. 4,909 MCF/D. Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. 633

## EMPLOYEES

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

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                                                                       |
|-------|------|------------|---------------------------------------------------------------------------------|
| 0     | 1520 | 1520       | Tan to gry cr-grn ss interbedded w/gry sh.                                      |
| 1520  | 1705 | 185        | Ojo Alamo ss. White cr-grn s.                                                   |
| 1705  | 2064 | 359        | Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.                      |
| 2064  | 2269 | 205        | Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss. |
| 2269  | 2384 | 115        | Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.                |
| 2384  | 2400 | 16         | Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.              |

