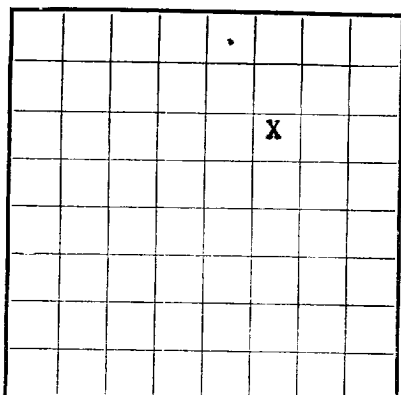


U. S. LAND OFFICE Santa FeSERIAL NUMBER 079295

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 Reams Field So. Blanco P.C. State New Mexico  
Well No. 2 Sec. 23 T. 26N R. 6W Meridian NMPM County Rio Arriba  
Location 1620 ft. S. of N Line and 1845 ft. E. of E Line of Section 23 Elevation 6723'  
(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 19, 1954Title Petroleum Engineer

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

Commenced drilling August 16, 1954 Finished drilling September 5, 1954

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3079 to 3145 (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 |                   |
| <u>9 5/8</u> | <u>25.4</u>     | <u>SW</u>        | <u>ARMCO</u>     | <u>120.93</u> | <u>ARMCO</u> |                     |            |    | <u>Surface</u>    |
| <u>5 1/2</u> | <u>13.3</u>     | <u>8 RD</u>      | <u>Std. Blk.</u> | <u>312.78</u> |              |                     |            |    | <u>Prod. Log.</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>133</u>  | <u>100</u>             | <u>Circulated</u>   |             |                    |
| <u>5 1/2</u> | <u>3079</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 0 feet to 3079 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from 3079 feet to 3145 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

September 7, 1954 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 2,953,000 Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. 993

## EMPLOYEES

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

## FORMATION RECORD

| FROM—       | TO—         | TOTAL FEET  | FORMATION                                                                                         |
|-------------|-------------|-------------|---------------------------------------------------------------------------------------------------|
| <u>0</u>    | <u>701</u>  | <u>701</u>  | <u>Tan cr-grn ss w/thin sh breaks.</u>                                                            |
| <u>701</u>  | <u>1425</u> | <u>724</u>  | <u>Variegated sh w/thin ss breaks.</u>                                                            |
| <u>1425</u> | <u>2535</u> | <u>1110</u> | <u>Tan to gry cr-grn ss interbedded w/gry sh.</u>                                                 |
| <u>2535</u> | <u>2616</u> | <u>81</u>   | <u>Ojo Alamo ss. White cr-grn s. Top 2535'.</u>                                                   |
| <u>2616</u> | <u>2893</u> | <u>277</u>  | <u>Kirtland Form. Gry sh interbedded w/tight gry fine-grn ss. Tops 2616'.</u>                     |
| <u>2893</u> | <u>3079</u> | <u>186</u>  | <u>Fruitlant form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss. Top 2893'.</u> |
| <u>3079</u> | <u>3145</u> | <u>66</u>   | <u>Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss. Top 3079'.</u>                |

