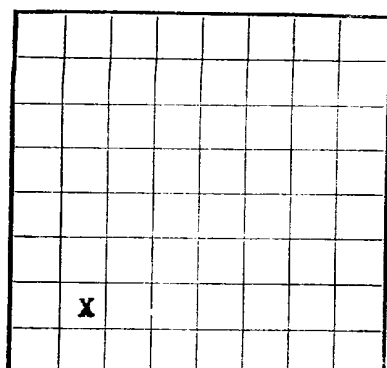


U. S. LAND OFFICE Santa Fe  
SERIAL NUMBER 078390  
LEASE OR PERMIT TO PROSPECT .....

LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

CORRECTED COPY

## LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico  
Lessor or Tract Jones Field Blanco State New Mexico  
Well No. 2-A Sec. 11 T. 28N R. 8W Meridian NMPM County San Juan  
Location 1150 ft. N. of S. Line and 890 ft. E. of W. Line of Section 11 Elevation 5929'  
(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 D. L. BlumDate April 7, 1955 Title Petroleum Engineer

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

Commenced drilling February 23, 19 55. Finished drilling March 9, 19 55.

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2448 to 2537 (G) No. 4, from 4643 to 4793 (G)  
No. 2, from 4063 to 4200 (G) No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from 4200 to 4643 (G) 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#           | 8                | Arco          | 161'   | Howe         |                     |            |    | Surface    |
| 7           | 16.8#           | 8                | Arco          | 161'   | Howe         |                     |            |    | Production |
| 2 3/8       | 4.7             | 8                | RD Youngstown | 4787'  |              |                     |            |    | Prod. Log. |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used  | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|--------------|-------------|--------------------|
| 9 5/8       | 171'      | 125                    | Circulated   |             |                    |
| 7           | 3999      | 500                    | Single Stage | Top cement  | 1615'              |

## 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 |
|------|------------|-------------------|----------|------|------------|-------------------|
|      |            | See Well History. |          |      |            |                   |

## TOOLS USED

Rotary tools were used from 0 feet to 3999 feet, and from 3999 feet to 4825 feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

March 11, 19 55 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 5,906,000 Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_Rock pressure, lbs. per sq. in. 1081

## EMPLOYEES

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

## FORMATION RECORD

| FROM— | TO—       | TOTAL FEET | FORMATION                                                                       |
|-------|-----------|------------|---------------------------------------------------------------------------------|
| 0     | 1110      | 1110       | Tan cr-grn ss w/thin sh breaks.                                                 |
| 1110  | 1270      | 160        | Variegated sh w/thin ss breaks.                                                 |
| 1270  | 1508      | 238        | Tan to gry cr-grn ss interbedded w/gry sh.                                      |
| 1508  | 1610      | 102        | Ojo Alamo ss. White cr-grn ss.                                                  |
| 1610  | 2168      | 558        | Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss.                 |
| 2168  | 2448      | 280        | Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss. |
| 2448  | 2537      | 89         | Pictured Cliffs form. Gry, fine-grn tight, varicolored soft ss.                 |
| 2537  | 4063      | 1526       | Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.              |
| 4063  | 4200      | 137        | Cliff House ss. Gry, fine-grn, dense sil ss.                                    |
| 4200  | 4643      | 443        | Manefee form. Gry, fine-grn s, carb sh and coal                                 |
| 4643  | 4793      | 150        | Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.                 |
| 4793  | 4799 T.D. | 4          | Mancoas formation. Gry carb sh.                                                 |
|       | 4825      | 32         |                                                                                 |

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of drilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "disconnected" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling.

## HISTORY OF OIL OR GAS WELL

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| FROM- | TO- | TOTAL FEET | FORMATION                                 |
|-------|-----|------------|-------------------------------------------|
|       |     |            | FORMATION RECORD                          |
|       |     |            | IMPROVEMENTS                              |
|       |     |            | GALES GASOLINE PER 1000 CUBIC FEET OF GAS |
|       |     |            | CLARITY (PER 1000 CUBIC FEET OF GAS)      |
|       |     |            | PUT TO PRODUCTION                         |
|       |     |            | DATES                                     |
|       |     |            | TOOLS USED                                |
|       |     |            | SHOOTING RECORD                           |
|       |     |            | TEST 1 AND 2                              |