



U. S. LAND OFFICE Jicarilla-Apache  
SERIAL NUMBER Cont. No 64  
LEASE OR PERMIT TO PROSPECT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

# LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico  
Lessor or Tract Jicarilla Field So. Blanco P. C. State New Mexico  
Well No. 16 - E Sec. 17 T. 25N R. 4 W Meridian N.M.P.M. County Rio Arriba  
Location 1800 ft. NSX of N Line and 1795 ft. EX of E Line of Sec. 17 Elevation 7459  
(Deriv. 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.

Original Signed D. W. Meehan  
Signed \_\_\_\_\_  
Date August 5, 1950 Title Petroleum Engineer

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

Commenced drilling 6-15- 19 60 Finished drilling 6-20- 19 60

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3825 to 3897 (a) 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

[illegible]

### MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used                | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|----------------------------|-------------|--------------------|
| 9 5/8"      | 123       | 110                    | circulated<br>single stage |             |                    |
| 2 7/8"      | 3940      | 60                     |                            |             |                    |
|             |           |                        |                            |             |                    |
|             |           |                        |                            |             |                    |
|             |           |                        |                            |             |                    |

## 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 3946 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

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

## DATES

~~6-28-60~~ \_\_\_\_\_, 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 1,679,000 Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. 980 A.O.P. - 1732 MP/D

**EMPLOYEES**

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

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                                                                        |
|-------|------|------------|----------------------------------------------------------------------------------|
| 0     | 3112 | 3112       | Tan to gry cr-grn ss interbedded w/gry sh.                                       |
| 3112  | 3203 | 91         | Ojo Alamo ss. White cr-grn s.                                                    |
| 3203  | 3542 | 339        | Kirtland form gry sh interbedded w/tight gry fine-grn ss.                        |
| 3542  | 3825 | 283        | Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss. |
| 3825  | 3897 | 72         | Pictured Cliffs form Gry, fine-grn, tight, varicolored soft ss.                  |
| 3897  | 3946 | 49         | Lewis formation. Gry, fine-grn, dense sil ss                                     |

[OVER]  
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