

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079364
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 Rincon Unit Field So. Blanco P.C. State New Mexico
 Well No. 153 Sec. 29 T27N R. 6W Meridian N.M.P.M. County Rio Arriba
 Location 1180 ft. N of S Line and 800 ft. E of W Line of Section 29 Elevation 5719
(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 December 15, 1961 Title Petroleum Engineer

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

Commenced drilling 10-4, 19 61 Finished drilling 10-9, 19 61

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3138 to 3208 (6) 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. 2, from _____ to _____

No. 3, 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 |
|-------------|-----------|------------------------|---------------------------------------|-------------|--------------------|
| 8 5/8" | 125 | 140 | circulated | | |
| 2 7/8" | 334 | 150 | circulated single stage | | |

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 |
|-------------------------------|------------|--|---|------|-------------------------|-------------------|
| 3188-96; 3218-20; 3230-38; | | Frac P.C. W/ max pr 4000# Flush 900 gal. | 33,200 gal water, 25,000# sand. avg tr pr 3200-3500-3000#. Dropped 2 sets of 16 balls each. | | BDP 3050# IR 19 BFW. | |

11. DROPPED TOOLS USED

Rotary tools were used from 0 feet to 3353 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

~~S.I. 10-27-~~, 19~~51~~ 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 1,348,000 Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. -----

963 EMPLOYEES A.O.F. 1375 MCF/D

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

| FROM-- | TO-- | TOTAL FEET | FORMATION |
|--------|------|------------|--|
| 0 | 2559 | 2559 | Tan to gry cr-grn ss interbedded w/ gr sh. |
| 2559 | 2634 | 75 | Ojo Alamo ss. White cr-grn s. |
| 2634 | 2964 | 330 | Kirtland form. Gry sh interbedded w/tight gry fine-grn ss. |
| 2964 | 3188 | 224 | Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss. |
| 3188 | 3288 | 100 | Pictured Cliffs forms. Gry, fine-grn, tight, varicolored soft ss. |
| 3288 | 3353 | 65 | Lewis form. Gry, fine-grn, dense sil ss. |

(OVER)

FORMATION RECORD—Continued

[illegible]

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, 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 "sidetracked" 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 bailing.

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