



LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078565-A
LEASE OR PERMIT TO PROSPECT _____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 Tracts San Juan 28-7 Unit Field No. Blanco P.O. Ext State New Mexico
Well No. 83 Sec. 5 T. 27N R. 7W Meridian N.M.P.M. County Rio Arriba
Location 1501 ft. (N) of (S) Line and 511 ft. (E) of (W) Line of Sec. 5 Elevation 6732'
(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. C. JohnstonDate February 13, 1958Title Petroleum Engineer

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

Commenced drilling 1-16, 19 58 Finished drilling 1-24, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3304 to 3399 (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>8 5/8"</u> | <u>24</u> | <u>8 Rd.</u> | <u>J-55</u> | <u>110'</u> | <u>Howoe</u> | | | | <u>Surface</u> |
| <u>5 1/2"</u> | <u>15.5</u> | <u>8 Rd.</u> | <u>J-55</u> | <u>3005'</u> | <u>Baker</u> | | | | <u>Prod. cas.</u> |
| <u>1 1/2"</u> | <u>2.4</u> | <u>8 Rd. Grade 40</u> | <u>44</u> | <u>3337'</u> | | | | | <u>Siphon</u> |

MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|---------------|--------------|------------------------|---------------------|-------------|--------------------|
| <u>8 5/8"</u> | <u>120'</u> | <u>100</u> | <u>circulated</u> | | |
| <u>5 1/2"</u> | <u>3416'</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 3421 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ 19 58 Put to producing _____, 19 _____
1-26

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 1,226,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1006 A.O.P. 1238 MCF/D

EMPLOYEES

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

FORMATION RECORD

| FROM— | TO— | TOTAL FEET | FORMATION |
|-------------|-------------|-------------|---|
| <u>0</u> | <u>2446</u> | <u>2446</u> | <u>Tan to gry cr-grn ss interbedded w/gry sh.</u> |
| <u>2446</u> | <u>2531</u> | <u>85</u> | <u>Ojo Alamo ss. White cr-grn s.</u> |
| <u>2531</u> | <u>3016</u> | <u>485</u> | <u>Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.</u> |
| <u>3016</u> | <u>3304</u> | <u>288</u> | <u>Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn s</u> |
| <u>3304</u> | <u>3399</u> | <u>95</u> | <u>Pictured Cliffs form. Gry, fine-grn, tight varicolored soft ss.</u> |
| <u>3399</u> | <u>3421</u> | <u>22</u> | <u>Lewis formation. Gry to white dense sh w/s ty to shaly ss breaks.</u> |

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.

1-28-58 T.D. 3410'. C. T.E. 2370'. Water frac. P.D. perf. int. 3306-3340 w/37,340 gal. water & 40,000# sand. BL pr. 3100', Max. pr. 3200', tr. pr. 2500, 2100, 2300'. T.E. 58 B.P.M. Flush 4620 gal. water.

FOOTNOTES ON CORRECTION

LEVEL OF DECISIONS

[illegible]