

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079472
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, N. M.
Lessor or Tract San Juan 28-5 Unit Field Main Dakota State New Mexico
Well No. 59 Sec. 30 T. 28N R. 5W Meridian N.M.P.M. County Rio Arriba
Location 1850 ft. [N] of N. Line and 1450 ft. [E] of E. Line of Section 30 Elevation 6591
(1 barick 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 ORIGINAL SIGNED M.E. MCNALLY

Date January 15, 1963 Title Petroleum Engineer

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

Commenced drilling 10-10-, 19 62 Finished drilling 10-30-, 19 62

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 7575 to 7710 (G) No. 4, from _____ to _____
No. 2, from 7710 to 7845 (G) 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—	
9 5/8"	40	8 rd	3-55	286	Howes				Surface
5 1/2"	11.6, 10.5	8 rd	3-55	7870	Baker				Prod casing
2 3/8"	6.4	8 rd	3-55	7543					Prod tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	396	225	circulated		
5 1/2"	7880	652	3 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
Perf 7790-96; 7762-68; 7740-46 (2 SHF); 7602-14; 7698-7710 (1 SHF); Frac w/72,000 gallons water 75,000# sand. Flush w/5290 gallons water. IR 33 BPM. Max pr 4000#, BOP 900#, tr pr 2900-4000#. 3 drops of 12 balls.						

TOOLS USED

Rotary tools were used from 0 feet to 7880 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

11-28, 19 62 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 5,824,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 2698 lbs. A.O.F. 6617 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2660	2660	
2660	2830	170	Ojo Alamo
2830	3112	282	Kirtland
3112	3410	298	Fruitland
3410	3480	70	Pictured Cliffs
3480	5082	1602	Lewis
5082	5230	148	Cliff House
5230	5572	342	Manatee
5572	5820	248	Point Lookout
5820	6660	840	Manco
6660	7510	850	Hallup
7510	7575	65	Greenhorn
7575	7710	135	Graneros
7710	7880	170	Dakota

A blank sheet of white paper with a light gray grid pattern. The grid consists of small squares, typical of graph paper used for mathematics or science. There are no markings, text, or drawings on the page.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NO OIL OR GAS SANDS OR TOWERS

CHILD NUTRITION CATEGORY

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 "shattered" 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.

HISTORY OF OIL OR GAS WELL

SLURRY AND CEMENTING RECORD

5-279-6A 02A POLY 5

SHOOTING RECORD

TOOTS USED

2374 G

EMPLOYERS

FORMATION RECORD

40101-209

THE JURY

- 9 -

— 1949 —

FORMATION

LEE TYLOI

-OL

—WOLF

FORMATION RECORD—Continued