

U. S. LAND OFFICE

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

14-08-001-567

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 997, Farmington, New Mexico
Lessor or Tract San Juan 29-7 Unit Field Blanco State New Mexico
Well No. 29 Sec. 13 T. 29N R. 7W Meridian NMPM County Rio Arriba
Location 1750 ft. [N.] of S Line and 990 ft. [E.] of W Line of Section 13 Elevation 6267'
(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 November 11, 1954 Title Petroleum Engineer

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

Commenced drilling September 13, 1954 Finished drilling October 2, 1954

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

No. 1, from 3106	to 3108 (G)	No. 4, from 5297	to 5417 (G)
No. 2, from 4791	to 4945 (G)	No. 5, from	to
No. 3, from 4945	to 5287 (G)	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

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
4 5/8	20 1/2	8	Amroc	157.94	Amroc				Surface
7 1/2	28	8	Amroc	4.80	Amroc				Surface
These shoes were used in the well for the purpose of testing the strength of the casing and the cement. The shoes were used in the well for the purpose of testing the strength of the casing and the cement. The shoes were used in the well for the purpose of testing the strength of the casing and the cement.									
HISTORY OF USE OF CAS MATT									
2	4.7	8	Youngstown	5371.73					Prod. Flg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	160	125	Circulated		
7	4790	300	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
	See Well History					

TOOLS USED

Rotary tools were used from 0 feet to 4795 feet, and from 4795 feet to 5417 feet
Cable tools were used from 0 feet to 4795 feet, and from 4795 feet to 5417 feet

DATES

October 4, 1954 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 ----- 3,579,000 Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. ----- 1030

EMPLOYEES

_____, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	398	398	Tan cr-grn ss w/thin sh breaks.
398	1320	922	Variegated sh w/thin ss breaks.
1320	2200	880	Tan to grv cr-grn ss interbedded w/gry sh.
2200	2338	138	Ojo formation. Tan to grv cr-grn ss.
2338	2845	507	Kirtland formation. Tan to grv cr-grn ss w/thin sh interbedded w/tight gry fine-grn ss.
2845	3106	261	Fruitland formation. Gry carb sh, scattered coals and gry, tight fine-grn ss.
3106	3168	62	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss.
3168	4791	1623	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4791	4945	154	Cliff House. Gry, fine-grn, dense sil ss.
4945	5287	342	Mencio formation. Gry, fine-grn s, carb sh and coal.
5287	5417 T.D.	130	Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks.
			Mancos formation. Gry carb sh.

-OVER-

16-43094-3

CONVULSION RECORD—Continued

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.

3-20-54 E.D. 4950, Interval treated 4790-4950.
sand-oil fractured cliff House with 16,765 gallons
maximum pressure 1200%, Injection rate 294 gallons per minute. Natural Gas 106
MCF. Gage 20 hours after 750 MCF.
3-20-54 E.D. 5417, Interval treated 5292 - 5417.
sand oil fractured Point Lookout with 15,390 gallons
BPP 1400%, maximum pressure 1400%, Injection rate 8.2 barrels per minute.
Natural Gas 84 MCF, Gage after 5 hours 2700 MCF.

and all fractured points located with 15,380 gallons of and 9,700# sand. BDP 1700#, maximum pressure 1400#, injection rate 0.2 barrels per minute. Natural gas 84 MCF, Gage after 5 hours 2700 MCF.

NEW B&B NO TO COM

YEVNUE, DIOC KED

STATEMENT OF THE INTERIOR

STATE OF OHIO