

U S LAND OFFICE **New Mexico**

SERIAL NUMBER 03863

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 Co. Address Box 997, Farmington, New Mexico
 Lessor or Tract San Juan 28-4 Unit Field Blanco State New Mexico
 Well No. 15-29 Sec. 29 T. 28N R. 4W Meridian N.M.P.M. County Rio Arriba
 Location 990 ft. [N.] of S Line and 990 ft. [E.] of W Line of Section 29 Elevation 7245

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. C. Johnson

Date **September 2, 1958** Signed _____ Title **Petroleum Engineer**

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

Commenced drilling 6-17 19 58 Finished drilling 7-3 19 58

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4196 to 4288 (G) No. 4, from 6332 to 6511 (G)
 No. 2, from 5972 to 6029 (G) No. 5, from _____ to _____
 No. 3, from 6029 to 6332 (G) 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—	
10 3/4	32.75	P. E.	S.W.	162'	Howco				Surface
8 1/2	26.1	S. Ra.	J-55	4300'	Rebar				Intermediate
5 1/2	14.7	S. Ra.	J-55	3200'	Rebar				Prod. Liner
REMARKS: 1) UPPER 20' HATCHES WERE BROKE IN 1972 FOR REPAIRS. 2) KIND OF MATERIAL USED IN HATCHES AND BOSSHOOT AND LENGTH OF HATCHES OR BOSSHOOT. 3) TYPE OF CEMENT OR PORTLAND CEMENT. 4) TYPE OF CEMENT OR PORTLAND CEMENT. 5) TYPE OF CEMENT OR PORTLAND CEMENT. 6) TYPE OF CEMENT OR PORTLAND CEMENT. 7) TYPE OF CEMENT OR PORTLAND CEMENT. 8) TYPE OF CEMENT OR PORTLAND CEMENT. 9) TYPE OF CEMENT OR PORTLAND CEMENT. 10) TYPE OF CEMENT OR PORTLAND CEMENT.									
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HISTOLOGY OF OIL OR GAS WELL									
2"	4.7	S. Ra.	J-55	6503					Prod. Tub.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	175	200	Circulated		
7 5/8	4380	200	Single Stage		
5 1/2	4307-6546	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

Gas Drilled

Rotary tools were used from 0 feet to 4382 feet, and from 4382 feet to 6553 feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

7-9	19 58	Put to producing	19
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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 3,392,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. ----- 1129 ----- A.O.F. = 5024 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3613	3613	Tan to gry cr-grn ss interbedded w/gry sh.
3613	3735	122	Ojo Alamo ss. White cr-grn s.
3735	4012	277	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
4012	4196	184	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
4196	4288	92	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
4288	5972	1684	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5972	6029	57	Cliff House ss. Gry, fine-grn dense sil ss.
6029	6332	303	Manefee form. Gry, fine-grn s, carb sh & coal.
6332	6511	179	Point Lookout ofmr. Gry, very fine sil ss w/frequent sh breaks.
6511	6553	42	Mancos formation. Gry carb sh.

[OVER]

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FORMYLION RECORDED-Continued