

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078414
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 997 Farmington, New Mexico
 Lessor or Tract Day Field Blanco State New Mexico
 Well No. 5-A Sec. 18 T. 29N R. 8W Meridian N. M. P. M. County San Juan
 Location 990 ft. NXX of N Line and 990 ft. WXX of E Line of Section 18 Elevation 6436
 (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.

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3072 to 3115 (G) No. 4, from 5291 to 5415 (G)
 No. 2, from 4730 to 4900 (G) No. 5, from _____ to _____
 No. 3, from 4900 to 5291 (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—	
9 5/8	25.4	8	S. W.	161	BAKER				Surface
7 1/2	23	8	Spang	4618	BAKER				Prod. Csg.
2 1/2	4.7	8	Youngst.	5381					Prod. Tlg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	172	125	Circulated		
7	4628	300	Sing. Stage		

PLUGS AND ADAPTERS

PILES 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
Quart	Regular	S. N. G.	1545	1-27-53	4682-5452	5452

TOOLS USED

TOOLS USED

Rotary tools were used from 0 feet to 4628 feet, and from 4628 feet to 5452 feet Gas Drilling

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

DATES

----- January 28 -----, 19-- 53 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 ----- 4,830,000 Gallons gasoline per 1,000 cu. ft. of gas
 Rock pressure, lbs. per sq. in. ----- 1081

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	390	390	Tan cr-grn ss w/thin sh breaks.
390	1140	750	Variegated sh w/thin ss breaks.
1140	1655	515	Tan to gry cr-grn ss interbedded w/gry sh.
1655	1760	105	Ojo Alamo ss. Wh cr-grn s. Top Ojo Alamo 1655.
1760	2692	932	Kirtland formation. Gry.sh interbedded w/tight gry fine-grn ss. Top Kirtland 1760.
2692	3072	380	Fruitland formation. Gry carb sh, scattered coals and gry, tight, fine-grn ss. Top Fruitland 2692.
3072	3115	43	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 3072.
3115	4730	1615	Lewis formation. Gry to sh dense sh w/silty to shaly ss breaks. Top Lewis 3115.
4730	4900	170	Cliff House ss. Gry, fine-grn, dense sil ss. Top of Cliff House 4730.
4900	5291	391	Menefee formation. Gry, fine-grn s, carb sh and coal. Top Menefee 4900.
5291	5415	124	Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks. Top Point Lookout 5291.
5415	5462 T.D.	47	Mancos formation. Gry carb sh. Top Mancos 5415.