

U. S. LAND OFFICE Santa FeSERIAL NUMBER 078051

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
NOV 24 1953
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 997 Farmington, New Mexico
Lessor or Tract Neil Field Blanco State New Mexico
Well No. 2 Sec. 15 T. 31N R. 11W Meridian N.M.P.M. County San Juan
Location 1550 ft. S. of N. Line and 990 ft. W. of N. Line of Section 15 Elevation 6114
(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 J. K. HulmanDate November 19, 1953Title Petroleum Engineer

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

Commenced drilling 9-16-53, 19 Finished drilling 9-30-53, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2782 to 2870 (G) No. 4, from 4990 to 5130 (G)
No. 2, from 4348 to 4562 (G) No. 5, from _____ to _____
No. 3, from 4562 to 4990 (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	36#	8 rd	Spring	160	Howco				Surface
7	23#	8 rd	Spring	200	Howco				Prod. log.
7	20#	8 rd	Spring	200	Howco				Prod. log.
2	4.7	8 rd	Youngst.	5095					Prod. log.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	171	125	Circulated		
7	4327	500	Sing. 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
quart	Regular	S.N.G.	1883	10-1-53	4378-5130	5130

TOOLS USED

Rotary tools were used from 0 feet to 4327 feet, and from 4327 feet to 5130 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 2,930,0001027

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	746	746	Tan cr-grn ss w/thin sh breaks. Variegated sh w/thin ss breaks. Tan to gry cr-grn ss interbedded w/gry sh. Ojo Alamo ss. White cr-grn s. Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Fruitland formation. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss. Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss.
746	1190	444	
1190	1715	525	
1715	1805	90	
1805	2359	554	
2359	2782	423	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks. Cliff House ss. Gry, fine-grn, dense sil ss. Menefee formation. Gry, fine-grn s, carb sh and coal. Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks. Blanco formation. Gry carb sh.
2782	2870	88	
2870	4348	1478	
4348	4562	214	
4562	4990	428	
4990	5130	140	Ojo Alamo 1715 Cliff House 4348 Kirtland 1805 Menefee 4562 Fruitland 2359 Pt.Lkout 4990 Pict.Cliffs 2782 Lewis 2870

