

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **080133**LEASE OR PERMIT TO PROSPECT
14-08-001-569UNITED 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 32-9 Unit Field Blanco State New Mexico
Well No. 46 Sec. 4 T. 31N R. 9W Meridian 104W County San Juan
Location 1500 ft. N of S Line and 1500 ft. E of E Line of Section 4 Elevation 6620'
(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 _____

ORIGINAL SIGNED F. W. BOYD

Date December 7, 1956 Title Petroleum Engineer

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

Commenced drilling 11-9-56, 19____ Finished drilling 11-21-56, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3460 to 3730 (G) No. 4, from 5737 to 5869 (G)
No. 2, from 5388 to 5455 (G) No. 5, from _____
No. 3, from 5455 to 5737 (G) No. 6, from _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____
No. 2, from _____ to _____ No. 4, from _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of splice	Cut and pulled from	Perforated	Purpose
10 3/4	32.75	P.E.	S.W.	161'	Howco			Surface
7 5/8	26.4	8 RD	3-55	3770'	Howco			Intermediate
5 1/2	15.5	8 RD	3-55	5941'	Howco			Prod. Log.
2"	4.7	8 RD	3-55	9911'	Howco			Prod. Log.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	172'	125	Circulated		
7 5/8	3782'	300	Single Stage		
5 1/2	5981'	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 3782 feet, and from 3782 feet to 5985 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

11-26-56, 19____ 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 3,702,000 A.O.P. 6201 MCF/D Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1040

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Undeveloped	3100	3100	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3100	3460	360	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3460	3730	270	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3730	5388	1658	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5388	5455	67	Cliff House ss. Gry, fine-grn, dense sil ss.
5455	5737	282	Mansfield form. Gry, fine-grn s, carb sh & coal.
5737	5869	132	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5869	5985	116	Mancos formation. Gry carb sh.

