

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078138
LEASE OR PERMIT TO PROSPECTUNITED 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 Morris Field Artec Pool State New Mexico
Well No. 2-A Sec. 29 T. 30N R. 11W Meridian N. M. P. M. County San Juan
Location 990 ft. S. of N. Line and 1650 ft. E. of W. Line of Section 29 Elevation 5773
(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. F. TaddellDate May 21, 1953 Title Petroleum Engineer.

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

Commenced drilling April 16, 19 53 Finished drilling May 1, 19 53

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2056 to 2111 (G) No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ 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 V.	ARCO	121'	ARCO				Surface
5 1/2	15.6	8 RD	ARCO	2059'	ARCO				Prod. Log.
1"	1.68	8 RD	Std. Hk	2056					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	131'	100	Circulated		
5 1/2	2059'	150	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
Quart	Regular	S.N.G.	125	5-2-53	2061-2111	2111'

TOOLS USED

Rotary tools were used from 0 feet to 2059 feet, and from _____ feet to _____ feetCable tools were used from 2059 feet to 2111' feet, and from _____ feet to _____ feet

DATES

_____ May 4, 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 537,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 614

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	307	307	Tan cr-grn ss w/thin sh breaks.
307	515	208	Variegated sh w/thin ss breaks.
515	635	120	Tan to gry cr-grn ss interbedded w/gry sh.
635	738	103	Ojo Alamo ss. Wh cr-grn s. Top Ojo Alamo 635.
738	1755	1017	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Top Kirtland 738.
1755	2056	301	Fruitland formation. Gry carb sh, scattered coals and gry, tight, fine-grn ss. Top Fruitland 1755.
2056	2111	55	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 2056.

FORMATION RECORD—Continued