

New Mexico

U. S. LAND OFFICE

SERIAL NUMBER

02758

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 Murphy Field Aztec P.C. State New Mexico
Well No. 1-D Sec. 27 T. 30N R. 11W Meridian NMPM County San Juan
Location 955 ft. (N) of 8 Line and 1650 ft. (E) of 2 Line of Section 27 Elevation 5273'
(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

Title Petroleum EngineerDate April 13, 1955

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

Commenced drilling March 17, 1955 Finished drilling March 30, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2332 to 2380 T.D. (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	P.E.	S.W.	121'	Howe				Surface
5 1/2"	15.50	8 RD	Y-55	2332'	Baker				Prod. Casing
1"	1.68	LORD	Std. 40	2332'					Prod. Tag.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	133'	100	Circulated		
5 1/2"	2332'	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
		See Well History				

TOOLS USED

Rotary tools were used from 0 feet to 2338 feet, and from _____ feet to _____ feet
Cable tools were used from 2338 feet to 2380 feet, and from _____ feet to _____ feet

DATES

March 31, 1955 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 1,429,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 639

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	365	365	Tan cr-grn ss w/thin sh breaks.
365	445	80	Variegated sh w/thin ss breaks.
445	945	500	Tan to gry cr-grn ss interbedded w/gry sh.
945	1107	162	Ojo Alamo ss. White cr-grn s.
1107	1973	864	Kirtland form. G y sh interbedded w/tight, gry fine-grn ss.
1973	2332	359	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2332	2380 T.D.	48	Pictured Cliffs form. Gry, fine-grn, tight varicolored soft ss.

