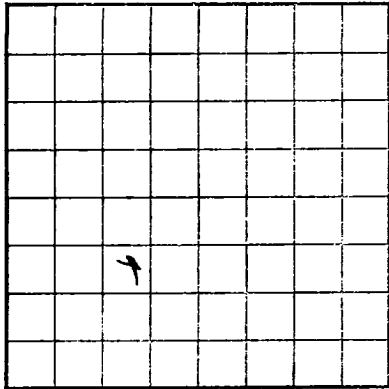


U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **080469**
LEASE OR PERMIT TO PROSPECT _____



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 Pool State New Mexico
Well No. 1-A Sec. 2 T. 29N R. 11W Meridian N. M. P. M. County San Juan
Location 1650 ft. (N.) of S. Line and 290 ft. (E.) of W. Line of Section 2 Elevation 5692'
(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 G. F. Talleck Title Petroleum Engineer
Date September 23, 1953

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

Commenced drilling May 20, 1953 Finished drilling August 5, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1985 to 2051 (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	S. W.	Armco	133'	Baker				Surface
5-1/2"	15.5	8	Foreign	1977'	Howco				Prod. Csg.
1"	1.68	0	Std. Black	2035'					Prod. Tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	140'	125	Circulated		
5-1/2"	1987'	150	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.	111	3-5	1991-2051	2051

TOOLS USED

Rotary tools were used from 0 feet to 1987 feet, and from _____ feet to _____ feet
Cable tools were used from 1987 feet to 2051 feet, and from _____ feet to _____ feet

DATES

August 6, 1953 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 1,380 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 643

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	337	337	Tan cr-grn ss w/thin sh breaks.
337	490	153	Variegated sh w/thin ss breaks.
490	700	210	Tan to gry cr-grn ss interbedded w/gry sh.
700	812	112	Ojo Alamo ss. Wh cr-grn s. Top Ojo Alamo 700.
812	1680	868	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Top Kirtland 812.
1680	1985	305	Fruitland formation. Gry carb sh, scattered coals and gry, tight, fine-grn ss. Top Fruitland 1680.
1985	2051	66	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 1985.

FORMATION RECORD—Continued

[illegible]

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked," or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE