

[illegible]

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **070873**
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 Canyon Largo Unit Field Wildcat State New Mexico
 Well No. 70 Sec. 31 T. 25N R. 6W Meridian N.M.P.M. County Rio Arriba
 Location 990 ft. NE of N Line and 990 ft. NE of N Line of Section 31 Elevation 6830

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.

Original Signed C. D. COX

Signed _____

Date April 27, 1959 Title Petroleum Engineer

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

Commenced drilling March 3, 1959 Finished drilling March 6, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2604 to 2675 (a) 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 ftch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8 5/8"	24	8 Rd.	J-55	126'	None				Surface
5 1/2"	17.5	8 Rd.	J-55	250'	None				Prod. casing
1 1/4"	2.4	8 Rd. Grade A	242'						Siphon

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	135'	75	Circulated		
5 1/2"	2707'	70	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 200 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

-----**Apr 11 5**-----, 19**59** 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 484,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. ----- **642** ----- **A.O.F.--486**

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1955	1955	Tan to gry cr-grn ss interbedded w/gry sh.
1955	2085	130	Ojo Alamo ss. White cr-grn s.
2085	2395	310	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2395	2604	209	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2604	2675	71	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2675	2708	33	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.

