

[illegible]

LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079319
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Schwerdtfeger Field So. Elanco P.C. State New Mexico
Well No. 5-A Sec. 8 T. 27N R. 8W Meridian NMPM County San Juan
Location 1750 ft. ~~xxx~~ of N Line and 1500 ft. ~~xxx~~ of E Line of Section 8 Elevation 6761'
(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 Ernest W. Mott
Date October 27, 1955 Title Petroleum Engineer

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

Commenced drilling ----- August 31, 1955 ----- Finished drilling ----- September 29 1955 -----

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2664 to 2902 (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. 2, from _____ to _____

No. 3, 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'	Howco				Surface
7"	20	8 RD	P-55	2975'	Baker				Prod. Csg.
1"	1.68#	10 RD	Std. Blk.	2925'	OK ON OK 3-2 Muff				Prod. Tub.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	132'	100	Circulated		
7"	2385'	150	Single Stage		

PLUGS AND ADAPTERS

Heaving plug—Material ----- Length ----- Depth set -----
Adapters—Material ----- Size -----

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0 feet to 2890 feet, and from _____ feet to _____ feet

Cable tools were used from 2890 feet to 2949 feet, and from _____ feet to _____ feet

DATES

10-1-55, 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 3,848,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. -----812-----

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	370	370	Tan to cr-grn ss w/thin sh breaks.
370	1055	185	Variegated sh w/thin ss breaks.
1055	1668	613	Tan to gry cr-grn ss interbedded w/gry sh.
1668	2076	408	Ojo Alamo ss. White cr-grn s.
2076	2315	239	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2315	2684	569	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2684	2902	18	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2902	2949 T.D.	47	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.

FROM-	TO-	TOTAL FEET	FORMATION
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TOTAL FEET**FORMATION**

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

Sept. 30, 1955. T.D. 2949'. Water fractured Pictured Cliffs, interval treated 2085' - 2949', treated with 15,600 gallons water and 30,000# regular sand. BOP 900 psi, maximum treating pressure 600 psi, Average treating pressure 300 psi. Average injection rate 25.3 BPM. Flush 5200 gallons. Natural gas 60 MCF/D.