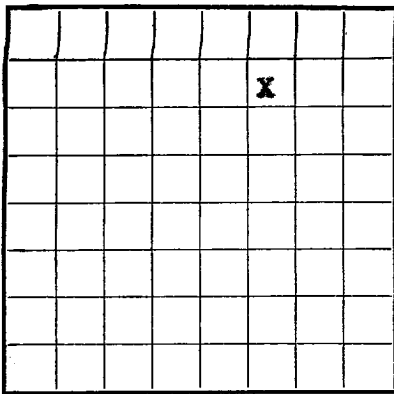




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **078266**
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 **San Jacinto** Field **Astec P. C.** State **New Mexico**
Well No. **4** Sec. **21** T. **29N** R. **10W** Meridian **N.M.P.M.** County **San Juan**
Location **1040** ft. [S.] of **N** Line and **1800** ft. [W.] of **E** Line of **Section 21** Elevation **5627**
(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.
Original Signed **F. H. WOOD**
Signed _____

Date **January 17, 1958** Title **Petroleum Engineer**

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

Commenced drilling **11-9**, 19 **57** Finished drilling **11-30**, 19 **57**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **1931** to **2040 (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 _____
No. 5, from _____ to _____ No. 6, 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—	
8 5/8"	24	8 Rd.	J-55	89'	Howco				Surface
5 1/2"	15.5	8 Rd.	J-55	1970'	Howco				Prod. Log.
1 1/4"	2.4	8 Rd.	Grade "A"	1970'					Prod. Log.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	101'	150	Circulated		
5 1/2"	2057'	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 **110** feet to **2058** feet, and from _____ feet to _____ feet
Cable tools were used from **0** feet to **110** feet, and from _____ feet to _____ feet

DATES

12-18, 19 **57** 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 **3,025,000** Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. **650** A.O.F. = **3739 MCF/D**

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	790	790	Tan to gry cr-grn ss interbedded w/gry sh.
790	928	138	Ojo Alamo ss. White cr-grn s.
928	1660	732	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
1660	1931	271	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
1931	2040	109	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2040	2058	18	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.

