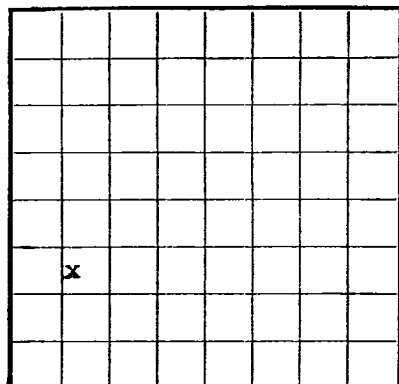


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078097
LEASE OR PERMIT TO PROSPECT _____



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 Heaton Field Blanco State New Mexico
 Well No. 11 Sec. 33 T. 31N R. 11W Meridian N.M.P.M. County San Juan
 Location 1500 ft. N. of S Line and 1140 ft. E. of W Line of Section 33 Elevation 5818
(Draw from 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.

Date May 22, 1957 Signed Original Signed D. C. Johnson
Title Petroleum Engineer

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

Commenced drilling 2-21 19 51 Finished drilling 3-23 19 51

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from 2314	to 2360 (G)	No. 4, from 4601	to 4750 (G)
No. 2, from 3927	to 4112 (G)	No. 5, from	to
No. 3, from 4112	to 4601 (G)	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

Shoe casting	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10-3/4"	32.75	P.E.	S.W.	161'	Howco				surface
7-5/8"	26.4	8 Rd.	J-55	4437'	Baker				Prod. csg.
5-1/2"	15.5	8 Rd.	J-55	121'	Baker				Prod. liner
2"	4.7	8 Rd.	J-55	4713'					Prod. tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	171'	150	circulated		
7-5/8"	4447"	300	two stages (150 sks. each stage)		
5-1/2"	4371-4792	135	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

TOOLS USED

Rotary tools were used from -----175----- feet to -----4447----- feet, and from -----4447----- feet to -----4798----- feet.

Cable tools were used from -----0----- feet to -----175feet, and from ----- feet to ----- feet.

DATES

----- 3-26, 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 4,956,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1010 A.O.F. = 8448 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Indeveloped	1642	1642	Ojo Alamo ss. White cr-grn s.
1642	1953	311	Kirtland form. Gry sh interbedded w, tight gry fine-grn ss.
1953	2314	361	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2314	2360	46	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2360	3927	1567	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
3927	4112	185	Cliff House ss. Gry, fine-grn dense sil ss.
4112	4601	489	Menefee form. Gry, fine-grn s, carb sh & coal.
4601	4750	149	Point Lookout form. Gry, very fine sil ss w, frequent sh breaks.
4750	4798	48	Mancos formation. Gry carb sh.

