



U. S. LAND OFFICE 079404-A
SERIAL NUMBER _____
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES RECEIVED

DEPARTMENT OF THE INTERIOR 57

U.S. GEOLOGICAL SURVEY
FARMINGTON NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
 Lessor or Tract Minecon Unit Field So. Blanco P.C. & ^{Blanco} State New Mexico
 Well No. 97(PM) Sec. 18 T. 27N R. 6W Meridian N.M.P.M. County Rio Arriba
 Location 1650 ft. N of S Line and 990 ft. E of W Line of Sec. 18 Elevation 6637
(Derive feet relative to datum)

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 Original Signed D. C. Johnston

Date **August 5, 1957** Title **Engineer of Petroleum Engineering**

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

Commenced drilling 6-4 19 57 Finished drilling 7-2- 19 57

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3180 to 3272 (G) No. 4, from 5410 to 5586 (G)
 No. 2, from 4000 to 4068 (G) No. 5, from 5600 to 5680 (G)
 No. 3, from 4100 to 4200 (G) No. 6, from 5700 to 5800 (G)

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 shot	Cut and pulled from	Perforated		Purpose
							From	To	
10 3/4"	32.75	P.N.	B.N.	151'	None				Surface
7 1/2"	26.1	P.N.	B.N.	135'	None				Prod. Tag.
5 1/2"	25.3	P.N.	B.N.	135'	None				Prod. Tag.
2"	4.7	8 BL.	Z-55	504'					Prod. Tag.
1 1/4"	2.3	8 BL.	Z-55	300'					Surface

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"	3370	250	Single Stage		
5 1/2"	3295-5651	300	Single Stage		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material Size N. Baker "B&J" Pat. # 3339'

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
			See Wall History			

TOOLS USED

Rotary tools were used from 171 feet to 3370 feet, and from 3370 feet to 5656 feet.

Cable tools were used from 0 feet to 171 feet, and from _____ feet to _____ feet

DATES

7-9, 1957 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 1,245,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1088 A O F - B C 1957

EMPLOYEES

_____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM--	TO--	TOTAL FEET	FORMATION
-0-	2396	2396	Tan to gry cr-grn ss interbedded w/gry sh.
2396	2580	184	Ojo Alamo ss. White cr-grn s.
2580	2908	328	Kirtland form. Gry sh interbedded w/tight gr/ fine-grn ss.
2908	3180	272	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3180	3272	92	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3272	4890	1618	Levis formation. Gry to white dense sh w/silty to shaly ss breaks.
4890	4968	78	Cliff House ss. Gry, fine-grn, dense sil ss.
4968	5410	442	Manafee form. Gry, fine-grn s, carb sh & coal.
5410	5586	176	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5586	5656	70	Mancos formation. Gry carb sh.