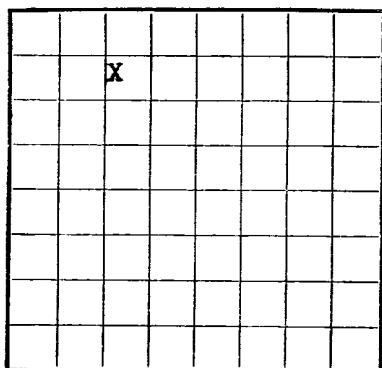


U. S. LAND OFFICE New Mexico
SERIAL NUMBER 03380
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

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 Florance Field So. Blanco P.C. State New Mexico
Well No. 8-D Sec. 20 T. 27N R. 8W Meridian NMPM County San Juan
Location 990 ft. N of N Line and 1800 ft. E of W Line of Section 20 Elevation 6764'
(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 _____

Date October 24, 1956Title Petroleum Engineer

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

Commenced drilling 7-2-56, 19____ Finished drilling 7-6-56, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2618 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. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per foot	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
9 5/8"	25.4	P.E.	S.W.	121'	Howe				Surface
5 1/2"	15.5	8 RD	J-55	2904'	Baker				Prod. log.
2"	4.7	8 RD	J-55	2831'					Prod. log.

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		
5 1/2"	2914'	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 0 feet to 2914 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ 9-27-56, 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 1,589,000 A.C.F. = 1,663 MCF Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 847

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1788	1788	Tan to gry cr-grn ss interbedded w/gry sh.
1788	2068	280	Ojo Alamo ss. white cr-grn s.
2068	2582	514	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2582	2818	236	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2818	2902	84	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2902	2914	12	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

CONFIDENTIAL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and the results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked", or left in the well, give its size and location. If the well has been dynamited, give date, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing. 7-26-56 Part. Pictured cliffs @ 2826-2844 with 6 sp./ft. water fractured with 40,000 gallons water @ 40,000# sand. BHP 3500', minimum pressure 3500', average circulating pressure 1700'. Injection rate 47 BPH. Flush 5000 gallons.

HISTORY OF OIL OR GAS WELL

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

FROM-	TO-	TOTAL FEET	FORMATION
			1. 0-10 feet - Sandstone, medium to coarse grained, brown to tan, with thin layers of shale. 2. 10-20 feet - Sandstone, medium to coarse grained, brown to tan, with thin layers of shale. 3. 20-30 feet - Sandstone, medium to coarse grained, brown to tan, with thin layers of shale. 4. 30-40 feet - Sandstone, medium to coarse grained, brown to tan, with thin layers of shale. 5. 40-50 feet - Sandstone, medium to coarse grained, brown to tan, with thin layers of shale. 6. 50-60 feet - Sandstone, medium to coarse grained, brown to tan, with thin layers of shale. 7. 60-70 feet - Sandstone, medium to coarse grained, brown to tan, with thin layers of shale. 8. 70-80 feet - Sandstone, medium to coarse grained, brown to tan, with thin layers of shale. 9. 80-90 feet - Sandstone, medium to coarse grained, brown to tan, with thin layers of shale. 10. 90-100 feet - Sandstone, medium to coarse grained, brown to tan, with thin layers of shale.

10-11-1941

FORMATION RECORD—Continued