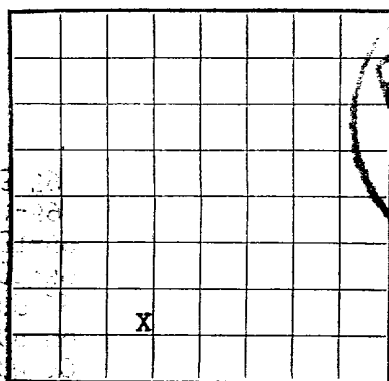


U. S. LAND OFFICE Sante Fe
SERIAL NUMBER 079370
LEASE OR PERMIT TO PROSPECT



MAY 20 1950
OIL CON. DIST. 8

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 Juan 28-4 Unit Field Blanco M. V. & Wildcat Dakota State New Mexico
 Well No. 24 26(MD) 26T 28N 4W Meridian N.M.P.M County Rio Arriba
 Location 920 ft. N of S Line and 1675 ft. E of W Line of Sec. 26 Elevation 7280

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.

records.
Signed: ORIGINAL SIGNED J.J. TILLERSON

Date December 17 1959 Title Petroleum Engineer

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

Commenced drilling 8-17-1959 Finished drilling 8-6-1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ 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 _____

GASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
1 3/8"	48	8 Rd.	J-55	320	Lewis				Surface
9 5/8"	36	8 Rd.	J-55	405	Baker				Intermediate
1 1/2"	26 2/3	8 Rd.	J-55	357	Baker				Prod liner
5"	18	8 Rd.	J-55	300	Baker				Prod liner
7"	23	8 Rd.	J-55	449	Baker		0	1740	Liner

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8"	329	300	circulated		
9 5/8"	4527	1228	Two Stages		
7"	4456-8438	970	Single stage		
5"	8370-8750	50	Single stage		
7"	4451	390	Single stage		

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 4530 feet, and from 4530 feet to 8441 feet. Gas Drilled

Cable tools were used from 0 feet to 8441 feet, and from 8441 feet to 8758 feet. Mud Circulation

DATES

P. & A. 9.11, 19 59 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 P. & A. Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller

_____, Driller

FORMATION RECORD

FROM--	TO--	TOTAL FEET	FORMATION
Undev.	3748	3748	Tan to gry cr-grn ss interbedded w/gry sh.
3748	3945	197	Ojo Alamo ss. White cr-grn s.
3945	4154	209	Kirtland form. Gry sh interbedded w/ tight gry fine-grn ss.
4154	4283	129	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
4283	6024	1741	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
6024	6076	52	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
6076	6380	304	Cliff House ss. Gry, fine-grn, dense sil ss.
6380	6540	160	Menefee form. Gry, fine-grn s, carb sh & coal.
6540	7599	1059	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
7599	8109	510	Mancos formation. Gry carb sh.
8109	8338	229	Gallup formation Lt. gry to brn calc carb micac glauco very fine gry ss w/irreg. interbedded sh.
8338	8394	56	Sanastee form. Drk gry calc h very fine to fine gry ss w/salc veins w/irreg. interbedded drk gry s.
8394	8518	124	Greenhorn form. Highly calc gry sh w/thin lms
8518	8708	190	Graneros form. Drk gry shale, fossil & carb w/white incl.
			Dakota form. Lt to drk gry foss carb sl calc sl silty ss w/purite incl thin sh. bands clay & shale breaks.

