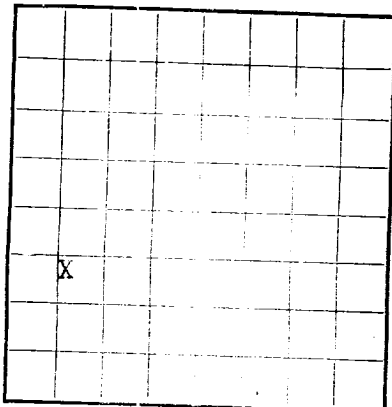




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078200-1
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, N.M.
Lessor or Tract Grombling Field Blanco State New Mexico
Well No. 12 Sec. 12 T30N R10W Meridian 10PM County Santa Juan
Location 12 ft. N. of 3 Line and 1097 ft. E. of 1 Line of 36 12 Elevation 4400
(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 Richard Schuler
Date March 1, 1954 Title Petroleum Engineer

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

Commenced drilling 2-3-53, 19 53 Finished drilling 1-27-54, 19 54

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3929 to 5147 (G) No. 4, from 5335 to 5451 (G)
No. 2, from 4720 to 4905 (G) No. 5, from 5335 to 5451 (G)
No. 3, from 4905 to 5335 (G) No. 6, from 5335 to 5451 (G)

IMPORTANT WATER SANDS

No. 1, from 3929 to 5147 (G) No. 3, from 5335 to 5451 (G)
No. 2, from 4720 to 4905 (G) No. 4, from 5335 to 5451 (G)

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From	To	
2-5/8	25.4	8	Armed	161	Armed				Surface
7	28	8	Baker	1823	Baker				Prod. Gas
7	28	8	Baker	2671	Baker				Prod. Gas
2	4.7	8	Young	5432					Prod. Gas

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
2-5/8	172	25	Circulated		
7	4675	500	Single stage	10.4 CEMENT	2735

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

TOOLS USED

Rotary tools were used from 0 feet to 4675 feet, and from Gas Drilling feet to 5470 feet
Cable tools were used from feet to feet, and from feet to feet

DATES

1-31-54, 19 54 Put to producing March 3 5, 19 54The 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 3,579,000 Gallons gasoline per 1,000 cu. ft. of gas Rock pressure, lbs. per sq. in. 937

EMPLOYEES

 , Driller , Driller
 , Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1069	1069	Tan cr-grn ss w/thin sh breaks.
1069	1909	840	Variegated sh w/thin ss breaks.
1909	2335	426	Tan to gry cr-grn ss interbedded w/gry sh.
2335	2410	63	Ojo Alamo ss. White cr-grn s.
2410	2712	294	Kirtland formation. Gry sh interbedded w/very fine-grn ss.
2712	3096	384	Fruitland formation. Gry carb sh, scattered coals and gry, tight, fine-grn ss.
3096	3147	51	Pictured Cliffs formation. Gry, fine-grn, light, varicolored soft ss.
3147	4720	1573	Lewis formation. Gry ss white dense sh w silty to shaly ss breaks.
4720	4905	185	Cliff House ss. Gry, fine-grn, dense sil ss.
4905	5335	430	Menefee formation. Gry, fine-grn s, carb sh and coal.
5335	5451	116	Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks.
5451	5470	19	Mancos formation. Gry carb sh.
			Top
			Ojo Alamo 2335 Cliff House 4720
			Kirtland 2410 Menefee 4905
			Fruitland 2712 Point Lookout 5335
			Pictured Cliffs 3096 Mancos 3147
			Lewis 3147

