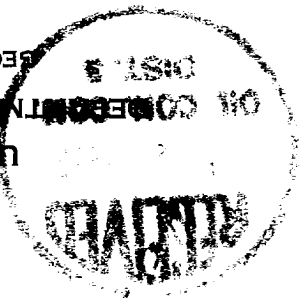


U.S. Land Office
New Mexico
Serial Number
03949
Lease or Permit to Prospect

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 Florence
Well No. 0-0-0 (PM) Sec. 30 T. 20N. R. 04W Meridian N.M.P.M. County San Juan
Location 1120 ft. N. of E. Line and 220 ft. E. of W. Line of Section 30 Elevation 2004
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 November 12, 1951 Title Petroleum Engineer

The summary on this page is for the condition of the well at above date.
Commenced drilling 1-30, 1951 Finished drilling September 2, 1951

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from	2125	to	2222 (G)	No. 4, from	4379	to	4400 (G)
No. 2, from	3771	to	3810 (G)	No. 5, from		to	
No. 3, from	3810	to	4379 (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

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
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10 3/4	32.75	1.5	S.W.	162	None			Surface
1 5/8	26.4	4.84	None	206	None			Prod. Csg.
1 1/2	15.0	4.84	None	206	None			Prod. Csg.
2	4.7	None	None	None	None			Prod. Tubing
1 1/4	2.3	None	None	None	None			Stipon

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	174	200	Circulated		
1 5/8	2307	250	Single stage		
1 1/2	2240-4605	300	Single stage		

PLUGS AND ADAPTERS

Heaving plug—Material
Adapters—Material
Size
Length
Depth set

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
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TOOLS USED

Rotary tools were used from 177 feet to 2310 feet, and from 2310 feet to 4400 feet
Cable tools were used from 0 feet to 177 feet, and from 177 feet to 4400 feet

DATES

The production for the first 24 hours was
% water; and % sediment.
If gas well, cu. ft. per 24 hours
Rock pressure, lbs. per sq. in.
A.C.F. = P.C. 5626 MCF/L
M.V. 10,441

FORMATION RECORD

Driller
Driller

FROM—	TO—	TOTAL FEET	FORMATION
0	1190	1190	Tan to grey cr-grm ss interbedded w/gry sh.
1190	1272	122	Ojo Alamo ss. White cr-grm s.
1272	1913	641	Kirtland Form. Gry sh interbedded w/tight gry f
1913	2126	213	fine-grm ss.
2126	2222	96	Fruitland Form. Gry carb sh, scattered coals,
2222	3770	1556	coals and gry, tight, fine-grm ss.
3770	4379	32	Pictured Cliffs Form. Gry, fine-grm, tight,
4379	4579	200	varicolored soft ss.
4579	4610	31	Lewis Formation. Gry to white dense sh w/silty
			to shaly ss breaks.
			Cliff House ss. Gry, fine-grm, dense sil ss.
			Meneatee Form. Gry, fine-grm s, carb sh & coal.
			Point Lookout Form. Gry, very fine sil ss
			w/frequent sh breaks.
			Manos Formation. Gry carb sh.

FORMATION RECORD—Continued[illegible]

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

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 its 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, size, 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.

9-14-21 C.C.T.D. 4589'. Perf. w/2DJ/ft. Int. 4342-75; 4366-90; 4406-14; 4460-70; 4474-4500; 4514-28; 4548-64; 4572-80. Water frac. F. L. w/21,000 gal. water, 60,000 sand, flush w/8000 gal. water. IR 71.0 BPM. BD 3000; tr. pr. 1000; 1300; 1600; max. pr. 1600. Dropped 20 balls 5 times - 6 stages.

7-14-71 LF @ 4012'. Perf. w/2DS/ft. Int. 2120-02. Water frac. 2, 3. w/47,500 gal. water, 40,000 gal. sand, flush w/5000 gal. water. I. S. 10.0 LPM. ID 2250; tr. 1400; max. pr. 1500.

[illegible]

NO. OF ORN. PL. OR MET.

SECTION 17
OF THE
CONSTITUTION OF THE UNITED STATES
OF AMERICA

1. The first of the following is a fact.
 2. The second is a value judgment.
 3. The third is a fact.
 4. The fourth is a value judgment.
 5. The fifth is a fact.
 6. The sixth is a value judgment.