

[illegible]

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078566
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 Storey Field Blanco State New Mexico
Well No. 1 Sec. 27 T. 28N R. 3W Meridian NMPM County San Juan 6088 (DF)
Location 890 ft. S of N. Line and 1550 ft. W of E. Line of Section 27 Elevation 6088 (GL)
(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 Stroel

Date August 13, 1954

Title Petroleum Engineer

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

Commenced drilling April 2, 19 54 Finished drilling July 15, 19 54

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from 2548 to 2640 (G)	No. 4, from 4634 to 4840 (G)
No. 2, from 4135 to 4302 (G)	No. 5, from _____ to _____
No. 3, from 4302 to 4634 (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
							From	To	
9.5/8	36#	3RD	Spring	308	Howe				Surface
7	29	3RD	Spring	201	Baker				Production
2	4.7	3RD	Youngstown	481					Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	320	300	Circulated		
7	4135	500	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
Sand-Oil, See Remarks						

TOOLS USED

Gas Drilling

Rotary tools were used from 0 feet to 4135 feet, and from 4135 feet to 4840 feet.

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

----- July 18, 1954 ----- 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 2,039,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. ----- 1056 -----

EMPLOYEES

_____, Driller _____, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	630	630	Tan cr-grn ss w/thin sh breaks.
630	1190	560	Variegated sh w/thin ss breaks.
1190	1550	360	Tan to gry cr-grn ss interbedded w/gry sh.
1550	1700	150	Ojo Alamo ss. White cr-grn s.
1700	2282	582	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss.
2282	2548	266	Fruitland formation. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2548	2640	92	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss.
2640	4185	1545	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4185	4302	117	Cliff House ss. Gry, fine-grn, dense sil ss.
4302	4634	332	Menefee formation. Gry, fine-grn s, carb sh and coal.
4634	4840 T.L.	206	Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks.
			<u>Tops</u>
			Ojo Alamo 1550
			Kirtland 1700
			Fruitland 2282
			Pictured Cliff 2548
			Lewis 2640
			Cliff House 4185
			Menefee 4302
			Point Lookout 4634

INFORMATION RECORD—Continued

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

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

Oil of Gas Sands or Noyles

© 2005 Blackwell Publishing Ltd

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of retilling, 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 the test or water, state kind of material used, position, and results of pumping or testing.

HISTORY OF OIL OR GAS WELL

RECORDING AND INDEXING RECORD

[illegible]

PLUGS AND ADAPTERS

[illegible]

SHOOTING RECORD

Size	Stitch used	Stitch used	Quantity	State	Depth and	Depth desired on
1/2"	1/2"	1/2"				
3/4"	3/4"	3/4"				
1"	1"	1"				
1 1/4"	1 1/4"	1 1/4"				
1 1/2"	1 1/2"	1 1/2"				
1 3/4"	1 3/4"	1 3/4"				
2"	2"	2"				
2 1/4"	2 1/4"	2 1/4"				
2 1/2"	2 1/2"	2 1/2"				
2 3/4"	2 3/4"	2 3/4"				
3"	3"	3"				
3 1/4"	3 1/4"	3 1/4"				
3 1/2"	3 1/2"	3 1/2"				
3 3/4"	3 3/4"	3 3/4"				
4"	4"	4"				
4 1/4"	4 1/4"	4 1/4"				
4 1/2"	4 1/2"	4 1/2"				
4 3/4"	4 3/4"	4 3/4"				
5"	5"	5"				
5 1/4"	5 1/4"	5 1/4"				
5 1/2"	5 1/2"	5 1/2"				
5 3/4"	5 3/4"	5 3/4"				
6"	6"	6"				
6 1/4"	6 1/4"	6 1/4"				
6 1/2"	6 1/2"	6 1/2"				
6 3/4"	6 3/4"	6 3/4"				
7"	7"	7"				
7 1/4"	7 1/4"	7 1/4"				
7 1/2"	7 1/2"	7 1/2"				
7 3/4"	7 3/4"	7 3/4"				
8"	8"	8"				
8 1/4"	8 1/4"	8 1/4"				
8 1/2"	8 1/2"	8 1/2"				
8 3/4"	8 3/4"	8 3/4"				
9"	9"	9"				
9 1/4"	9 1/4"	9 1/4"				
9 1/2"	9 1/2"	9 1/2"				
9 3/4"	9 3/4"	9 3/4"				
10"	10"	10"				
10 1/4"	10 1/4"	10 1/4"				
10 1/2"	10 1/2"	10 1/2"				
10 3/4"	10 3/4"	10 3/4"				
11"	11"	11"				
11 1/4"	11 1/4"	11 1/4"				
11 1/2"	11 1/2"	11 1/2"				
11 3/4"	11 3/4"	11 3/4"				
12"	12"	12"				
12 1/4"	12 1/4"	12 1/4"				
12 1/2"	12 1/2"	12 1/2"				
12 3/4"	12 3/4"	12 3/4"				
13"	13"	13"				
13 1/4"	13 1/4"	13 1/4"				
13 1/2"	13 1/2"	13 1/2"				
13 3/4"	13 3/4"	13 3/4"				
14"	14"	14"				
14 1/4"	14 1/4"	14 1/4"				
14 1/2"	14 1/2"	14 1/2"				
14 3/4"	14 3/4"	14 3/4"				
15"	15"	15"				
15 1/4"	15 1/4"	15 1/4"				
15 1/2"	15 1/2"	15 1/2"				
15 3/4"	15 3/4"	15 3/4"				
16"	16"	16"				
16 1/4"	16 1/4"	16 1/4"				
16 1/2"	16 1/2"	16 1/2"				
16 3/4"	16 3/4"	16 3/4"				
17"	17"	17"				
17 1/4"	17 1/4"	17 1/4"				
17 1/2"	17 1/2"	17 1/2"				

GENU 2100T

Rotary tools were used from	feet to	feet and from	feet to
Cable tools were used from	feet to	feet and from	feet to

DATE

It was well cut in per 24 hours	emulsion; water; and sediment.
The production for the first 24 hours was	Put in producing
10	10

03/19/50

[illegible]

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	10	10	CLAY
10	20	10	CLAY
20	30	10	CLAY
30	40	10	CLAY
40	50	10	CLAY
50	60	10	CLAY
60	70	10	CLAY
70	80	10	CLAY
80	90	10	CLAY
90	100	10	CLAY
100	110	10	CLAY
110	120	10	CLAY
120	130	10	CLAY
130	140	10	CLAY
140	150	10	CLAY
150	160	10	CLAY
160	170	10	CLAY
170	180	10	CLAY
180	190	10	CLAY
190	200	10	CLAY
200	210	10	CLAY
210	220	10	CLAY
220	230	10	CLAY
230	240	10	CLAY
240	250	10	CLAY
250	260	10	CLAY
260	270	10	CLAY
270	280	10	CLAY
280	290	10	CLAY
290	300	10	CLAY
300	310	10	CLAY
310	320	10	CLAY
320	330	10	CLAY
330	340	10	CLAY
340	350	10	CLAY
350	360	10	CLAY
360	370	10	CLAY
370	380	10	CLAY
380	390	10	CLAY
390	400	10	CLAY
400	410	10	CLAY
410	420	10	CLAY
420	430	10	CLAY
430	440	10	CLAY
440	450	10	CLAY
450	460	10	CLAY
460	470	10	CLAY
470	480	10	CLAY
480	490	10	CLAY
490	500	10	CLAY
500	510	10	CLAY
510	520	10	CLAY
520	530	10	CLAY
530	540	10	CLAY
540	550	10	CLAY
550	560	10	CLAY
560	570	10	CLAY
570	580	10	CLAY
580	590	10	CLAY
590	600	10	CLAY
600	610	10	CLAY
610	620	10	CLAY
620	630	10	CLAY
630	640	10	CLAY
640	650	10	CLAY
650	660	10	CLAY
660	670	10	CLAY
670	680	10	CLAY
680	690	10	CLAY
690	700	10	CLAY
700	710	10	CLAY
710	720	10	CLAY
720	730	10	CLAY
730	740	10	CLAY
740	750	10	CLAY
750	760	10	CLAY
760	770	10	CLAY
770	780	10	CLAY
780	790	10	CLAY
790	800	10	CLAY
800	810	10	CLAY
810	820	10	CLAY
820	830	10	CLAY
830	840	10	CLAY
840	850	10	CLAY
850	860	10	CLAY
860	870	10	CLAY
870	880	10	CLAY
880	890	10	CLAY
890	900	10	CLAY
900	910	10	CLAY
910	920	10	CLAY
920	930	10	CLAY
930	940	10	CLAY
940	950	10	CLAY
950	960	10	CLAY
960	970	10	CLAY
970	980	10	CLAY
980	990	10	CLAY
990	1000	10	CLAY