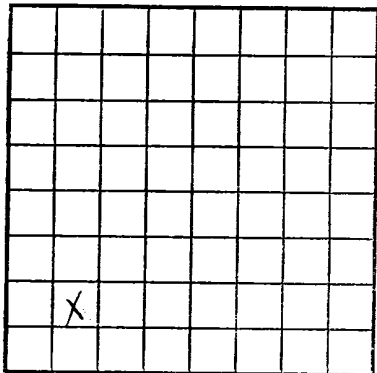


Form 9-389



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 San Juan 27-5 Unit Field Wildcat State New Mexico
Well No. 3 Sec. 17 T 27N R 5W Meridian NMPM County Rio Arriba
Location 990 ft. ^{N.} of S Line and 990 ft. ^{E.} of W Line of Section 17 Elevation 6431
_{S.} _{W.} (Derives 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 G. V. Talbot

Date September 25, 1953 Title Petroleum Engineer

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

Commenced drilling August 2, 19 53 Finished drilling August 20, 19 53

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3199 to 3275 (G) No. 4, from 5348 to 5460 (G)
No. 2, from 4844 to 5026 (G) No. 5, from _____ to _____
No. 3, from 5026 to 5348 (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	25.4	SW	ARMCO	163	ARMCO				Surface
7	23	8rd	Spang	4913.43	Baker				Prod. csg.
7	20	8rd	Spang	2750.60					Prod. csg.
2"	4.7	8rd	Young	3404					Prod. tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	175	125	Circ		
7	4752	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
Quart	Reg	SNG	1515	8-20-53	4844-5474	5474

TOOLS USED

Gas Drilling

Rotary tools were used from 0 feet to 4752 feet, and from 4752 feet to 5474 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

August 24, 19 53 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 1,230,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1027

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	555	555	Tan crs-grn ss w/thin sh breaks
555	1600	1045	Variegated sh w/thin ss breaks
1600	2524	924	Tan-gr crs-grn ss interbedded w/gr sh.
2524	2696	172	Ojo Alamo ss. Wh crs-grn sd. Top Ojo Alamo 2524.
2696	2937	241	Kirtland formation. Gr sh interbedded w/tight gr f-grn ss. Top Kirtland 2696.
2937	3199	262	Fruitland formation. Gr carb sh, scattered coals & gr, tight f-grn ss. Top Fruitland 2937.
3199	3275	76	Pictured Cliffs formation. Gr, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 3199.
3275	4844	1569	Lewis formation. Gr-wh dense sh w/slty-shly ss breaks. Top Lewis 3275.
4844	5026	182	Cliff House ss. Gr, f-grn, dense sil ss. Top Cliff House 4844.
5026	5348	322	Menefee formation. Gr, -fine-grn sd, carb sh & coal. Top Menefee 5026.
5348	5460	112	Point Lookout formation. Gr, v f sil ss w/ frequent sh breaks. Top Point Lookout 5348.
5460	5474	14	Mancos formation. Gr carb sh. Top Mancos 5460.

(OVER)

16-43094-2

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
100	105	5	...
105	110	5	...
110	115	5	...
115	120	5	...
120	125	5	...
125	130	5	...
130	135	5	...
135	140	5	...
140	145	5	...
145	150	5	...
150	155	5	...
155	160	5	...
160	165	5	...
165	170	5	...
170	175	5	...
175	180	5	...
180	185	5	...
185	190	5	...
190	195	5	...
195	200	5	...

FROM—	TO—	TOTAL FEET	FORMATION
200	205	5	...
205	210	5	...
210	215	5	...
215	220	5	...
220	225	5	...
225	230	5	...
230	235	5	...
235	240	5	...
240	245	5	...
245	250	5	...
250	255	5	...
255	260	5	...
260	265	5	...
265	270	5	...
270	275	5	...
275	280	5	...
280	285	5	...
285	290	5	...
290	295	5	...
295	300	5	...

HISTORY OF OIL OR GAS WELL

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.

DATE	FROM—	TO—	TOTAL FEET	FORMATION
1900	100	105	5	...
1901	105	110	5	...
1902	110	115	5	...
1903	115	120	5	...
1904	120	125	5	...
1905	125	130	5	...
1906	130	135	5	...
1907	135	140	5	...
1908	140	145	5	...
1909	145	150	5	...
1910	150	155	5	...
1911	155	160	5	...
1912	160	165	5	...
1913	165	170	5	...
1914	170	175	5	...
1915	175	180	5	...
1916	180	185	5	...
1917	185	190	5	...
1918	190	195	5	...
1919	195	200	5	...
1920	200	205	5	...
1921	205	210	5	...
1922	210	215	5	...
1923	215	220	5	...
1924	220	225	5	...
1925	225	230	5	...
1926	230	235	5	...
1927	235	240	5	...
1928	240	245	5	...
1929	245	250	5	...
1930	250	255	5	...
1931	255	260	5	...
1932	260	265	5	...
1933	265	270	5	...
1934	270	275	5	...
1935	275	280	5	...
1936	280	285	5	...
1937	285	290	5	...
1938	290	295	5	...
1939	295	300	5	...
1940	300	305	5	...
1941	305	310	5	...
1942	310	315	5	...
1943	315	320	5	...
1944	320	325	5	...
1945	325	330	5	...
1946	330	335	5	...
1947	335	340	5	...
1948	340	345	5	...
1949	345	350	5	...
1950	350	355	5	...
1951	355	360	5	...
1952	360	365	5	...
1953	365	370	5	...
1954	370	375	5	...
1955	375	380	5	...
1956	380	385	5	...
1957	385	390	5	...
1958	390	395	5	...
1959	395	400	5	...
1960	400	405	5	...
1961	405	410	5	...
1962	410	415	5	...
1963	415	420	5	...
1964	420	425	5	...
1965	425	430	5	...
1966	430	435	5	...
1967	435	440	5	...
1968	440	445	5	...
1969	445	450	5	...
1970	450	455	5	...
1971	455	460	5	...
1972	460	465	5	...
1973	465	470	5	...
1974	470	475	5	...
1975	475	480	5	...
1976	480	485	5	...
1977	485	490	5	...
1978	490	495	5	...
1979	495	500	5	...
1980	500	505	5	...
1981	505	510	5	...
1982	510	515	5	...
1983	515	520	5	...
1984	520	525	5	...
1985	525	530	5	...
1986	530	535	5	...
1987	535	540	5	...
1988	540	545	5	...
1989	545	550	5	...
1990	550	555	5	...
1991	555	560	5	...
1992	560	565	5	...
1993	565	570	5	...
1994	570	575	5	...
1995	575	580	5	...
1996	580	585	5	...
1997	585	590	5	...
1998	590	595	5	...
1999	595	600	5	...
2000	600	605	5	...

LOC OF OIL OR GAS WELL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
UNITED STATES

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1920-1929
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1940-1949
1950-1959
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