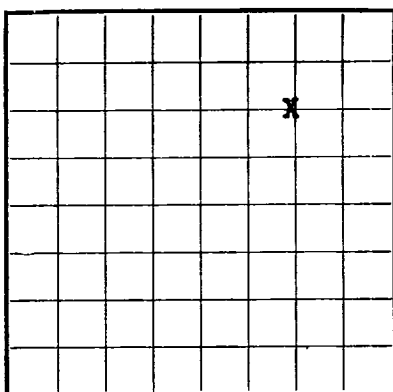


U. S. LAND OFFICE 0607
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

El Paso Natural Gas Company

Box 997, Farmington, New Mexico

Company Atlantic Address Blanco State New Mexico
Lessor or Tract 3-C Field NMPM State San Juan
Well No. 1750 Sec. 31 T. 10N R. 11W Meridian E Country 31 Elevation 6080
Location 1750 ft. N of Line and ft. E of Line of (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 Sevell N. Wilcox Title Petroleum Engineer
Date April 13, 1954

The summary on this page is for the condition of the well at above date.
Commenced drilling February 15, 54 Finished drilling March 5, 54

OIL OR GAS SANDS OR ZONES

No.	From	To	Amount (G)
No. 1	2820	4337	2890 (G)
No. 2	4337	4476	4963 (G)
No. 3	4476	5095	5095 (G)

IMPORTANT WATER SANDS

No.	From	To
No. 1		
No. 2		
No. 3		
No. 4		

CASING RECORD

Size casing	Weight per foot	Threads per foot	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
9 5/8	25.4	5-W	Arco	168	Arco			Surface
7	23	8 RD	Spang	1986	Baker			Prod. Csg.
2"	4.7	8 RD	Youngston	5080				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	173	125	Circulated		
7	4900	500	Single Stage		

PLUGS AND ADAPTERS

Heavy Material Depth set
Adapters—Material Size

SHOOTING RECORD

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

Rotary tools were used from 0 feet to 4900 feet, and from 4900 feet to 5117 feet
Cable tools were used from 0 feet to 4900 feet, and from 4900 feet to 5117 feet

March 7, 54 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 3,937,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 992

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	550	550	Tan cr-grn ss w/thin sh breaks.
550	1395	845	Variegated sh w/thin ss breaks.
1395	1950	555	Tan to gry cr-grn ss interbedded w/gry sh.
1950	1992	42	Ojo Alamo ss. White cr-grn s.
1992	2396	404	Kirtland formation. Gry sh interbedded w/light gry fine-grn ss.
2396	2820	424	Fruitland formation. Gry carb sh, scattered coal, and gry, tight, fine-grn ss.
2820	2890	70	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss.
2890	4337	1447	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4337	4476	139	Cliff House ss. Gry, fine-grn dense sil ss.
4476	4963	487	Manefee formation. Gry, fine-grn s, carb sh and coal.
4963	5095	132	Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks.
5095	5117	22	Mancos formation. Gry carb sh.

IN ARE OR PERMIT TO PROSPECT
SERIAL NUMBER
U.S. LAND OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

10 JUL 1954

44-38861-100
E.T.210

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Location	of	the	line
Well No.	T. R.	N.	E.
Owner or Tenant			
Company			
Address			
State			
Elevation			

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 _____

Commenced drilling	_____	19__
Finished drilling	_____	19__
The summary on this page is for the condition of the well at above date.		
Title	_____	
Date	_____	

OIL OR GAS SANDS OR ZONES

No. 1, from	to	No. 4, from	to
No. 2, from	to	No. 5, from	to
No. 3, from	to	No. 6, from	to

(Dnote page 6)

IMPORTANT WATER SANDS

No. 1 from _____ to _____ No. 2 from _____ to _____ No. 3 from _____ to _____ No. 4 from _____ to _____ No. 5 from _____ to _____ No. 6 from _____ to _____ No. 7 from _____ to _____ No. 8 from _____ to _____ No. 9 from _____ to _____ No. 10 from _____ to _____ No. 11 from _____ to _____ No. 12 from _____ to _____ No. 13 from _____ to _____ No. 14 from _____ to _____ No. 15 from _____ to _____ No. 16 from _____ to _____ No. 17 from _____ to _____ No. 18 from _____ to _____ No. 19 from _____ to _____ No. 20 from _____ to _____ No. 21 from _____ to _____ No. 22 from _____ to _____ No. 23 from _____ to _____ No. 24 from _____ to _____ No. 25 from _____ to _____ No. 26 from _____ to _____ No. 27 from _____ to _____ No. 28 from _____ to _____ No. 29 from _____ to _____ No. 30 from _____ to _____ No. 31 from _____ to _____ No. 32 from _____ to _____ No. 33 from _____ to _____ No. 34 from _____ to _____ No. 35 from _____ to _____ No. 36 from _____ to _____ No. 37 from _____ to _____ No. 38 from _____ to _____ No. 39 from _____ to _____ No. 40 from _____ to _____ No. 41 from _____ to _____ No. 42 from _____ to _____ No. 43 from _____ to _____ No. 44 from _____ to _____ No. 45 from _____ to _____ No. 46 from _____ to _____ No. 47 from _____ to _____ No. 48 from _____ to _____ No. 49 from _____ to _____ No. 50 from _____ to _____ No. 51 from _____ to _____ No. 52 from _____ to _____ No. 53 from _____ to _____ No. 54 from _____ to _____ No. 55 from _____ to _____ No. 56 from _____ to _____ No. 57 from _____ to _____ No. 58 from _____ to _____ No. 59 from _____ to _____ No. 60 from _____ to _____ No. 61 from _____ to _____ No. 62 from _____ to _____ No. 63 from _____ to _____ No. 64 from _____ to _____ No. 65 from _____ to _____ No. 66 from _____ to _____ No. 67 from _____ to _____ No. 68 from _____ to _____ No. 69 from _____ to _____ No. 70 from _____ to _____ No. 71 from _____ to _____ No. 72 from _____ to _____ No. 73 from _____ to _____ No. 74 from _____ to _____ No. 75 from _____ to _____ No. 76 from _____ to _____ No. 77 from _____ to _____ No. 78 from _____ to _____ No. 79 from _____ to _____ No. 80 from _____ to _____ No. 81 from _____ to _____ No. 82 from _____ to _____ No. 83 from _____ to _____ No. 84 from _____ to _____ No. 85 from _____ to _____ No. 86 from _____ to _____ No. 87 from _____ to _____ No. 88 from _____ to _____ No. 89 from _____ to _____ No. 90 from _____ to _____ No. 91 from _____ to _____ No. 92 from _____ to _____ No. 93 from _____ to _____ No. 94 from _____ to _____ No. 95 from _____ to _____ No. 96 from _____ to _____ No. 97 from _____ to _____ No. 98 from _____ to _____ No. 99 from _____ to _____ No. 100 from _____ to _____

March 5, 1954. Total depth 5174'. Interval treated 4900-5174'.
 Estimated point look-out formation with 8,000 gallons
 of diesel oil with 6500# sand. Breakdown pressure 9000#. Injection rate 420 gallons per minute finished with 3,181 gallons oil.

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 pins or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing or shots.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-43084-2

MUDGING AND CEMENTING RECORD

[illegible]

SHOOTING RECORD

[illegible]

TOOLS USED

1991	of feet	and from	1991	of feet	and from	1991	of feet	and from	1991	of feet	and from
1991	of feet	and from	1991	of feet	and from	1991	of feet	and from	1991	of feet	and from

DATE

Pat to procuring	10
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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	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466
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..... 901 (7/17/79)

Il gas well, em. le per 24 hours		Gallons gas used per 1000 cu. ft. of gas
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EMPLOYEES

Supplier	Refined
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FORMATION RECORD

[illegible]

FORMATION RECORD—Continued

FORMATION