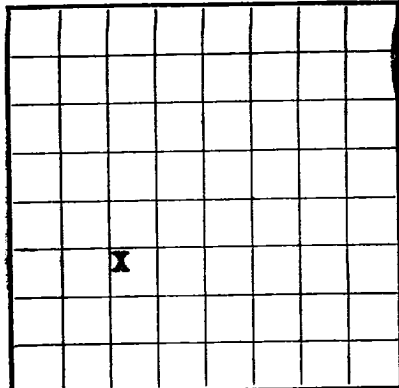
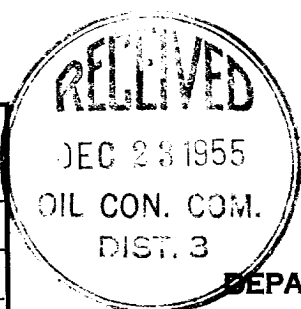




LOCATE WELL CORRECTLY



UNITED STATES

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSanta Fe
U. S. LAND OFFICE
SERIAL NUMBER 079486
LEASE OR PERMIT TO PROSPECT
14-08-001-1056

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract San Juan 30-4 Unit Field E. Blanco P.C. State New Mexico
Well No. 10 Sec. 27 T. 30N R. 4W Meridian NMPM County Rio Arriba
Location 1650 ft. N. of N Line and 1550 ft. E. of W Line of Section 27 Elevation 7367'
(Derick 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

Date December 5, 1955Title Petroleum Engineer

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

Commenced drilling July 16, 19 55 Finished drilling October 25, 19 55

OIL OR GAS SANDS OR ZONES

No. 1, from 1100 to 1395 No. 4, from 5490 to 6614
No. 2, from 6270 to 6351 No. 5, from 6490 to 6614
No. 3, from 6351 to 6490 No. 6, from 6614 to 6790

IMPORTANT WATER SANDS

No. 1, from 1100 to 1395 No. 3, from 6351 to 6490
No. 2, from 6270 to 6351 No. 4, from 5490 to 6614

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#	P.E.	S.W.	122'	Howco			Surface
7"	16.7#	P.E.	S.W.	100'	Howco			Production
2"	4.7#	8 RD	J-52	130'				Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	137'	100	Circulated		
7"	4102'	250	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
		See Well History.				

TOOLS USED

Rotary tools were used from 0 feet to 4102 feet, and from 4102 feet to 6790 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

November 3, 19 55 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 434,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 1053

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Undeveloped			
0	1492	1492	Variegated sh w/thin ss breaks.
1492	3490	1998	Tan to gry cr-grn ss interbedded w/gry sh.
3490	3716	226	Ojo Alamo ss. White cr-grn s.
3716	3895	179	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3895	4100	205	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
4100	4395	295	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
4395	6270	1875	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
6270	6351	81	Cliff House ss. Gry, fine-grn, dense sil ss.
6351	6490	139	Menefee form. Gry, fine-grn s, carb sh & coa
6490	6614	124	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
6614	6790 T.D.	176	Mancos formation. Gry carb sh.

FORMATION RECORD—Continued

[illegible]

LOCATE WELL CORRECTLY

UNITED STATES

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

[illegible]

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

Plugged back to 4400'. IL-1-55 T.D. 6795'.
Interval 4400-4500 with 50,000 gallons water and 70,000# sand. Flush.
1500 gallons. Injection rate 66.5 bbls./min. Maximum pressure 1000#.
Breakdown pressure 900#. Treating material 945#. Natural gas 181M.
OIL OR GAS SANDS OR ZONES

2 joints and 3 collars in 1st. Struck drill pipe while cleaning out. Backed off and left

Flush with 3000 gallons water. Discharge 8.0 bbls./min. Maximum pressure 1650#, breakdown pressure 1500#, treating pressure 1500#. Natural gas 23 Mcf.

[illegible]

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 pings or bridges were put into test for water, state kind of material used, position, and results of dynamite, and number of shots.

HISTORY OF OIL OR GAS WELL

MIDDING AND CEMENTING RECORD

Case	Method of estimate	Method used	Value	Amount of interest
1	1	1	1	1
2	2	2	2	2
3	3	3	3	3
4	4	4	4	4
5	5	5	5	5
6	6	6	6	6
7	7	7	7	7
8	8	8	8	8
9	9	9	9	9
10	10	10	10	10
11	11	11	11	11
12	12	12	12	12
13	13	13	13	13
14	14	14	14	14
15	15	15	15	15
16	16	16	16	16
17	17	17	17	17
18	18	18	18	18
19	19	19	19	19
20	20	20	20	20
21	21	21	21	21
22	22	22	22	22
23	23	23	23	23
24	24	24	24	24
25	25	25	25	25
26	26	26	26	26
27	27	27	27	27
28	28	28	28	28
29	29	29	29	29
30	30	30	30	30
31	31	31	31	31
32	32	32	32	32
33	33	33	33	33
34	34	34	34	34
35	35	35	35	35
36	36	36	36	36
37	37	37	37	37
38	38	38	38	38
39	39	39	39	39
40	40	40	40	40
41	41	41	41	41
42	42	42	42	42
43	43	43	43	43
44	44	44	44	44
45	45	45	45	45
46	46	46	46	46
47	47	47	47	47
48	48	48	48	48
49	49	49	49	49
50	50	50	50	50
51	51	51	51	51
52	52	52	52	52
53	53	53	53	53
54	54	54	54	54
55	55	55	55	55
56	56	56	56	56
57	57	57	57	57
58	58	58	58	58
59	59	59	59	59
60	60	60	60	60
61	61	61	61	61
62	62	62	62	62
63	63	63	63	63
64	64	64	64	64
65	65	65	65	65
66	66	66	66	66
67	67	67	67	67
68	68	68	68	68
69	69	69	69	69
70	70	70	70	70
71	71	71	71	71
72	72	72	72	72
73	73	73	73	73
74	74	74	74	74
75	75	75	75	75
76	76	76	76	76
77	77	77	77	77
78	78	78	78	78
79	79	79	79	79
80	80	80	80	80
81	81	81	81	81
82	82	82	82	82
83	83	83	83	83
84	84	84	84	84
85	85	85	85	85
86	86	86	86	86
87	87	87	87	

[illegible]

RENTIAGA CUSA POLICE

[illegible]

SHOOTING RECORD

[illegible][illegible]

TOOTS USED

of food	most bear only about 1000
of food	most bear now about 1000

DATE	DESCRIPTION	AMOUNT
10/10/19	For to ...	...
10/10/19	For to ...	...

The production for the first 24 hours was		amounted to 100 tons
which was off		the new No. 1 shaft

----- any to 10,000 and 100,000 (100,000 and 1,000,000)	----- 100,000 and 1,000,000 (100,000 and 1,000,000)
--	--

103	Rock pressure, lbs. per sq. in.
EMPLOYERS	

_____	_____	_____	_____
_____	_____	_____	_____

FORM INFORMATION RECORD

FROM	TO	TOTAL LATOT	200712301

[illegible][illegible][illegible][illegible]

4334	DATE	TIME	LOCATION	REMARKS
				Left station. Day to white house at winding to show as break.

100-68	100-68	100-68	100-68
de unio	de unio	de unio	de unio
100-68	100-68	100-68	100-68

1. Name of the person	2. Address	3. City	4. State	5. Zip
John Doe	123 Main St	New York	NY	10001
Jane Smith	456 Elm St	Los Angeles	CA	90001
Bob Johnson	789 Oak St	Chicago	IL	60601
Alice Brown	101 Pine St	San Francisco	CA	94101
Charlie White	202 Cedar St	Houston	TX	77001
Diana Green	303 Birch St	Phoenix	AZ	85001
Frank Black	404 Spruce St	Philadelphia	PA	19101
Grace Hall	505 Willow St	San Diego	CA	92101
Henry King	606 Ash St	Dallas	TX	75201
Ivy Lee	707 Hickory St	San Jose	CA	95101
Jack Miller	808 Maple St	Portland	OR	97201
Karen Wilson	909 Poplar St	Seattle	WA	98101
Leo Taylor	1010 Sycamore St	Denver	CO	80201
Mia Adams	1111 Walnut St	Boston	MA	02101
Noah Baker	1212 Chestnut St	San Antonio	TX	78201
Olivia Clark	1313 Olive St	San Francisco	CA	94101
Peter Evans	1414 Elm St	Los Angeles	CA	90001
Quinn Foster	1515 Pine St	Chicago	IL	60601
Rachel Gibson	1616 Oak St	New York	NY	10001
Samuel Hall	1717 Birch St	San Diego	CA	92101
Tina King	1818 Spruce St	Phoenix	AZ	85001
Victor Lee	1919 Willow St	Dallas	TX	75201
Wendy Miller	2020 Ash St	San Jose	CA	95101
Xavier Wilson	2121 Hickory St	Portland	OR	97201
Yara White	2222 Maple St	Seattle	WA	98101
Zoe Black	2323 Poplar St	Denver	CO	80201

[illegible]

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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[illegible]

1968-1969	FORMATION	TOTAL FEET			
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FROM- TO- TOTAL REVENUE (CHECK)

INFORMATION RECORD-Continued