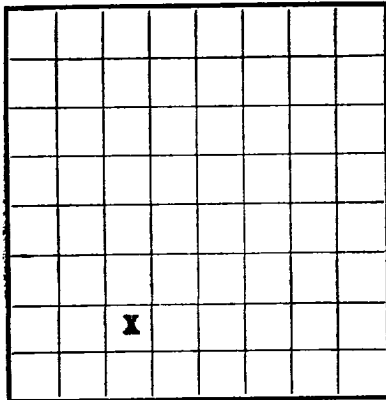


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078912
LEASE OR PERMIT TO PROSPECT _____
I-Sec. 713UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Lindrith Unit Field Wildcat State New Mexico
Well No. 2 Sec. 13 T. 24N R. 3W Meridian NMPM County Rio Arriba
Location 990 ft. N. of S Line and 1650 ft. E. of W Line of Section 13 Elevation 6992'
(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 G. F. J. J. J.Date September 14, 1955 Title Petroleum Engineer

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

Commenced drilling July 31, 1955 Finished drilling August 20, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3056 to 3106 (G) No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ 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	Threads per foot	Make	Amount	Kind of pipe	Cut and pulled from	Perforated	Purpose
9 5/8"	25.44	P.E.	S.W.	121'	Howco			Surface
5 1/2"	15.00	P.E.	S.W.	3057'	Howco			Production
1"	1.68	10 RD	Std. B.L.	3052'				Prod. Log.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	133'	100	Circulated		
5 1/2"	3057'	150	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 3057 feet, and from _____ feet to _____ feet
Cable tools were used from 3057 feet to 3106 feet, and from _____ feet to _____ feet

DATES

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 2,416,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 979

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1000	1000	Tan cr-grn ss w/thin sh breaks.
1000	2580	1580	Variegated sh w/thin ss breaks.
2580	2775	195	Tan to gry cr-grn ss interbedded w/gry sh.
2775	2833	58	Ojo Alamo ss. White cr-grn s.
2833	2951	118	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2951	3056	105	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3056	3106 TD	50	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.

PLEASE OR PERMIT TO PROCEED

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Date _____
 Registered _____
 Title _____
 Signed _____
 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.
 Location _____ of _____ Line and _____ ft. _____ of _____ Line of _____ Elevation (feet)
 Well No. _____ Sec. _____ T. _____ R. _____ Meridian _____
 Lessor or Tract _____
 Company _____
 Address _____ Box _____
 State _____

Commenced drilling July 31, 1922 Finished drilling August 25, 1922

OIL OR GAS SANDS OR ZONES

(Derevo das ya G)

No. 1, from 3250 to 3100 (G)
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____
No. 5, from _____ to _____
No. 6, from _____ to _____

IMPORTANT WATER SANDS

_____ of _____

[illegible]

Boltions: Breakdown pressure 1500; working pressure 1200; drawing pressure

~~007E DATA : (P) PWS #000-41 PWS TO TOWNS OF SHOTTS 007E DATA : 007E~~

1961-1962

[illegible]

of each. If a bridge was put in a test for a material used position and location. If the well has been dynamited, give date, size, position, and number.

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 them.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 10-18004-2

MUDDING AND CEMENTING RECORD

Case	Where set	Number sacks of cement	Method used	Kind Gravel	Amount of sand used
2 1/2	30 ft	10	Hand & shovels		
2 1/2	15 ft	10	Hand & shovels		

PLUGS AND ADAPTERS

Heaving plug - Material

SHOOTING RECORD

[illegible]

TOOLS USED

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

_____ of feet _____ from _____ feet and from _____ feet to _____ feet _____

DATE

Put to producing	19
------------------	----

new saw of 1870

[illegible]

... ..

[illegible]

EMPLOYEES

Driver	Driver
--------	--------

Driller	_____
Miller	_____

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	1000	1000	Top of - gum as with a breaks.
1000	2000	1000	Varied as with a breaks.
2000	2775	775	Gum to top of gum as interbedded w/ fine sand.
2775	2933	158	Of Alabama as. White of - gum a.
2933	3221	288	Interbedded form. Gum as interbedded w/ fine sand.
3221	3496	275	Gum fine-grained sand.
3496	3670	174	Interbedded form. Gum sand as, scattered co.
3670	3700	30	Coarse and fine, white, fine-grained sand.
			Pictured Collins form. Gum, fine-grained, sil.
			Varied interbedded with sand.

FORMATION RECORD—Continued

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

FORMATION

8-46024-81