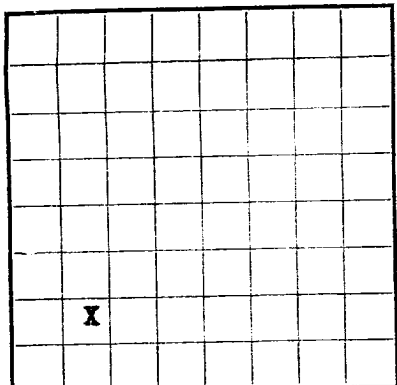


Form 9-330

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078414-A
LEASE OR PERMIT TO PROSPECT _____



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 Day Field Blanco-La Plata State New Mexico
Well No. 3 Sec. 18 T. 29 N. R. 8 W. Meridian N. M. P. M. County San Juan
Location 990 ft. [N. of S. Line and 990 ft. E. of W Line of Section 18 Elevation 6478
(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 _____ Title Petroleum Engineer.
Date March 30, 1953

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

Commenced drilling February 7, 1953 Finished drilling February 25, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3056 to 3100 (G) No. 4, from 5281 to 5411 (G)
No. 2, from 4680 to 4836 (G) No. 5, from _____ to _____
No. 3, from 4836 to 5281 (G) No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____
No. 2, from _____ to _____ No. 4, from _____

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	8	S. W.	162	BAKER				Surface
7 7/8	18.8	8	S. W.	309.96	BAKER				Prod. Log.
7 7/8	18.8	8	S. W.	10.88	BAKER				Prod. Log.
2"	4.7	8	youngst.	5405					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	173	125	Circulated		
7"	4637	300	Sing. 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	Regular	S. N. G.	1825	2-25-53	4671-5471	5471'

TOOLS USED

Rotary tools were used from 0 feet to 4637 feet, and from Gas Drilling feet to 5471 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

February 28, 1953 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 3,690,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 1070

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	680	680	Tan cr-grn ss w/thin sh breaks.
680	1280	600	Variegated sh w/thin ss breaks.
1280	1983	703	Tan to gry cr-grn ss interbedded w/gry sh.
1983	2121	138	Ojo Alamo ss. Wh cr-grn s. Top Ojo Alamo 1983.
2121	2744	623	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Top Kirtland 2121.
2744	3056	312	Fruitland formation. Gry carb sh, scattered coals and gry, tight, fine-grn ss. Top Fruitland 2744.
3056	3100	44	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 3056.
3100	4680	1580	Lewis formation. Gry to wh dense sh w/silty to shaly ss breaks. Top of Lewis 3100.
4680	4836	156	Cliff House ss. Gry, fine-grn, dense sil ss. Top of Cliff House 4680.
4836	5281	445	Menefee formation. Gry, fine-grn s, carb sh and coal. Top Menefee 4836.
5281	5411	130	Point Lookout formation. Gry, very fine sil ss w/ frequent sh breaks. Top Point Lookout 5281.
5411	5471 T.B.	60	Mancos formation. Gry carb sh. Top Mancos 5411.

FROM

TO

TOTAL FEET

[OVER]

FORMATION

16-43094-2

FORMATION RECORD—Continued

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Completed drilling _____ February 7, 1923 _____ Finished drilling _____ February 22, 1923 _____

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

OIL OR GAS SANDS OR ZONES

No. 1 from	3050	to	3100 (G)	No. 4 from	4324	to	4373 (G)
No. 2 from	4080	to	4230 (G)	No. 5 from		to	
No. 3 from	4834	to	5181 (G)	No. 6 from		to	

(Denote tag by G)

IMPORTANT WATER SANDS

No. 1 from _____ to _____
 No. 2 from _____ to _____
 No. 3 from _____ to _____
 No. 4 from _____ to _____

CASING RECORD

Case No.	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	From
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							

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 fangs or bridges were put in, state location, type of material used, position, and results of pumping or pulling.

HISTORY OF OIL OR GAS WELL

SLIPPER

Size casing	Whoreft	Number sacks of cement	Method used	Mud gravity	Amount of mud used
4 1/2	551	251	Displacement		
4 1/2	551	251	Displacement		

PLUGS AND ADAPTERS

Apparatus—Material	Size	Length	Depth set
Flotation plug—Material			

SHOOTING RECORD

Date	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
1967-05-18	11	11	18	1967-05-18	11	11

rooms used

Rotary tools were used from	0	feet to	1637	feet and from	1637	feet to	1637
Cable tools were used from		feet to		feet, and from		feet to	

DATE

It gas well, can be per 24 hours	5,000 gal.	Gas well, can be per 24 hours	5,000 gal.
emission; water; and sediment	100	emission; water; and sediment	100
The production for the first 24 hours was	100	The production for the first 24 hours was	100
100	100	100	100

EMPLOYEES

Driver	_____
Driver	_____

FORMATION RECORD

FORMATION	TOTAL FEET	TO -	FROM -
Thin cr-gm as w/bthin sh breaks.	500	450	0
Varioluted sh w/bthin sh breaks.	500	1250	500
Thin cr-gm as interbedded w/gry sh.	700	1950	1250
Thin cr-gm as. In cr-gm as. Top of cr-gm as.	150	2100	1950
Kindland formation. Gry sh interbedded with cr-gm as. Top Kindland 1121.	620	2720	2100
Kindland formation. Gry carb sh, sand and and gry, tight, fine-grm as. Top Fossiliferous 1121.	110	2830	2720
Bedded Cliffs formation. Gry, fine-grm, tight and gry, tight, fine-grm as. Top Fossiliferous 1121.	10	2840	2830
Varioluted soft as. Top (Fossiliferous Cliffs 1121).	150	2990	2840
Bedded formation. Gry to wh base sh. Top of bedded 3100.	150	3140	2990
Shaly as breaks. Top of beds 3100.	150	3290	3140
Cliff House as. Cr, fine-grm, house sh. as. 62 Cliff House 4030.	150	3440	3290
Menelee formation. Gry, fine-grm as, carb sh. Top Menelee 4030.	150	3590	3440
Point Lookout formation. Gry, v. gy, fine-grm as. Top Point Lookout 5100.	150	3740	3590
Point Lookout formation. Gry, v. gy, fine-grm as. Top Point Lookout 5100.	150	3890	3740
Point Lookout formation. Gry, v. gy, fine-grm as. Top Point Lookout 5100.	150	4040	3890

FORMATION RECORD—Continued