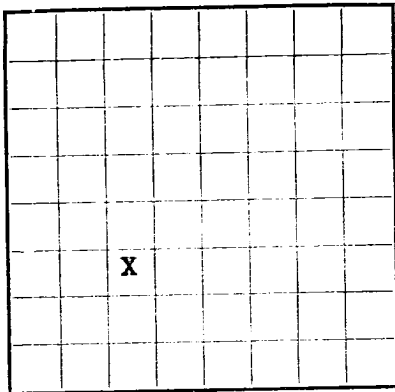




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078438
LEASE OR PERMIT TO PROSPECT 14-08-001-569UNITED 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 32-9 Unit Field Blanco State New Mexico
Well No. 17 Sec. 8 T. 31N R. 9W Meridian NMPM County San Juan
Location 1800 ft. N. of S. Line and 1650 ft. E. of W. Line of Section 8 Elevation 6688'
(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 [Signature]Date April 16, 1954Title Petroleum Engineer

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

Commenced drilling January 16, 1954 Finished drilling March 17, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)
No. 1, from 3538 to 3592 (g) No. 4, from 5722 to 5880 (g)
No. 2, from 5296 to 5470 (g) No. 5, from 5470 to 5772 (g)
No. 3, from 5470 to 5772 (g) No. 6, from 5772 to 5880 (g)

IMPORTANT WATER SANDS

No. 1, from 3538 to 3592 No. 3, from 5470 to 5772
No. 2, from 5296 to 5470 No. 4, from 5722 to 5880

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	S.W.	Armco	161'	Armco				Surface
7	123	8 RD	Armco	204'	Baker				Prod. Csg.
7	28	8 RD	Armco	526'	Baker				Prod. Csg.
2"	4.7	8 RD	Youngstown	5871'					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	5260'	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
		Sand-oil, See well History				5920'

TOOLS USED

Rotary tools were used from 0 feet to 5260 feet, and from 5260 feet to 5920 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ March 19, 1954 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. _____

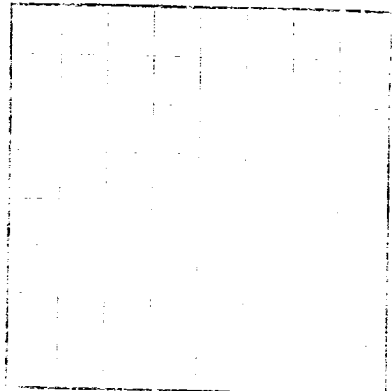
If gas well, cu. ft. per 24 hours 3,042,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 962

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1200	1200	Tan cr-grn ss w/thin sh breaks.
1200	2054	854	Variegated sh w/thin ss breaks.
2054	2653	599	Tan to gray cr-grn ss interbedded w/gry sh.
2653	2706	53	Ols Albion ss. White cr-grn s.
2706	3095	389	Kirland formation. Gry sh interbedded w/tight gry fine-grn s.
3095	3538	443	Fruitland formation. Gry carb sh, scattered coals and gray tight, fine-grn ss.
3538	3592	54	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss.
3592	5296	1704	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5296	5470	174	Chiff House ss. Gry, fine-grn, dense sh ss.
5470	5772	302	Mancos formation. Gry, fine-grn s, carb sh and coal.
5772	5880	108	Point Lecheat formation. Gry, very fine sil ss w/frequent sh breaks.
5880	5920	40	Mancos formation. Gry carb sh.



LOG OF OIL OR GAS WELL

OF THE WELL CORRECTLY

Information of oil or gas well is a valuable asset to the Government and the public. It is the policy of the Department of the Interior to collect and publish such information. The information should be given in detail, including the location, depth, and production of the well. The log should be filled out by the operator of the well, and should be submitted to the nearest Geological Survey office for filing.

March 17, 1924, Total depth 5920', interval treated, 5715' - 5920'. Set Baker Model K Retainer at 5715', and treated Point Lookout formation with 10,000 gallons #2 diesel oil and 8500# sand. Breakdown pressure 1700#, maximum pressure 1800#. Injection rate 243 gallons per minute. Flushed with 2570 gallons oil. Gage before treatment 1050 MCF. Gage 30 hours after treatment 2040 MCF.

March 13, 1924, Total depth 5470', interval treated, 5370' - 5470'. Set Baker Model K Retainer at 5370', and treated Little House formation with 11,088 gallons #2 diesel oil and 8500# sand. Breakdown pressure 1600#, maximum pressure 2100#. Injection rate 231 gallons per minute. Flushed with 2730 gallons oil. Natural Gage 116 MCF. Gage 24 hours after treatment 1250 MCF.

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.

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

FROM-	TO-	TOTAL FEET	FORMATION
5470	5370	100	Little House
5370	5270	100	Point Lookout
5270	5170	100	Point Lookout
5170	5070	100	Point Lookout
5070	4970	100	Point Lookout
4970	4870	100	Point Lookout
4870	4770	100	Point Lookout
4770	4670	100	Point Lookout
4670	4570	100	Point Lookout
4570	4470	100	Point Lookout
4470	4370	100	Point Lookout
4370	4270	100	Point Lookout
4270	4170	100	Point Lookout
4170	4070	100	Point Lookout
4070	3970	100	Point Lookout
3970	3870	100	Point Lookout
3870	3770	100	Point Lookout
3770	3670	100	Point Lookout
3670	3570	100	Point Lookout
3570	3470	100	Point Lookout
3470	3370	100	Point Lookout
3370	3270	100	Point Lookout
3270	3170	100	Point Lookout
3170	3070	100	Point Lookout
3070	2970	100	Point Lookout
2970	2870	100	Point Lookout
2870	2770	100	Point Lookout
2770	2670	100	Point Lookout
2670	2570	100	Point Lookout
2570	2470	100	Point Lookout
2470	2370	100	Point Lookout
2370	2270	100	Point Lookout
2270	2170	100	Point Lookout
2170	2070	100	Point Lookout
2070	1970	100	Point Lookout
1970	1870	100	Point Lookout
1870	1770	100	Point Lookout
1770	1670	100	Point Lookout
1670	1570	100	Point Lookout
1570	1470	100	Point Lookout
1470	1370	100	Point Lookout
1370	1270	100	Point Lookout
1270	1170	100	Point Lookout
1170	1070	100	Point Lookout
1070	970	100	Point Lookout
970	870	100	Point Lookout
870	770	100	Point Lookout
770	670	100	Point Lookout
670	570	100	Point Lookout
570	470	100	Point Lookout
470	370	100	Point Lookout
370	270	100	Point Lookout
270	170	100	Point Lookout
170	70	100	Point Lookout
70	0	70	Point Lookout