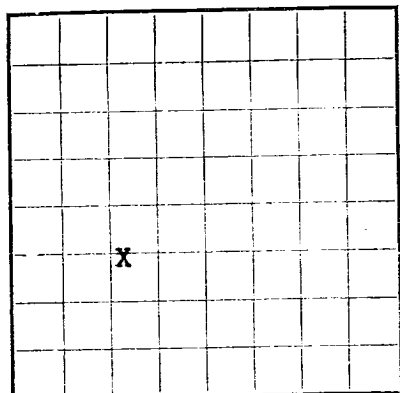


Santa Fe
U. S. LAND OFFICE 078604
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

JUL 23 1954
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY
El Paso Natural Gas Company
Company Scott
Lessor or Tract 4 31N 10W
Well No. 1750 Sec. T. R. 1630 Meridian W. County Section 4 5984
Location ft. 1000 of Line and ft. 1000 of Line of Elevation
(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 *W. J. Welch* Petroleum Engineer
Date July 27, 1954 Title

The summary on this page is for the condition of the well at above date.
Commenced drilling February 6, 1954 Finished drilling May 22, 1954

OIL OR GAS SANDS OR ZONES

No. 1, from 2784 to 4306 No. 2, from 4306 to 4531 No. 3, from 4531 to 5022 No. 4, from 5022 to 5122
No. 5, from 5122 to 5169 No. 6, from 5169 to 5199

IMPORTANT WATER SANDS

No. 1, from 2784 to 4306 No. 2, from 4306 to 4531 No. 3, from 4531 to 5022 No. 4, from 5022 to 5122
No. 5, from 5122 to 5169 No. 6, from 5169 to 5199

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
9 5/8	29.4	3 W.	Amoco	161	Amoco			Prod. Csg.
7	23	8 RD	Spang	2014	Baker			Prod. Csg.
7	20	8 RD	Spang	2542				Prod. Csg.
2	4.7	8 RD	Youngstown	5142				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	4566	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				

Gas Drilling

Rotary tools were used from 0 feet to 4566 feet, and from 4566 feet to 5169 feet
Cable tools were used from 0 feet to 4566 feet, and from 4566 feet to 5169 feet

DATES

May 24, 1954 Put to producing
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 4,206,000 Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in. 1034

EMPLOYEES

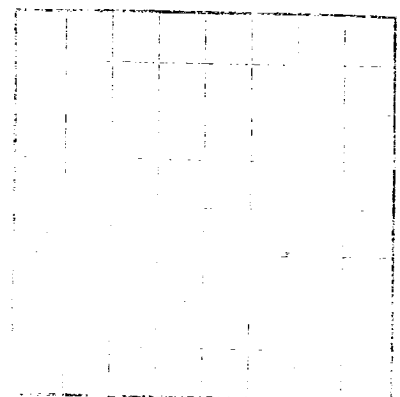
Driller Driller
Driller Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
00	791	791	Tan cr-grn ss w/thin sh breaks.
791	1358	567	Variegated sh w/thin ss breaks.
1358	1816	458	Tan to gry cr-grn ss interbedded w/gry sh.
1816	1966	150	Ojo Alamo ss. White cr-grn s.
1966	2381	415	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss.
2381	2784	403	Fruitland formation. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2784	2866	82	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss.
2866	4306	1440	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4306	4531	225	Cliff House ss. Gry, fine-grn, dense sil ss.
4531	5022	491	Menefee formation. Gry, fine-grn s, carb sh and coal.
5022	5122	100	Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks.
5122	5169	47	Mancos Formation. Gry carb sh.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON, D. C.
20540

LOG OF OIL OR GAS WELL



Company:
Location:
The information given on this log is for the use of the well only and is not to be used for any other purpose.
The summary on this log is for the use of the well only and is not to be used for any other purpose.
Company:
Location:
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5-22-54 Total Depth 5169', interval treated 4967' - 5169'.
280 MCF. Gage 14 hours after treatment 4,380 MCF.
Injection rate 5.0 barrels per minute. Finished with 2,300 gallons oil. Natural gas
#2 diesel oil and 11,500# sand. Breakdown pressure 1000#, maximum pressure 1200#.
Set Baker retainer at 4965' and treated Point Lookout formation with 16,000 gallons
oil. Natural gas 130 MCF. Gage 24 hours after treatment 2,060 MCF.
Injection rate 5.5 barrels per minute. Finished with 2,750 gallons
#2 diesel oil and 9,000# sand. Breakdown pressure 1700#, maximum
Set Baker retainer at 4500 and treated Cliff House formation (with notes) with
5-10-54 Total Depth 4724', interval treated 4567' - 4724'.
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 pulling.

HISTORY OF OIL OR GAS WELL

FROM	TO	TOTAL FEET	FORMATION
5169'	4967'	202'	Point Lookout
4967'	4724'	243'	Cliff House
4724'	4567'	157'	Cliff House
4567'	4400'	167'	Cliff House
4400'	4240'	160'	Cliff House
4240'	4080'	160'	Cliff House
4080'	3920'	160'	Cliff House
3920'	3760'	160'	Cliff House
3760'	3600'	160'	Cliff House
3600'	3440'	160'	Cliff House
3440'	3280'	160'	Cliff House
3280'	3120'	160'	Cliff House
3120'	2960'	160'	Cliff House
2960'	2800'	160'	Cliff House
2800'	2640'	160'	Cliff House
2640'	2480'	160'	Cliff House
2480'	2320'	160'	Cliff House
2320'	2160'	160'	Cliff House
2160'	2000'	160'	Cliff House
2000'	1840'	160'	Cliff House
1840'	1680'	160'	Cliff House
1680'	1520'	160'	Cliff House
1520'	1360'	160'	Cliff House
1360'	1200'	160'	Cliff House
1200'	1040'	160'	Cliff House
1040'	880'	160'	Cliff House
880'	720'	160'	Cliff House
720'	560'	160'	Cliff House
560'	400'	160'	Cliff House
400'	240'	160'	Cliff House
240'	80'	160'	Cliff House
80'	0'	80'	Cliff House