



A 10x10 grid with an 'X' in the 4th column and 6th row.

LOCATE WELL CORRECTLY

U. S. LAND OFFICE **New Mexico**

SERIAL NUMBER 013688

LEASE OR PERMIT TO PROSPECT

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 Atlantic Field Blanco State New Mexico
 Well No. 7 Sec. 23 T. 31N R. 10W Meridian NMPM County San Juan
 Location 1650 ft. NE of N Line and 1700 ft. NE of E Line of Section 23 Elevation 6395'

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 School Children
Date October 15, 1954 Title Petroleum Engineer

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

Commenced drilling April 18, 1954 Finished drilling September 9, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3148 to 3190 (G) No. 4, from 5437 to 5485 (G)
 No. 2, from 4906 to 5053 (G) No. 5, from _____ to _____
 No. 3, from 5053 to 5437 (G) 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 per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
9 5/8	25.4	SW	Armco	177	Armco				Surface
7 7/8	23	3 RD	Youngstown	5415	Armco				Prod. Sh.
2 1/2	6.50	3 RD	Youngstown	5415	Armco				Prod. Sh.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	133	125	Circulated		
7	4865	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
	See Well History					

TOOLS USED

Gas Drilling

Rotary tools were used from 0 feet to 4365 feet, and from 4365 feet to 5445 feet
Directional Hole
 Cable tools were used from 4911 feet to 5485 feet, and from feet to feet

DATES

----- September 12 -----, 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 5,316,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. -----1034-----

EMPLOYEES

_____, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	420	420	Tan cr-grn ss w/thin sh breaks.
420	1558	1138	Variegated sh w/thin ss breaks.
1558	2458	900	Tan to cry cr-grn ss interbedded w/gry sh.
2458	2543	85	Ojo Alamo ss. White cr-grn s.
2543	2804	261	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss.
2804	3148	344	Fruitland formation. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3148	3190	42	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss.
3190	4906	1716	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4906	5053	147	Cliff House ss. Gry, fine-grn, dense sil ss.
5053	5437	384	Menefee formation. Gry, fine-grn s, carb sh and coal.
5437	5485 T.D.	48	Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks.
			<u>Tops</u>
			Ojo Alamo 2458
			Kirtland 2543
			Fruitland 2804
			Pictured Cliffs 3148
			Lewis 3190
			Cliff House 4906
			Menefee 5053
			Point Lookout 5437

PLEASE OR PERMIT TO PROCEED
FORWARD / FURNISH
TO THE LAND OFFICE

UNILEVER LIMITED

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

100-407010-20

TOOK MEET COURT

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.

3-31-54, T.D. 5040', interval treated 4865-5040 (directional hole.). Set Baker retainer at 4832' and treated cliff house form. with 9,816 gallons #2 diesel oil and 6,100# sand. Breakdown pressure 1600#, maximum pressure 3,800#. Injection rate 6 barrels per minute. Flushed with 16 barrels oil. Natural gas 150 MCF. Gage 17 hours after treatment 1,500 MCF.

9-5-54, T.D. 5485' w/s hole, interval 5405-5485'. Sand-oil fracture P. L. directional hole with 5000 gallons oil, and 3100# sand. BDP 1700#, maximum pressure 1800#, injection rate 302 gallons per minute. Natural gas 160 MCF. Gage 24 hours after 2530 MCF. Well bitted off, mixing was stopped no flush was pumped in.

9-5-54 T.D. 5485' w/s hole, interval treated 5400-5485'. Sand-oil fracture Point Lookout directional hole with 8750 gallons oil and 4000# sand. BDP 1700#, maximum pressure 1800#. Injection rate 435 gallons per minute. Natural gas 2530 MCF. Gage 7 hours after 2530 MCF.

9-11-54 T.D. 5445', straight hole, interval treated 5370-5445'. Sand-oil fracture Point Lookout straight hole with 12,530 gallons oil, 5,300# sand. BDP 1400#. Maximum pressure 1800#, injection rate 6.2 barrels per minute. Natural gas 60 MCF. Gage after 2305 MCF.

HISTORY OF OIL OR GAS WELL

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