

[illegible]

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 03583
LEASE OR PERMIT TO PROSPECT 14-00-001-1051

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company	El Paso Natural Gas Company			Address	Box 997, Farmington, New Mexico		
Lessor or Tract	San Juan 28-6 Unit			Field	Blanco	State	New Mexico
Well No.	43	Sec. 7	T. 27N R. 6W	Meridian	NMPM	County	Rio Arriba
Location	799	ft. N. of	Line and 820	ft. E. of	E	Line of Section 7	Elevation 6104

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.

Date September 14, 1955 Signed J. J. J. Case Title Petroleum Engineer

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

Commenced drilling July 7, 1955 Finished drilling July 22, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2020 to 2095 (G) No. 4, from 4995 to 5155 (G)
 No. 2, from 4465 to 4610 (G) No. 5, from _____ to _____
 No. 3, from 4610 to 4995 (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—	
2 5/8	25.4	P.E.	S.E.	162	Howco				Surface
7"	20#	8 RD	J-55	4410	Baker				Prod. Csg.
2"	4.7	8 RD	J-55	5164					Prod. Tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
2 5/8	173'	125	Circulated		
7	4420'	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 Drilled

Rotary tools were used from 0 feet to 4420 feet, and from 4420 feet to 5180 feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

..... July 24....., 19 55 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 3,758,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. -----1113-----

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	1175	1175	Tan cr-grn ss w/thin sh breaks.
1175	1600	625	Variegated sh w/thin ss breaks.
1600	2155	355	Tan to gry cr-grn ss interbedded w/gry sh.
2155	2205	50	Ojo Alamo ss. White cr-grn s.
2205	2625	420	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2625	2820	195	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2820	2895	75	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2895	4465	1570	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4465	4610	145	Cliff House ss. Gry, fine-grn, dense sil ss.
4610	4995	385	Menefee form. Gry, fine-grn s, carb sh & coal.
4995	5155	160	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5155	5180 TD	25	Mancos formation. Gry carb sh.

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

HISTORY OF OIL OR GAS WELL

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

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.

7-21-55 Total Depth 4620'. Sandoil fractured Cliff House from 4420' to 4620' with 14,200 gallons oil and 11,000' sand. Breakdown pressure 1500#, maximum pressure 1850#, average treating pressure 1300#, injection rate 6.75 bbls./min. Flush 177 gallons. Natural page 761 MCF/D

7-23-55 Sandoil Point Lookout Total Depth 5180'. Retainer set at 4800', interval treated 4890' - 5180' with 13,650 gallons oil and 12,500# sand. Flush 2000 gallons. Injection rate 8.1 bbls./min. Maximum pressure 2100#, Breakdown pressure 1500#, treating pressure 1900-2100#, Natural gauge Point Lookout 220 MCF/D, Cliff House 2-day 1710 MCF/D.