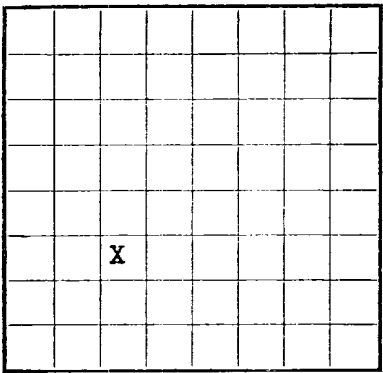


U. S. LAND OFFICE New Mexico
SERIAL NUMBER 03583
LEASE OR PERMIT TO PROSPECT 14-08-001-1051

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. 37 Sec 6 T. 27N R. 6W Meridian NMPM County Rio Arriba
Location 1650 ft. (N.) of 3 Line and 1650 ft. (E.) of W Line of Section 6 Elevation 6165'
(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 D. E. Dewe

Date November 14, 1955 Title Petroleum Engineer

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

Commenced drilling 9-20-55, 19 Finished drilling 10-5-55, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2810 to 2885 G No. 4, from 5015 to 5143 G
No. 2, from 4452 to 4586 G No. 5, from _____ to _____
No. 3, from 4586 to 5015 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#	P.E.	S.W.	161'	Howco				Surface
7"	20#	8 RD	J-55	2887'	Baker				Intermediate
5 1/2"	15.50#	8 RD	J-55	5155'	Baker				Prod. Csg.
2"	4.7#	8 RD	J-55	5122'					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"	171'	150	Circulated		
7"	2897'	250	Single Stage		
5 1/2"	5165'	170	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 2900 feet, and from 2900 feet to 5165 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

10-12-55, 19 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 4,742,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1095

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	935	935	Tan cr-grn ss w/thin sh breaks.
935	1120	185	Variegated sh w/thin ss breaks.
1120	2041	921	Tan to gry cr-grn ss interbedded w/gry sh.
2041	2176	135	Ojo Alamo ss. White cr-grn s.
2176	2572	396	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2572	2810	238	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2810	2885	75	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2885	4452	67	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4452	4586	1567	Cliff House ss. Gry, fine-grn, dense sil ss.
4586	5015	429	Menefee form. Gry, fine-grn s, carb sh & coal.
5015	5143	128	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5143	5165 T.D.	22	Mancos formation. Gry carb sh.

FORMATION RECORD—Continued

[illegible]

HISTORY OF OIL OR GAS WELL

16-43064-2 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.

Oct. 9, 1955. Cleanout T.D. 5149'. Water fractured Point Lookout (through perf. 4 holes per foot). Interval treated 4970' - 5100' with 32,900 gallons water and 35,000# regular sand. Breakdown pressure 1350 psi, maximum pressure 1300 psi, Average treating pressure 1100 psi, Average injection rate 35 bbls./min. Flush 5200 gallons. Natural gage 90 MCF/D.

October 10, 1955. Plug back T.D. 4650'. Water fractured Cliff House (through perforations, 4 holes/ft.) Interval treated with 34,400 gallons water and 35,000# fine grain sand. Breakdown pressure none, maximum treating pressure 1500 psi, average treating pressure 1200 psi. Average Injection rate 35.7 bbls./min. Flush 4700 gallons. Natural gage 400 MCF/D.

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