

A 10x10 grid with a small dot at (3, 4) and an 'X' at (7, 8).



U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078147
LEASE OR PERMIT TO PROSPECT _____

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 Moore Field Blanco State New Mexico
 Well No. 4 Sec. 23 T. 32N R. 12W Meridian NMPM County San Juan
 Location 990 ft. ~~xxx~~ of N Line and 1650 ft. ~~xxx~~ of E Line of Section 23 Elevation 6278
(Check for relative location)

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 **June 2, 1955** Signed _____ Title **Petroleum Engineer**

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

Commenced drilling March 3, 19 55 Finished drilling March 20, 19 55

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2765	to 2824 (G)	No. 4, from 5078	to 5275 (G)
No. 2, from 4547	to 4650 (G)	No. 5, from	to
No. 3, from 4650	to 5078 (G)	No. 6, from	to

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, 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.	162'	Howco				Surface
7 1/2"	12.8#	8 RD	J-55	996'	Howco				Brook. Log
2"	4.7#	8 RD	J-55	5248'	Howco				Brook. Log

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	174'	125	Circulated		
7"	5035'	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

TOOLS USED

Rotary tools were used from 0 feet to 5035 feet, and from 5035 feet to 5280 feet

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

DATES

March 22, 1955 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 4,653,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. ----- 1076 -----

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	525	525	Tan cr-grn ss w/thin sh breaks.
525	1065	540	Variegated sh w/thin ss breaks.
1065	1570	505	Tan to gry cr-grn ss interbeddedw/gry sh.
1570	1687	117	Ojo Alamo ss. White cr-grn s.
1687	2284	597	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2284	2765	481	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2765	2824	59	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2824	4547	1723	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4547	4650	103	Cliff House ss. Gry, fine-grn, dense sil ss.
4650	5078	428	Menefee form. Gry, fine-grn s, carb sh & Coal.
5078	5275	197	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5275	5280	5	Mancos formation. Gry carb sh.

[illegible]

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

[illegible]

The statement on this page is for the completion of the well at above date.

OUT OF THE SINKS OR ZONES

NO. 10 25th ST. NO. 20

[illegible]

2009 : SECONDE PARTIE

.....	W		MOI, & eZ		MOI, & eZ
.....	W		MOI, & eZ		MOI, & eZ

Test # 21, 1965 Sand-off fracture point took out 5035 - 5280 with 14,000 gallons oil & 12,700# sand. Breakdown pressure 1300 psi, maximum pressure 1500 psi, flush 2400 gallons. Natural gas flow rate 10.4 bbls./min.

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

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