

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 080668
LEASE OR PERMIT TO PROSPECT _____
14-08-001-1054

A 10x10 grid with an 'X' in the 3rd column and 3rd row from the bottom-left corner.



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

F OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, N.M.
Lessor or Tract San Juan 27-4 Unit Field Wildcat State New Mexico
Well No. 7 Sec. 9 T. 27N R. 4W Meridian NMPM County Rio Arriba
Location 990 ft. {N.} of S. Line and 1700 ft. {E.} of W. Line of Section 9 Elevation 6722'
Box W (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 _____ *A. F. Cowart*

Date August 28, 1956 Title Petroleum Engineer

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

Commenced drilling 5-13-56, 1956 Finished drilling 6-7-56, 1956

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 3595	to 3630 (G)	No. 4, from 5732	to 5894 (G)
No. 2, from 5373	to 5467 (G)	No. 5, from 7792	to 8060 (G)
No. 3, from 5467	to 5732 (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—	
13 3/8"	54#	8 RD	J-55	194'	Howco				Surface
9 5/8"	30	8 RD	J-55	1286'					
9 5/8"	36	8 RD	J-55	2459'	Baker				Intermediate
5 1/2"	14	8 RD	N-80	2696'					
5 1/2"	15.5	8 RD	J-55	5369'	Howco				Prod. Csg.
2"	4.7	8 RD	J-55	8001'					Prod. Tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	206'	200	Circulated		
9-5/8"	3755'	250	Single Stage		
5-1/2"	8073'	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 3755 feet, and from 3755 feet to 6073 feet Gas Drilled

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

DATES

-----~~6-26-56~~-----, 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 1,061,000 ^{A.O.F. - 2,131 MCF/D.} Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. -----1824-----

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2965	2965	Tan to gry cr-grn ss interbedded w/gry sh.
2965	3153	188	Ojo Alamo ss. White cr-grn s.
3153	3340	187	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3340	3595	255	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3595	3630	35	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3630	5373	1743	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5373	5467	94	Cliff House ss. Gry, fine-grn, dense sil ss.
5467	5732	265	Manefee form. Gry, fine-grn s, carb sh & coal.
5732	5894	162	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5894	7682	1788	Mancos formation. Gry carb sh.
7682	7750	68	Greenhorn form. Highly calc gry shale w/thin ls
7750	7792	42	Granceros form. Dk gry shale, fossil & carb w/prite incl.
7792	8060	268	Dakota form. Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & sh bk
8060	8073	13	Morrison form. Interbed green brn and red waxy sh & fr to cr grn sk.

