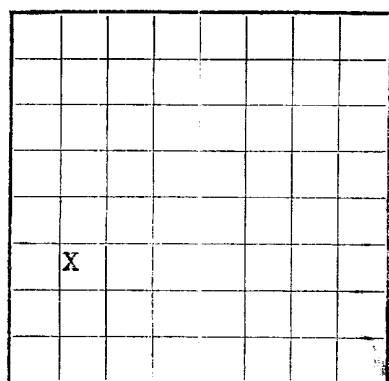


U. S. LAND OFFICE New Mexico
SERIAL NUMBER 010516
LEASE OR PERMIT TO PROSPECT 14-08-001-949UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract San Juan 25-5 Unit Field Blanco State New Mexico
Well No. 12 Sec. 7 T2N R. 5W Meridian NMPM County Rio Arriba
Location 1500 ft. N. of S. Line and 802 ft. E. of W. Line of Sec. 7 Elevation 6624'
(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 J. F. O'NeilDate August 29, 1956 Title Petroleum Engineer

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

Commenced drilling 6-25-56, 19____ Finished drilling 7-13-56, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3510 to 3564 (G) No. 4, from 5668 to 5828 (G)
No. 2, from 5290 to 5386 (G) No. 5, from _____ to _____
No. 3, from 5386 to 5668 (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—	
10 3/4"	32.75	P.E.	S.W.	162'	Howco				Surface
7 5/8"	26.4	8 RD	J-55	3602'	Baker				Intermediate
5 1/2"	15.5	8 RD	J-55	5860'	Baker				Prod. Csg.
2"	4.7	8 RD	J-55	5734'					Prod. Tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	175'	125	Circulated		
7 5/8"	3614'	250	Single Stage		
5 1/2"	5870'	300	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

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

DATES

_____ 7-13-56 _____, 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 5,011,000 A.O.F. 8.591 MCF/D Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1034

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2842	2842	Tan to gry cr-grn ss interbedded w/gry sh.
2842	2912	70	Ojo Alamo ss. White cr-grn s.
2912	3190	278	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3190	3510	320	Fruitland form. Gry carb sh, scattered coals
3510	3564	54	coals and gry, tight, fine-grn ss.
3564	5290	1726	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
5290	5386	96	Lewis formation. Gry to whitenedense sh
5386	5668	282	w/silty to shaly ss breaks.
5668	5828	160	Cliff House ss. Gry, fine-grn, dense sil ss.
5828	5870	42	Manefee form. Gry, fine-grn s, carb sh & coal.
			Point Lookout form. Gry, very fine sil ss
			w/frequent sh breaks.
			Mancos formation. Gry carb sh.

