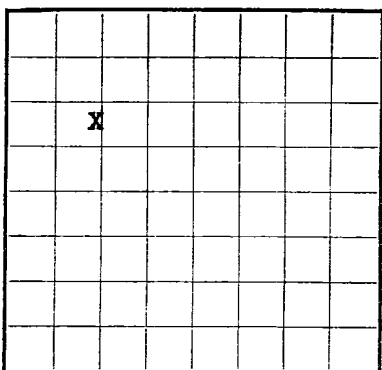




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078422
LEASE OR PERMIT TO PROSPECT _____UNITED 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 Huerfano Unit Field W. Kutz P.C. State New Mexico
Well No. 78 Sec. 31 T. 27N R. 10W Meridian NMPM County San Juan
Location 1800 ft. XXX of N Line and 1170 ft. E of W Line of Section 31 Elevation 6092'
(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 W. F. CourtDate September 6, 1956 Title Petroleum Engineer

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

Commenced drilling 7-17-56, 19____ Finished drilling 7-19-56, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1655 to 1793 (G) No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ 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"	25.1#	8-5/8"	G.H.	121'	Harco	Surface			Surface
5-1/2"	12.5#	8-5/8"	G.H.	1795'	Harco	121'			121'
5-1/2"	12.5#	8-5/8"	G.H.	1795'	Harco	1795'			1795'
REMARKS: 1. 121' of 9-5/8" casing OK. 2. 1795' of 5-1/2" casing OK.									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	132'	100	Circulated		
5-1/2"	1795'	150	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 0 feet to 1795 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____
8-11-56

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 2,991,000 A.O.F. Gallons of gas per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 420

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	640	640	Tan to gry cr-grn ss interbedded w/gry sh.
640	713	73	Ojo Alamo ss. White cr-grn s.
713	1362	649	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
1362	1655	293	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
1655	1793	138	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
1793	1795	2	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OIL OR GAS SANDS OR ZONES

10	from 1.0%	10	from 1.0%
9	from 1.0%	9	from 1.0%
8	from 1.0%	8	from 1.0%

..... No. 1000



HISTORY OF OIL OR GAS WELL

[illegible][illegible][illegible]

of feet	and feet	of feet	and feet
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