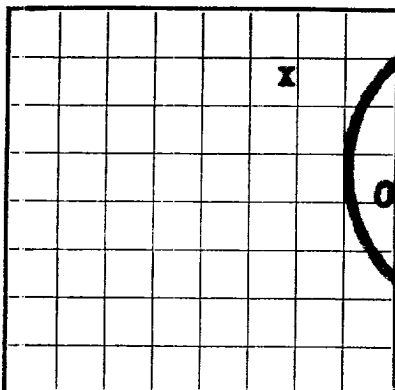




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079290-ALEASE OR PERMIT TO PROSPECT
14-08-001-459RECEIVED
AUG 3 1956
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract San Juan 28-7 Unit Field Manco State New Mexico
Well No. 51 Sec. 24 T. 28N R. 7W Meridian NMPM County Rio Arriba
Location 990 ft. Box of N Line and 1850 ft. Box of E Line of Section 24 Elevation 6580
(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.

Date July 31, 1956Signed [Signature]
Title Petroleum Engineer

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

Commenced drilling June 18, 19 56 Finished drilling July 1, 19 56

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3348 to 3401 (G) No. 4, from 5510 to 5644 (G)
No. 2, from 4980 to 5156 (G) No. 5, from 5156 to 5510 (G)
No. 3, from 5156 to 5510 (G) No. 6, from 5510 to 5644 (G)

IMPORTANT WATER SANDS

No. 1, from 3348 to 3401 No. 3, from 5156 to 5510
No. 2, from 4980 to 5156 No. 4, from 5510 to 5644

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"	22.75	8	S.H.	261	Howco				Surface
8 1/2"	15.5	8	S.H.	261	Howco				Intermediate
7 5/8"	13.5	8	S.H.	261	Howco				Prod. Log.
5 1/2"	10.5	8	S.H.	261	Howco				Prod. Log.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	176'	125	Circulated		
7 5/8"	3618'	250	Single Stage		
5 1/2"	5717'	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 0 feet to 3618 feet, and from 3618 feet to 5717 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

July 8, 1956, 19 _____ Put to producing _____, 19 _____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____%
emulsion; _____% water; and _____% sediment. A.O.F. - 8389 MCF/D. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours 4,635,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1069

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2428	2428	Tan to gry cr-grn ss interbedded w/gry sh.
2428	2618	190	Ojo Alamo ss. White cr-grn s.
2618	3012	394	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3012	3348	336	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3348	3401	53	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3401	4980	1579	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4980	5156	176	Cliff House ss. Gry, fine-grn, dense sil ss.
5156	5510	354	Menefee form. Gry, fine-grn s, carb sh & coal.
5510	5644	134	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5644	5717	73	Mancos formation. Gry carb sh.

