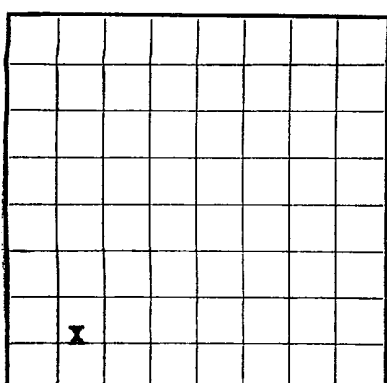
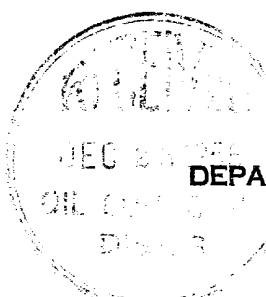




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079050-C
LEASE OR PERMIT TO PROSPECT

14-08-001-1051

RECEIVED
NOV 1 1955
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 28-6 Unit Field Blanco State New Mexico
Well No. 31 Sec. 28 T. 28N R. 6W Meridian NMPM County Rio Arriba
Location 990 ft. N. of S. Line and 990 ft. E. of W. Line of Section 28 Elevation 6635'
(Derrick base 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

Twelth U. U. U. U. U.Date October 27, 1955Title Petroleum Engineer

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

Commenced drilling August 27, 1955 Finished drilling September 10, 1955**OIL OR GAS SANDS OR ZONES**

No. 1, from 3398 to 3466 (G) No. 4, from 5553 to 5689 (G)
No. 2, from 5046 to 5182 (G) No. 5, from 5182 to 5553 (G)
No. 3, from 5182 to 5553 (G) No. 6, from 5553 to 5689 (G)

IMPORTANT WATER SANDS

No. 1, from 3398 to 3466 (G) No. 3, from 5182 to 5553 (G)
No. 2, from 5046 to 5182 (G) No. 4, from 5553 to 5689 (G)

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Get and pulled from	Perforated	Purpose
9 5/8"	36#	8 RD	J-55	167'	Howco	Surface		Surface
7"	28#	8 RD	J-55	167'	Howco	Surface		Surface
5 1/2"	18#	8 RD	J-55	167'	Howco	Surface		Surface
2"	4.7#	8 RD	J-55	5663'				Prod. Tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	179'	125	Circulated		
7"	3470'	250	Single Stage		
5 1/2"	5722	190	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**Gas Drilled**

Rotary tools were used from 0 feet to 3470 feet, and from 3470 feet to 5725 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

9-21-55, 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 5,369,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1060**EMPLOYEES**

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	410	410	Tan cr-grn ss w/thin sh breaks.
410	600	190	Variegated sh w/thin ss breaks.
600	2460	1860	Tan to gry cr-grn ss interbedded w/gry sh.
2460	2745	285	Ojo Alamo ss. White cr-grn s.
2745	3060	315	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3060	3398	338	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3398	3466	68	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3466	5046	1580	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5046	5182	136	Cliff House ss. Gry, fine-grn, dense sil ss.
5182	5553	371	Menefee form. Gry, fine-grn s, carb sh & coal.
5553	5689	136	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5689	5725 T.D.	36	Mancos formation. Gry carb sh.

E9021—

10—

EOLVPLNG

(OVER)

EOLVPLNG

16-43094-3

FORMATION RECORD—CONTINUED

