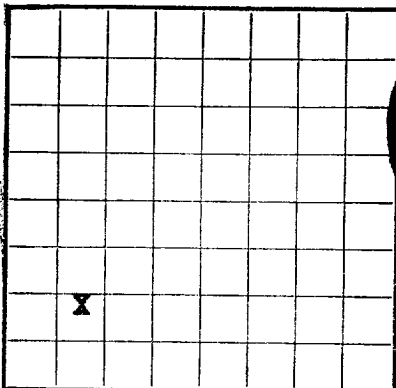
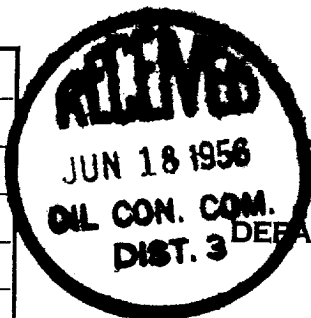




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078146

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 Newberry Field Blanco State New Mexico
Well No. 4 Sec. 9 T. 31N R. 12W Meridian NMPM County San Juan
Location 800 ft. N. of S Line and 800 ft. E. of W Line of Section 9 Elevation 6089'
(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 William U. Alcala
Title Petroleum EngineerDate April 20, 1956

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

Commenced drilling February 20, 19 56 Finished drilling March 6, 19 56

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2526 to 2618 (g) No. 4, from 4829 to 4970 (g)
No. 2, from 4145 to 4295 (g) No. 5, from 4295 to 4829
No. 3, from 4829 to 4970 (g) No. 6, from 4970 to 5130

IMPORTANT WATER SANDS
No. 1, from 2526 to 2618 No. 3, from 4829 to 4970
No. 2, from 4145 to 4295 No. 4, from 4829 to 4970

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Used from	Perforated From	To	Purpose
9 5/8"	25.44	P.E.	S.W.	161'	Howco			Surface
7"	23.44	8 RD	J-55	512'				
5 1/2"	14.74	8 RD	J-55	5061'				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"	172'	125	Circulated		
7"	4720	300	Single Stage		
5 1/2"	4653-5130	100	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

TOOLS USED

Gas Drilled

Rotary tools were used from 0 feet to 4720 feet, and from 4720 feet to 5130 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

March 13, 19 56 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 27,100 Absolute open flow Gallons gasoline per 1,000 cu. ft. of gas 6546 ACF (34)

Rock pressure, lbs. per sq. in. 1047

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	200	200	Tan cr-grn ss w/ thin sh breaks.
200	505	305	Variegated sh w/ thin ss breaks.
505	695	190	Tan to gry cr-grn ss interbedded w/ gry sh.
695	753	58	Ojo Alamo ss. White cr-grn s.
753	2040	1287	Kirtland form. Gry sh interbedded w/ tight gry fine-grn ss.
2040	2526	486	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2526	2618	92	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2618	4145	1527	Lewis formation. Gry to white dense sh w/ silty to shaly ss breaks.
4145	4295	150	Cliff House ss. Gry, fine-grn, dense silt ss.
4295	4829	534	Manefee form. Gry, fine-grn s, carb sh & coal.
4829	4970	141	Point Lookout form. Gry, very fine silt ss w/ frequent sh breaks.
4970	5130	160	Mancos formation. Gry carb sh.

FROM—

TO—

TOTAL FEET

[OVER]

FORMATION

16-42004-8

FORMATION RECORD—Continued

