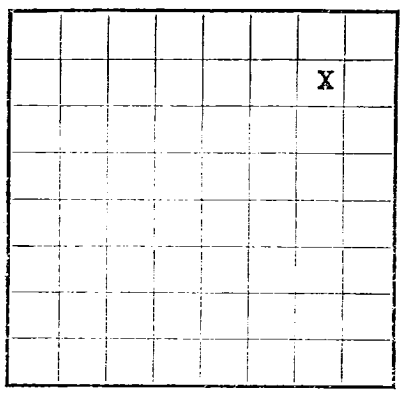
Form 9-330

Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078129
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

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 Pierce Field Blanco State New Mexico
Well No. 3 Sec. 7 T. 30N R. 9W Meridian NMPM County San Juan
Location 989 ft. [N.] of N Line and 990 ft. [W.] of E Line of Section 7 Elevation 6374 (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 R. C. Wynn

Date February 9, 1956 Title Petroleum Engineer

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

Commenced drilling October 15, 1955 Finished drilling October 27, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3085 to 3113 G No. 4, from 5290 to 5465 G
No. 2, from 4708 to 4900 G No. 5, from
No. 3, from 4900 to 5290 G No. 6, from

RECEIVED FEB 23 1956 OIL CON. COM. DIST. 3

IMPORTANT WATER SANDS

No. 1, from to No. 3, from to
No. 2, from to No. 4, from

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
9 5/8"	25.4#	P.E.	S.W.	163'	Halco				Surface
7"	20#	8 RD	J-55	3139'	Baker				Intermediate
5 1/2"	15.50#	8 RD	J-55	5480'	Baker				Prod. Csg.
2"	4.7#	8 RD	J-55	5435'					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"	177'	150	Circulated		
7"	3145'	250	Single Stage		
5 1/2"	5490'	240	Single Stage		

FOLD MARK

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 3145 feet, and from 3145 feet to 5490 feet (Gas Drilled)
Cable tools were used from feet to feet, and from feet to feet

DATES

November 5, 1955 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 6,622,000 Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in. 1024

EMPLOYEES

, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	370	370	Tan cr-grn ss w/thin sh breaks.
370	895	525	Variegated sh w/thin sh breaks.
895	1795	900	Tan to bry cr-grn ss interbedded w/gry sh.
1795	1950	155	Ojo Alamo ss. White cr-grn s.
1950	2733	783	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2733	3085	352	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3085	3113	28	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3113	4708	1595	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4708	4900	192	Cliff House ss. Gry, fine-grn, dense sil ss.
4900	5290	390	Menefee form. Gry, fine-grn s, carb sh & coal.
5290	5465	175	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5465	5490 T.D.	35	Mancos formation. Gry carb sh.

[OVER]

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

11-2-55 Water fractured Point Lookout intervals 5459-5462, 5449-5455, 5437-5440, 5430-5406, 5360-5338, 5359-5362 & 5310-5330. Treated 51,500 gallons water with 50,000# sand. Maximum pressure 1500 psi, BDP 1350 psi. Average treating pressure 1400 psi, Injection rate 63.7 bbls./min. Flush 5500 gallons. Natural gage 88 MCF/D.

11-3-55 Set Baker B.P. at 5200'. Perforated with 4 Jet shots/ft. 4904-4890, 4876-4886, 4838-4854, 4820-4740, & 4706-4716. Treated same interval with 45,800 gallons water with 48,500# sand. BDP 1200 psi, average treating pressure 1400 psi, maximum pressure 3000 psi, Screened out when 1200 gallons flushed in. Injection rate 67 bbls./min. Natural gage 280 MCF/D.