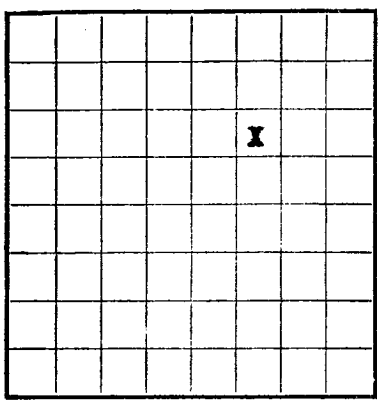
Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.

Form 9-330

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 0607
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 Atlantic Field Blanco State New Mexico
Well No. 5-C Sec. 6 T. 30N R. 10W Meridian NMPM County San Juan
Location 1750 ft. {N.} of N Line and 1650 ft. {W.} of E Line of Section 6 Elevation 6107'
(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 D.C. Johnston

Date May 9, 1955 Title Petroleum Engineer

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

Commenced drilling February 10, 1955 Finished drilling March 3, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2742 to 2865 (G) No. 4, from 4945 to 5082 (G)
No. 2, from 4343 to 4554 (G) No. 5, from to
No. 3, from 4554 to 4945 (G) 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 From	Perforated To	Purpose
9 5/8"	25.4#	P.E.	S.W.	160'	Howco				Surface
7"	20#	8 RD	J-55	4900'	Baker				Prod. Csg.
2"	4.7#	8 RD	J-55	5077'					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"	170'	125	Circulated		
7"	4900'	500	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 4900 feet, and from 4900 feet to 5110 feet
Gas Drilled
Cable tools were used from feet to feet, and from feet to feet

DATES

March 4, 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 5,100,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 1092

EMPLOYEES

, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
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0	458	458	Variegated sh w/thin ss breaks.
458	1310	852	Tan to gry cr-grn ss interbedded w/gry sh.
1310	1460	150	Ojo Alamo ss. White cr-grn s.
1460	2342	882	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2342	2742	400	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2742	2865	123	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2865	4343	1478	Lewis form. Gry to white dense sh w/silty to shaly ss breaks.
4343	4554	211	Cliff House ss. Gry, fine-grn, dense sil ss.
4554	4945	391	Menefee form. Gry, fine-grn s, carb sh & coal.
4945	5082	137	Point Lookout form. Gry, very fine-sil ss w/frequent sh breaks.
5082	5110 T.D.	28	Mancos formation. Grycarb sh.

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
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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.

On March 3, 1955, total depth 5110'. Sandoil fractured Point Lookout 4900-5110' with 18,100 gallons of diesel oil with 14,300# sand. Breakdown pressure 1500 psi, maximum pressure 2400 psi, injection rate 6.6 bbls./min. Flush 1500 gallons. Natural gage 805 MCF/D.