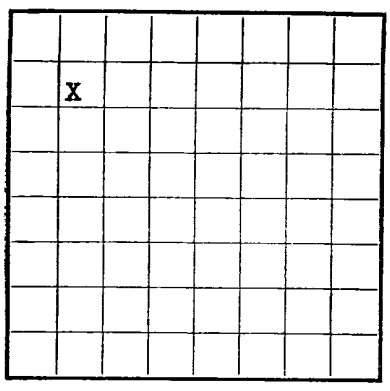
Form 9-330

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

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 03380
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Florance Field So. Blanco P.C. State New Mexico
Well No. 3-D Sec. 17 T. 27N R. 8W Meridian NMPM County San Juan
Location 990 ft. {N. / S.} of N Line and 990 ft. {E. / W.} of W Line of Section 17 Elevation 6825'
(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 W. F. Covert

Date November 14, 1955 Title Petroleum Engineer

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

Commenced drilling 9-12-55, 19 Finished drilling 10-6-55, 19

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 2870 to 2940 G No. 4, from to
No. 2, from to No. 5, from to
No. 3, from to 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.	121'	Howco				Surface
7"	20#	8 RD	J-55	2870'	Baker				Prod. Csg.
1"	1.68#	10 RD	Std.Blk.	2907'					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"	133'	100	Circulated		
7"	2880'	150	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 2890 feet, and from feet to feet
Cable tools were used from 2890 feet to 2940 feet, and from feet to feet

DATES

10-9-55, 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 590,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 824

EMPLOYEES

, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	870	870	Tan cr-grn ss w/thin sh breaks.
870	1470	600	Variegated sh w/thin ss breaks.
1470	1865	395	Tan to gry cr-grn ss interbedded w/gry sh.
1865	2077	212	Ojo Alamo ss. White cr-grn s.
2077	2638	561	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2638	2870	232	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2870	2925	55	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2925	2940 T.D.	15	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.

[OVER]

16—43094-3

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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.

10-7-55 T.D. 2940'. Water fractured Pictured Cliff from 2880' to 2940' with 17,500 gallons water and 20,000# sand. Breakdown pressure 780#, maximum pressure 870#, Treating pressure 750#. Injection rate 48.8 bbls./min. Flush 5000 gallons. Natural gage 108 MCF.