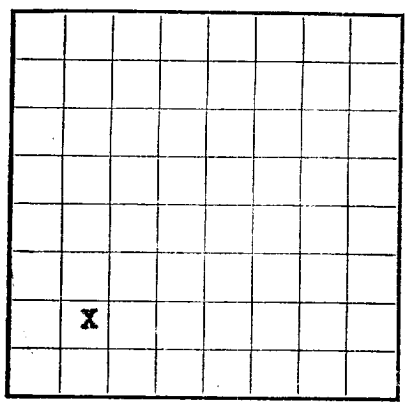
Form 9-330

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

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078146
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 Newberry Field Blanco State New Mexico
Well No. 2 Sec. 34 T 32N R. 12W Meridian NMPM County San Juan
Location 1140 ft. {N.} of S Line and 890 ft. {E.} of W Line of Section 34 Elevation 6114'
(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 March 15, 1955 Title Petroleum Engineer

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

Commenced drilling February 9, 19 55 Finished drilling February 25, 19 55

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2562 to 2639 (G) No. 4, from 4870 to 5050 (G)
No. 2, from 4175 to 4410 (G) No. 5, from to
No. 3, from 4410 to 4870)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	S.W.	Armco	161'	Howco				Surface
7	23	8 RD	J-55	4805'	Baker				Prod.Csg.
7	20	8 RD	J-55	5797'					
2"	4.7#	8 RD	Youngstown	5032'					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	4805'	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 4805 feet, and from 4805 feet to 5074 feet (Gas Drilled)
Cable tools were used from feet to feet, and from feet to feet

DATES

February 26, 19 55 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 4,474,000 Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in. 1084

EMPLOYEES

, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	565	565	Tan cr-grn ss w/thin sh breaks.
565	1090	525	Variegated sh w/thin ss breaks.
1090	1513	423	Tan to gry cr-grn ss interbedded w/gry sh.
1513	1590	77	Ojo Alamo ss. White cr-grn ss.
1590	2145	555	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2145	2562	417	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2562	2639	77	Pictured Cliffs form. Gry, fine-grn, tight varicolored soft ss.
2639	4175	1536	Lewis form. Gry to white dense sh w/silty to shaly ss breaks.
4175	4410	235	Cliff House ss. Gry, fine-grn, dense sil ss.
4410	4870	460	Menefee formation. Gry, fine-grn s, carb sh and coal.
4870	5050	180	Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks.
5050	5074	24	Mancos form. Gry carb sh.

FOLD | MARK

16—43094-3

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.

February 26, 1955, total depth 5074'. Sand-oil fractured Point Lookout from 4805' to 5074' with 13,500 gallons oil and 10,000# sand. Breakdown pressure 1650#, Maximum pressure 1650#, Injection rate 10.5 bbls./min. Flush 2100 gallons. Natural gage 206 MCF/D.