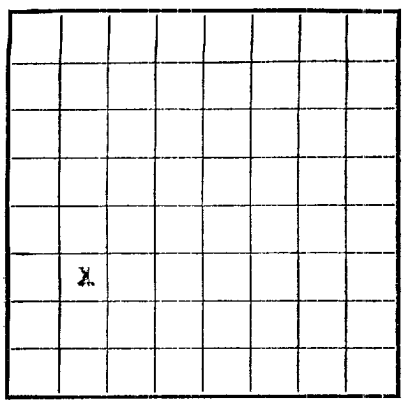
Form 9-330

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

U. S. Land Office Santa Fe
Serial Number 079304
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 Rincon Unit Field So. Blanco P.C State New Mexico

Well No. 29 Sec. 31 T. 27N R. 6W Meridian NMPM County Rio Arriba

Location 1650 ft. {N.} of S Line and 990 ft. {E.} of 1 Line of Section 31 Elevation 6650'
(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 October 17, 1955 Title Petroleum Engineer

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

Commenced drilling July 25, 19 55 Finished drilling September 1, 19 55

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 3021 to 3087 (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#	F.E.	S.S.	122'	Howco				Surface
5 1/2	15.50	8 Rd	J-55	3025'	Baker				Prod. Csg.
1	1.66#	10 Rd	Std. Blk.	3070'					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	132'	100	Circulated		
5 1/2	3021'	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 3092 feet, and from ____ feet to ____ feet

Cable tools were used from 3092 feet to 3092 feet, and from ____ feet to ____ feet

DATES

September 3, 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 4,563,000 Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. 965

EMPLOYEES

____, Driller ____, Driller

____, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1150	1150	Tan cr-grn ss w/thin sh breaks.
1150	1625	475	Variegated sh w/thin ss breaks.
1625	2155	530	Tan to gry cr-grn ss interbedded w/gry sh.
2155	2349	195	Ojo Alamo ss. White cr-grn ss.
2349	2761	421	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2761	3021	260	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3021	3087	66	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3087	3092	5	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.

FOLD

MARK

[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.

Sept. 2, 1955. Total Depth 3092'. Sandfiled Pictured Cliffs from 3026' to 3092' with 8700 gallons oil and 16,000# sand. Breakdown pressure 2000#, maximum pressure 2000#, average treating pressure 1400#, Injection rate 28.6 bbls./min. Flush 3000 gallons. Natural gage 85 MCF/D.