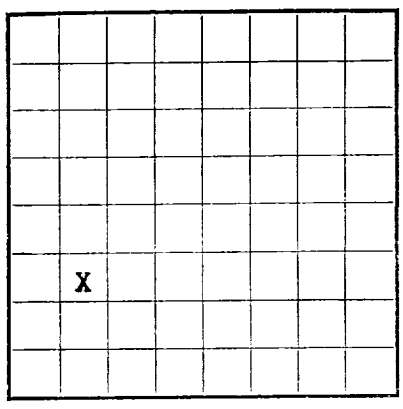
Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

Form 9-330

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078909
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 Lindrith Unit Field Wildcat State New Mexico
Well No. 7 Sec. 21 T. 24N R. 2W Meridian NMPM County Rio Arriba
Location 1650 ft. {N./S.} of S Line and 1090 ft. {E./W.} of W Line of Section 21 Elevation 7169'
(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 F. B. Boyd

Date July 27, 1956 Title Petroleum Engineer

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

Commenced drilling May 28, 1956 Finished drilling June 3, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3115 to 3160 (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
5 1/2"	15.5#	8 RD	J-55	3170'	Baker				Prod.Csg.
2"	4.7#	8 RD	J-55	3108'					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		
5 1/2"	3180'	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 3180 feet, and from ____ feet to ____ feet
Cable tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

DATES

7-8-56, 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 1,036,000 A.O.F.-1052 MCF/D. Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. 921

EMPLOYEES

____, Driller ____, Driller
____, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2698	2698	Tan to gry cr-grn ss interbedded w/gry sh.
2698	2862	164	Ojo Alamo ss. White cr-grn s.
2862	2955	93	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2955	3115	160	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3115	3160	45	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3160	3180	20	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.

[OVER]

16—43094-4

FOLD MARK

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.

7-5-56 Perforated Pictured Cliffs with 4 Jet/ft. Intervals 3104-3123, 3134-3143, water fractured with 55,620 gallons water and 60,000# sand. Flushed with 3200 gallons water, ~~Injection~~ rate 55.6 BPM. BDP 1400#, Average treating pressure 1400#. Maximum pressure 2000#.