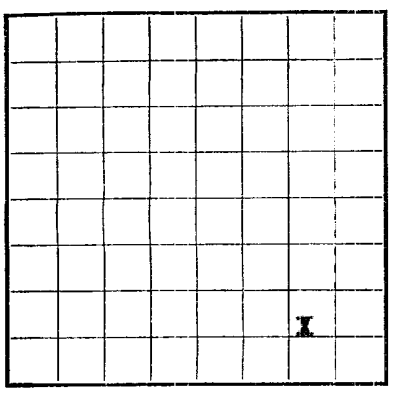
Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

Form 9-330

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 03560
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 990, Farmington, New Mexico
Lessor or Tract San Juan 28-7 Unit Field So.Blanco P. C. State New Mexico
Well No. 120 Sec. 29 T. 27-N R. 7-W Meridian N.M.P.M. County Rio Arriba
Location 800 ft. {N. / S.} of S Line and 1090 ft. {E. / W.} of E Line of Section 29 Elevation 6653 (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

Date November 7, 1960 Title Petroleum Engineer

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

Commenced drilling 8-28-, 1960 Finished drilling 9-1-, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2918 to 3000 (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"	36	8 Rd.	J-55	106	Bowen				surface
5 1/2"	15.5	8 Rd.	J-55	3017	Baker				prod casing
1 1/4"	2.4	8 Rd.	J-55	2941					prod tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	116	90	circulated		
5 1/2"	3027	50	single stage		

FOLD MARK

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 3029 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

9-16-60, 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 4,059,000 Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in. 783 A.O.F. 4904 MCF/D

EMPLOYEES

, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2107	2107	Tan to gry cr-grn ss interbedded w/gry sh.
2107	2263	156	Ojo Alamo ss. White cr-grn s.
2263	2731	468	Kirtland form Gry sh interbedded w/tight gry fine-grn ss.
2731	2918	187	Fruitland form Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2918	3000	82	Pictured Cliffs forms Gry, fine-grn, tight varicolored soft ss.
3000	3029	29	Lewis form. Gry, fine-grn, dense sil ss.

[OVER]

16—48094-4

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.

2918-34;2944-60;
(2 SPF)

Frac Pictured Cliffs perfs w/33,600 gal water, 30,000 # 10-20 sand. Flushed w/3,360 gal. IR 39.5 BPM. Max. & ESP 3150. Treating pressure 1200-1200-1300-1400-1550-1800 #. 6 stages Dropped 5 sets of 10 balls each. Used 1 % calcium chloride in all frac water. Spotted 200 gal Spearhead acid before perf.