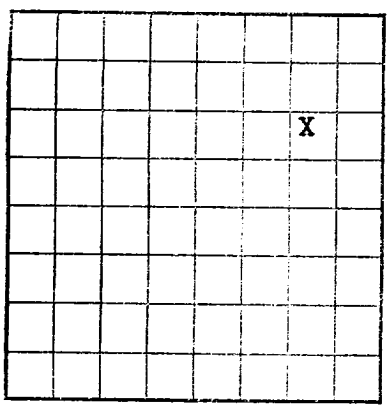
Form 9-380

Budget Bureau No. 42-R355.2.
Approval expires 12-31-52.

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078200-A
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 P.O. Box 997, Farmington, New Mexico
Lessor or Tract Grambling Field Blanco-La Plata State New Mexico
Well No. 3-C Sec. 12 T. 30N R. 10W Meridian N.M.P.M. County San Juan
Location 1750 ft. {N. / S.} of N Line and 1090 ft. {E. / W.} of E Line of Section 12 Elevation 6319' (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 21, 1952 Title Petroleum Engineer

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

Commenced drilling 4-19, 1952 Finished drilling 9-22, 1952

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3030 to 3085 (G) No. 4, from 5247 to 5450 (G)
No. 2, from 4650 to 4849 (G) No. 5, from to
No. 3, from 4849 to 5247 (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	36#	8	Spang	164'	HOWCO				Surface
7	20#	8	Spang	4599'	HOWCO				Prod.
2-3/8	4.7#	8	Youngs	5419'					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	164'	125	Circulated		
7	4599'	300	Single Stage		

FOLD HERE

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
Qts	Reg.	S.N.G.	1605	9-23-52	4660-5460	5460'

TOOLS USED

Rotary tools were used from 0 feet to 4599 feet, and from 4599 feet to 5460 feet (Gas drilling)
Cable tools were used from feet to feet, and from feet to feet

DATES

9-24, 1952 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 5,122,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 1,081

EMPLOYEES

, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	346	346	Tan cr-gr ss w/thin sh breaks.
346	1088	742	Varieg sh w/thin ss breaks.
1088	1726	638	Tan to gry cr-gr ss interbedded w/gry sh.
1726	1831	105	Ojo Alamo sandston. White cr-gr sd. T/Ojo 1726.
1831	2671	840	Kirtland formation. Gry sh interbedded w/tight gry f-gr ss. T/Kirtland 1831.
2671	3030	359	Fruitland formation. Gry carb sh, scattered coal & gry, tight, f-gr ss. T/Fruitland 2671.
3030	3085	55	Pictured Cliffs formation. Gry, f-gr, tight, var soft ss. T/Pictured Cliffs 3030.
3085	4650	1565	Lewis formation. Gry to white dense sh w/silty to shly ss breaks. T/Lewis 3085.
4650	4849	199	Cliff House sandstone. Gry, f-gr, dense sil ss. T/Cliff House 4650.
4849	5247	398	Menefee formation. Gry, f-gr sd, carb sh & coal. T/Menefee 4849.
5247	5460 TD	213	Point Lookout formation. Gry, v f sil ss w/freq sh breaks. T/Point Lookout 5247.

(OVER)

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-1 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.