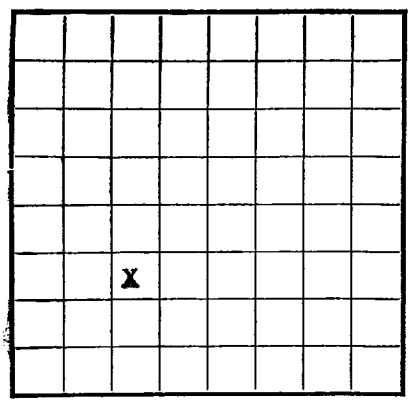
Form 9-330

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

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 080127
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

RECEIVED JAN 23 1959 U.S. GEOL. SURV. ROSWELL, N. MEX.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED JAN 2 1959 GEOLOGICAL SURVEY NEW MEXICO

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico

Lessor or Tract Huerfano Unit Field Ballard P.C.Ext State New Mexico

Well No. 100 Sec. 22 T. 26N R. 9W Meridian N.M.P.M. County San Juan

Location 1650 ft. [N.] of S Line and 1650 ft. [E.] of W Line of Section 22 Elevation 6382
(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 Original Signed F. H. WOOD

Date January 19, 1959 Title Petroleum Engineer

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

Commenced drilling 10-29, 1958 Finished drilling 10-31, 19 58

No. 1, from 1976 to 2088 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
8 5/8	24	8 Rd.	J-55	127	Bowco				Surface
5 1/2"	14	8 Rd.	J-55	2087	Bowco				Prod. Csg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	139	150	Circulated		
5 1/2"	2087	200	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 2088 feet, and from feet to feet

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

DATES

December 14, 1958 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 P & A Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

, Driller , Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1073	1073	Tan to gry cr-grn ss interbedded w/gry sh
1073	1260	187	Ojo Alamo ss. White cr-grn s.
1260	1680	420	Kirtland form. Gry sh interbedded w/tight gry fir
1680	1976	296	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
1976	2051	75	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2051	2088	37	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.

[OVER]

16—43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
0	1263	1263	Fill to Frt. Cr-Grn ss interbedded w/Brn sh
1263	1580	317	Cliff Ho. ss. White Cr-Grn s.
1580	1680	100	Menefee fm. Gry sh interbedded w/Cr-Brn
1680	1840	160	Point Lookout fm. Gry carb sh, scattered coal
1840	1870	30	Mancos sh. Gry to dk gry, crumbly, fine-grn ss.
1870	2074	204	Gallup fm. Dk gry sh & fine-grn ss. Scattered coal beds as shown.
2074	2088	14	Graneros sh. Blk fissile sh.
2088	2090	2	Dakota fm. Gry to white quartz ss with w/scattered coal beds as shown.

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			Drilled
			Drilled

EMPLOYEES

Rock Pressure, lbs. per sq. in. ____

Gallons gasoline per 1,000 cu. ft. of gas ____

Driller ____ Driller

Driller ____ Driller

DATES

Commenced drilling 12-3-58 Completed drilling 12-14-58

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 C. H. WOOD

Date December 15, 1958 Title Petroleum Engineer

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

Commenced drilling ____ Completed drilling ____

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

Rotary tools were used from 0 feet to 2090 feet, and from ____ feet to ____ feet

TOOLS USED

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

SHOOTING RECORD

Adapters—Material ____ Size ____

Hearing plug—Material ____ Length ____ Depth set ____

PLUGS AND ADAPTERS

Size	Kind	Material	Depth set	Make

CASING AND CEMENTING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
8 5/8	24	8 RD	J-55	151	Baker				Surface
5 1/2	15.5		J-55	1520	Guide shoe				Casing

Method used Mud fluid Amount of mud used

Fluid pressure Gravity Final pressure

Kind of shot Size Depth shot From To

Depth cleaned out

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS

Rotary tools were used from 0 feet to 2090 feet, and from ____ feet to ____ feet

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

DATES

Date of first production 12-14-58 Date well completed 12-14-58

The production for the first 24 hours was 0 barrels of fluid of which 0% was oil; 0%

emulsion; 0% water; and 0% sediment.

Gravity, °Bé. ____

If gas well, cu. ft. per 24 hours ____ Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. ____

EMPLOYEES

Driller ____ Driller

Driller ____ Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1263	1263	Fill to Frt. Cr-Grn ss interbedded w/Brn sh
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TOOLS

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

DATES

Date of first production 12-14-58 Date well completed 12-14-58

The production for the first 24 hours was 0 barrels of fluid of which 0% was oil; 0%

emulsion; 0% water; and 0% sediment.

Gravity, °Bé. ____

If gas well, cu. ft. per 24 hours ____ Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. ____

EMPLOYEES

Driller ____ Driller

Driller ____ Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			Fill to Frt. Cr-Grn ss interbedded w/Brn sh
			Cliff Ho. ss. White Cr-Grn s.
			Menefee fm. Gry carb sh, scattered coal
			Point Lookout fm. Gry sh interbedded w/Cr-Brn
			Mancos sh. Gry to dk gry, crumbly, fine-grn ss.
			Gallup fm. Dk gry sh & fine-grn ss.
			Graneros sh. Blk fissile sh.