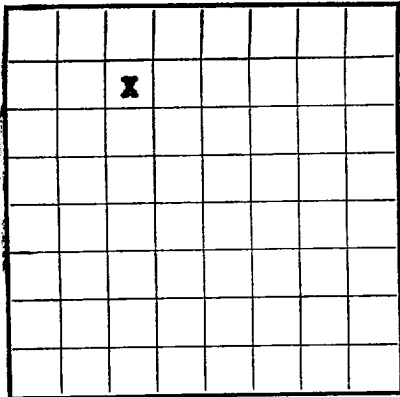


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078876
LEASE OR PERMIT TO PROSPECT _____



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 977, Farmington, New Mexico
Lessor or Tract Canyon Largo Unit Field Ballard P.C. Ext State New Mexico
Well No. 15 Sec. 30 T. 25N R. 7W Meridian N.M.P.M. County Rio Arriba
Location 800 ft. XXX of N Line and 1460 ft. E of W Line of Section 30 Elevation 6596'
(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 R. G. MILLER

Date November 12, 1958 Title Petroleum Engineer

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

Commenced drilling 6-11-, 19 58 Finished drilling 6-13-, 19 58

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2175 to 2260 (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	Thread	Grade	Length	Material	From	To	Purpose
8 5/8"	24	8 RA.	J-55	118'	Harco			Surface casing
5 1/2"	15.5	8 RA.	J-55	2278'	Harco			Production casing
1 1/4"	2.4	8 RA.	Grade A	2199'	Harco			Stem

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	193'	150	Circulated		
5 1/2"	2277'	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

TOOLS USED

Rotary tools were used from 0 feet to 2278 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

7-1-, 19 58 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 144,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 654 A.O.F.--144 MCF/D

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1432	1432	Tan to gry cr-grn ss interbedded w/gry sh.
1432	1617	185	Ojo Alamo ss. White cr-grn s.
1617	1959	342	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
1959	2175	216	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2175	2260	85	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2260	2278	18	Lewis formation. Gry to white dense sh w/sil to shaly ss breaks.

FORMATION RECORD—Continued

