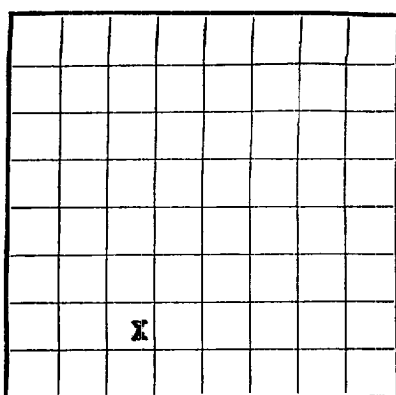


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079365-A
LEASE OR PERMIT TO PROSPECT _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
Lessor or Tract Rincon Unit Field San Blanco P.C. State New Mexico
Well No. 160 Sec. 23 T. 27N R. 6W Meridian N.M.P.M. County Rio Arriba
Location 1090 ft. [N] of No. Line and 1650 ft. [E] of W Line of Sec. 23 Elevation 160 (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.

Date January 23, 1962 Title Petroleum Engineer

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

Commenced drilling 10-23-, 19-61 Finished drilling 11-3-, 19-61

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 3155 ----- to 3231 (6) -----

No. 2, from ----- to -----

No. 3, from ----- to -----

No. 4, from ----- to -----

No. 5, from ----- to -----

No. 6, from ----- to -----

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	128	140	circulated		
2 7/8"	3394	190	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
11-7-61						
3259-61; 3280-88;		Frac P.C. w/30,000 gal water, 30,000# sand. NDP 2000#, max pr 4100#, avg tr pr 2700-3100-3200#. lit 17.7 BPM. Flush 1260 gal.				
3292-3100;						

TOOLS USED

Rotary tools were used from 0 feet to 3394 feet, and from feet to feet.

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

DATES

S.I. 11-15-----, 1961----- 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 1,567,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES A.O.F. 1598 MCF/D

_____, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2650	2650	Tan to gry cr-grn ss interbedded w/gry sh.
2650	2970	320	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2970	3155	185	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3155	3231	76	Pictured Cliffs Form. Gry, fine-grn, tight, varicolored soft ss.
3231	3394	163	Lewis form. Gry, fine-grn, dense sil ss.