

U. S. LAND OFFICE **Las Cruces, NM**SERIAL NUMBER **LC 054667**

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 **2005 Wilco Bldg., Midland, Texas**
Lessor or Tract **Gregory Federal** Field **Crosby-Devonian** State **New Mexico**
Well No. **4** Sec. **33** T. **25S** R. **37E** Meridian **NMPM** County **Lea**
Location **198** ft. **N** of **S** Line and **198** ft. **E** of **E** Line of **Sec. 33** Elevation **3208**
(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 **W. T. Wheeler, Jr.**
Title **Petroleum Engineer**Date **February 18, 1958**

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

Commenced drilling **November 17**, 19 **57** Finished drilling **January 13**, 19 **58**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **8316** to **8372 (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		Purpose
							From—	To—	
13 3/8 48			H-40	525'	Baker				Surface
9 5/8 38			H-40	430'	Baker				Intermediate
5 1/2 28			H-40	300'	Baker				Production
HISLOKA OIL OR GAS CV2 MEET									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8 539'		550 reg. cement	circulated		
9 5/8 3886'		100 reg. 430 units HYS400	circulated		
5 1/2 8460'		300 reg. w/4% gel	Plug		
		& 300 Diamix A			

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 _____ feet to **8461** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

February 18, 19 **58** Put to producing **Not 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 **20,750 MCF** Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **GOR 50,918 MCF/bbl**

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
	2400	2400	Anhydrite, salt & red bed
2400	3500	1100	Dolomite & Sand
3500	6400	2900	Dolomite
6400	7000	600	Limestone
7000	7500	500	Dolomite
7500	8100	600	Lime, Dolomite & Chert
8100	8300	200	Shale
8300	TD	161	Dolomite

Tops of Formations

Rustler 919
Salado 1148
Tansill 2304
Yates 2510
Queen 3123
San Andres 3655
Glorieta 5160
Base Permian 7709
Miss. Lime 7770
Woodford 8074

Devonian Dolomite 8283
Devonian Chert 8342
Silurian Lime 8411

