

U. S. LAND OFFICE **Santa Fe**SERIAL NUMBER **079519-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 **San Juan 28-5 Unit** Field **Basin Dakota** State **New Mexico**
Well No. **63** Sec. **20** T. **28N** R. **5W** Meridian **N.M.P.M.** County **Rio Arriba**
Location **990** ft. **[XX]** of **N** Line and **1650** ft. **[XX]** of **E** Line of **Section 20** Elevation **6759**
(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 H.E. McANALLY**Date **January 3, 1963** Title **Petroleum Engineer**

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

Commenced drilling **10-12**, 19 **62** Finished drilling **11-5**, 19 **62**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **7778** to **7912 (G)** No. 4, from _____ to _____
No. 2, from **7912** to **8118 (G)** 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—	
9 5/8"	40	8 x 2	S-95	293	Howco				Surface
4 1/2"	11.6, 10.5	8 x 2	J-55	6108	Baker				Prod casing
2 3/8"	4.7	8 x 2	J-55	8019					Prod tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	306	210	circulated		
4 1/2"	8118	645	3 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
7998-8004, 7964-70(2 SFF); 7916-28(1 SFF); 7830-36(2 SFF); Free w/50,000 gallons water, 46,000# sand Flush w/5900 gallons. In 24 BPM. Max pr 4000#, BDP 4000#, tr pr 3600-3900#, 2 drops of 12 balls.						

TOOLS USED

Rotary tools were used from **0** feet to **8118** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing _____, 19 **62**

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 **4,987,000** Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **2564** **A.O.F. 6406 MCF/D**

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2896	2896	Tan to gry cr-grn ss interbedded w/gry sh.
2896	3054	158	Ojo Alamo ss. White cr-grn s.
3054	3398	344	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3398	3604	206	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3604	3620	16	Pictured Cliffs forms. Gry, fine-grn, tight, varicolored soft ss.
3620	5375	1755	Lewis form. Gry, fine-grn, dense sil ss.
5375	5442	67	Cliff House ss. Gry, fine-grn, dense sil ss.
5442	5785	343	Menefee form. Gry, fine-grn s, carb sh & coal.
5785	5938	153	Point Lockout form. Gry very fine sil ss w/frequent sh breaks.
5938	6648	710	Mancos form. Gry carb sh.
6648	7721	1073	Gallup form. Lt gry to brn calc carb micac glauco very fine gry ss w/irreg interbed sh.
7721	7778	57	Greenhorn form. Highly calc gry sh w/thin lmst.
7778	7912	134	Graneros form. Dk gry shale, fossil & carb w/white incl.
7912	8118	206	Dakota form. Lt to dk gry foss carb sl calc sl silty ss w/white incl thin sh bands clay & shale breaks.

