

U. S. LAND OFFICE
SERIAL NUMBER **070472**
LEASE OR PERMIT TO PROSPECT

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UNITED STATES
DEPARTMENT OF THE INTERIORGEOLOGICAL SURVEY U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

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 32-7-30** Field **Blanco Mesa Verde** State **New Mexico**
Well No. **22-29** Sec. **29** T. **30N** R. **7W** Meridian **N.M.P.M.** County **San Juan**
Location **1130** ft. **N** of **8** Line and **1290** ft. **E** of **W** Line of **Sec. 29** Elevation **6318**
(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 **July 28, 1960**ORIGINAL SIGNED **J. J. TILLERSON**Title **Petroleum Engineer**

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

Commenced drilling **7-27**, 19**59** Finished drilling **8-30**, 19**59**

OIL OR GAS SANDS OR ZONES

No. 1, from **2987** to **3332 (0)** No. 4, from **5522** to **5617 (0)**
No. 2, from **3332** to **3529 (0)** No. 5, from **5617** to **5617 (0)**
No. 3, from **3529** to **5522 (0)** No. 6, from **5522** to **5617 (0)**

IMPORTANT WATER SANDS

No. 1, from **2987** to **3332 (0)** No. 3, from **3332** to **3529 (0)**
No. 2, from **3529** to **5522 (0)** No. 4, from **5522** to **5617 (0)**

GASING 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"	140	8	J-55	5661					Prod casing
9 5/8"	23	8	J-55	7738					Prod casing
7"	15	8	J-55	7738					Prod casing
5"	4.7	8	J-55	5661					Prod tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/8"	330	285	circulated		
9 5/8"	3500	281	single stage		
7"	7738	1140	two stages		
5"	7042-8012	70	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 **3500** feet, and from **3500** feet to **7745** feet
Cable tools were used from _____ feet to _____ feet, and from **7745** feet to **8012** feet

DATES

4-27, 19**60** 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 **1,856,000** Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. **1198** A.O.F. - **2161 MCF/D**

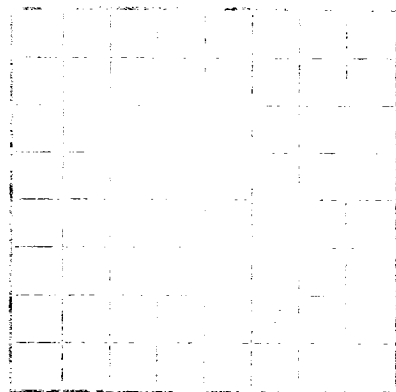
EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Und.	2555	2555	Tan to gry cr-grn ss interbedded w/gry sh.
2555	2615	260	Ojo Alamo ss. White cr-grn s.
2615	2987	172	Kirtland form Gry sh interbedded w/tight gry fine-grn ss.
2987	3332	345	Fruitland form. gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3332	5211	1879	Pictured Cliffs form gry, fine-grn, tight, varicolored soft ss.
5211	5259	48	Lewis formation. gry, fine-grn, dense sil ss.
5259	5522	263	Cliff House ss. Gry, fine-grn, dense sil ss.
5522	5617	95	Manatee form. gry, fine-grn s, carb sh & coal.
5617	7010	1393	Point Lookout form. gry, very fine sil ss w/frequent sh breaks.
7010	7242	232	Hancock formation. gry carb sh.
7242	7569	327	Gallup form. lt gry to brn calc carb micac glauco very fine gry ss w/irreg. interbed sh.
7569	7619	50	Hemlock form. Brk gry calc very fine to fine gry ss w/calc veins w/irreg. inter. brk gry s.
7619	7783	164	Greenhorn form Highly calc gry sh w/thin lmt.
7783	7947	164	Graneros form. Brk gry shale, fossil & carb w/pyrite incl.
7947	8012	67	Dakota form. lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks.
8012	8012	0	Harrison form. Interbed. gry brn & red waxy sh & ss to cr-grn sand.

FORMATION RECORD—Continued



Y 10896.00 - NEW STAND I

U.S. DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D. C. 20535

A circular stamp with the word "RECEIVED" in the center, surrounded by the text "U.S. DEPARTMENT OF JUSTICE". The date "1961" is visible at the bottom of the stamp.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with reasons for the work and results. If there were any changes made in the casing, state fully, and if any casing was "sacked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

21 JAN 64