

U. S. LAND OFFICE **New Mexico**
SERIAL NUMBER **03566**
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 **Stewart** Field **Basin Dakota** State **New Mexico**
Well No. **8** Sec. **28** T. **30N** R. **10W** Meridian **N.M.P.M.** County **San Juan**
Location **1060** ft. **[N.]** of **S** Line and **1650** ft. **[E.]** of **W** Line of **Section 28** Elevation **6205**
(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. Original Signed **D. W. Meehan**
Signed _____

Date **August 16, 1961** Title **Retroleum Engineer**

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

Commenced drilling **6-13-**, 19 **61** Finished drilling **7-9-**, 19 **61**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **6993** to **7125 (G)** No. 4, from _____ to _____
No. 2, from **7125** to **7368 (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"	2.3	8 rd	J-55	7181					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"	300	270	circulated		
4 1/2"	7335	790	3 stages		

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
7052-58; 7130-36; 7142-48; 7158-64; 7196-7202;		PRIME DAKOTA w/62,700 gal water, 60,000# sand. Flushed 11,690 gal, I.R. 44.8 BPM. MAX # 3700#, BHP 1700#, LF # 3000-3600#				

TOOLS USED

Rotary tools were used from **0** feet to **7368** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

7-17-, 19 **61** 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 **2,745,000** Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. **2085** **A.O.F. 3.30 MCF/D**

EMPLOYEES

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

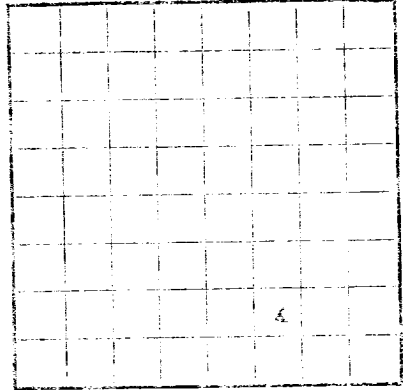
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1362	1362	Tan to gry cr-grn ss interbedded w/gry sh.
1362	1492	130	Ojo Alamo ss. White cr-grn s.
1492	2361	869	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2361	2670	309	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2670	2720	50	Pictured Cliffs forms Gry, fine-grn, tight, varicolored soft ss.
2720	4369	1649	Lewis form. Gry, fine-grn, dense sil ss.
4369	4463	94	Cliff House ss. Gry, fine-grn, dense sil ss
4463	4958	495	Mansfield form. Gry, fine-grn s, carb sh & coal.
4958	5055	97	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5055	6196	1141	Mancos form. Gry carb sh.
6196	6935	739	Gallup form. Lt gry to brn calc carb micac glasso very fine gry ss w/irreg. interbed sh.
6935	6993	58	Greenhorn form. Highly calc gry sh w/thin lmst.
6993	7125	132	Graneros form. Dk gry shale, fossil & carb w/prite incl.
7125	7368	243	Dakota form. Lt to dk gry foss carb sl calc sl salty ss w/prite incl thin sh bands clay & shale breaks.

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LOG OF OIL OR GAS WELL



Company: El Paso Natural Gas Company
Address: Box 999, Toluca, New Mexico
Field: Basin State: New Mexico
County: San Juan
Section: 10 Twp. 10N R. 10W
The information given here with a complete and correct record of the well and all work done thereon
to be as determined from all available records. Original copies of W. M. Meade's
signed.

Date: August 15, 1921
The accuracy of this page is for the condition of the well at above date.
Completed during the month of August, 1921.

OIL OR GAS SANDS OR ZONES

Table with 4 columns: Sand Zone, Depth (ft), and other details. Includes entries for No. 1, No. 2, and No. 3 sands.

IMPORTANT WATER SANDS

Table with 4 columns: Sand Zone, Depth (ft), and other details. Includes entries for No. 4 and No. 5 sands.

CASING RECORD

Table with 6 columns: Casing No., Depth (ft), Diameter (in), Material, and Purpose. Lists various casing materials and their depths.

HISTORY OF OIL OR GAS WELL

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

MUDDING AND CEMENTING RECORD

Table with 6 columns: Cement No., Depth (ft), Method used, Mud gravity, and Amount of mud used. Details mudding and cementing operations.

PLUGS AND ADAPTERS

Table with 4 columns: Plug/Adapter No., Depth (ft), Length, and Diameter. Lists plug and adapter details.

SHOOTING RECORD

Table with 6 columns: Shot No., Depth (ft), Rate, Quantity, Explosive used, and Depth cleaned out. Records shooting operations.

TOOLS USED

Table with 4 columns: Tool No., Depth (ft), and other details. Lists tools used during the well's operation.

DATES

The production for the first 24 hours was 10 barrels of fluid of which 8 was oil; 2 was gas.
The production for the first 24 hours was 10 barrels of fluid of which 8 was oil; 2 was gas.

EMPLOYEES

Table with 2 columns: Employee Name and Position. Lists employees and their roles.

FORMATION RECORD

Large table with 4 columns: Formation Name, Total Feet, and other details. Lists geological formations encountered during the well's drilling.