

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **077107**
LEASE OR PERMIT TO PROSPECT

				X			

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **El Paso Natural Gas Company** Address **Box 990, Farmington, New Mexico**
Lessor or Tract **Michener "A"** Field **Basin Dakota** State **New Mexico**
Well No. **8** Sec. **33** T. **28N** R. **9W** Meridian **N.M.P.M.** County **San Juan**
Location **800** ft. **N** of **N** Line and **1650** ft. **W** of **E** Line of **Section 33** Elevation **6849**
(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 D. W. Meehan**

Date **January 15, 1962** Title **Petroleum Engineer**

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

Commenced drilling **10-3-**, 19 **61** Finished drilling **10-26-**, 19 **61**

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

No. 1, from **P & A** to 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—	
10 3/4"	32.75	8 rd	H-40	290	Howco				Surface
7 5/8"	26.4	8 rd		5165	Baker				Intermediate

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	304	220	circulated		
7 5/8"	5165	230	2 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 **7578** feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

10-28-, 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 **P & A** Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

, Driller, Driller
, Driller, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1901	1901	Tan to gry cr-grn ss interbedded w/gry sh.
1901	2701	800	Ojo Alamo ss. White cr-grn ss.
2701	2942	241	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2942	3022	80	Pictured Cliffs forms. Gry, fine-grn, tight, varicolored soft ss.
3022	4552	1530	Lewis form. Gry, fine-grn, dense sil ss.
4552	4651	99	Cliff House ss. Gry, fine-grn, dense sil ss
4651	5235	584	Menefee form. Gry, fine-grn s, carb sh & coal.
5235	5400	165	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5400	6378	978	Mancos form. Gry carb sh.
6378	7204	826	Gallup form. Lt gry to brn calc carb micac glauco very fine gry ss w/irreg interbed sh.
7204	7266	62	Greenhorn form. Highly calc gry sh w/thin lmst.
7266	7376	110	Graneros form. Dk gry shale, fossil & carb w/prt incl.
7376	7578	202	Dakota form. Lt to dk gry foss carb sl calc sl silty ss w/prite incl thin sh bands clay & shale breaks.

FROM-	TO-	TOTAL FEET	FORMATION