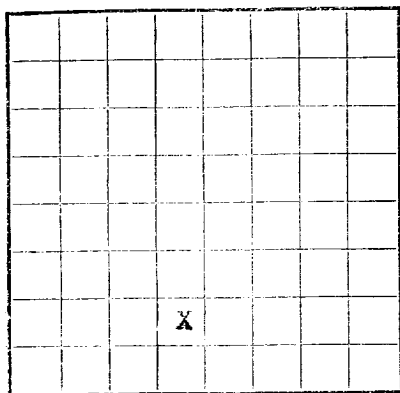
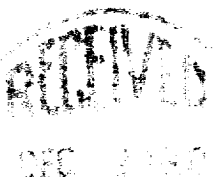




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Santa Fe**SERIAL NUMBER **080675**

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. GEOLOGICAL SURVEY
WASHINGTON, D. C. 20540

LOG OF OIL OR GAS WELL

Company **El Paso Natural Gas Company** Address **Box 990, Farmington, New Mexico**
Lessor or Tract **San Juan 27-4 Unit** Field **Blanco M. V.** State **New Mexico**
Well No. **27** Sec. **33** T. **27N** R. **4W** Meridian **N.M.P.M.** County **Rio Arriba**
Location **1090** ft. **N.** of **S.** Line and **1990** ft. **E.** of **W.** Line of **Section 33** Elevation **7207**
(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

Date **November 29, 1960**Title **Petroleum Engineer**

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

Commenced drilling **8-28**, 19**60** Finished drilling **9-9**, 19**60**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **5755** to **5844 (G)** No. 4, from _____ to _____
No. 2, from **5844** to **6160 (G)** No. 5, from _____ to _____
No. 3, from **6160** to **6300 (G)** 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	P.E.	S.M.	201	HOMCO				Surface
7 5/8	20.4	8 Rd.	J-55	4175	Baker				Intermediate
5 1/2	15.5	8 Rd.	J-55	2253	Baker				Prod. Liner
2"	4.7	8 Rd.	J-55	6307					Prod. Tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	214	220	Circulated		
7 5/8	4186	120	Single Stage		
5 1/2	4117-6370	270	Single Stage & Squeeze		

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
		See Well History				

TOOLS USED

Gas Drilled

Rotary tools were used from **0** feet to **4189** feet, and from **4189** feet to **6373** feet

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

DATES

_____ **9-15**, 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 **3,435,000** Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **1206** A.O.F. = **4716 MCF/D**

EMPLOYEES

_____, Driller _____, Driller
Aspen Drilling Company _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3571	3571	Tan to gry cr-grn ss interbedded w/gry sh.
Est. 3571	3661	90	Ojo Alamo ss. White cr-grn s.
Est. 3661	3845	184	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
Est. 3845	4000	155	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
Est. 4000	4081	81	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
Est. 4081	5755	1674	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5755	5844	89	Cliff House ss. Gry, fine-grn, dense sil ss.
5844	6160	316	Menefee form. Gry, fine-grn, carb sh & coal.
6160	6300	140	Point Lookout
			Point Lookout form. Gry, very fine sil ss w/ frequent sh breaks.
6300	6373	73	Mancos formation. Gry carb sh.

FORMATION RECORD--Continued

FORMATION	TOTAL FEET	TO-	FROM-
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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, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" 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.

Trac Point Lookout pert. intervals 6176-84; 6214-26; 6240-56; 6282-90; 6296-6304 (2 bbl/t) w/60,900 gallons water, 60,000# 20/40 sand, finished w/12,000 gallons. I.R. 72.0 BFM, BD pr. & Max. pr. 3360#, tr. pr. 650-950-1000-1500#. Dropped 2 sets of 30 balls and 1 set of 20 balls for 4 stages.