

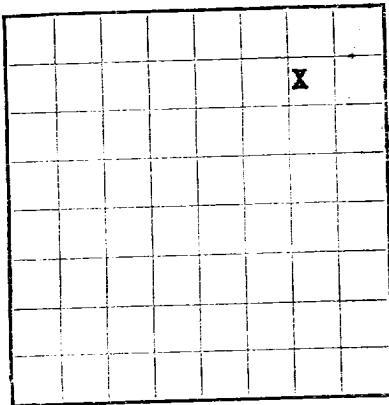
Santa Fe

U. S. LAND OFFICE

SERIAL NUMBER

078504

LEASE OR PERMIT TO PROSPECT



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 **San Juan 32-9 Unit** Field **Blanco Mesa Verde** State **New Mexico**
Well No. **76** Sec. **13** T. **32N** R. **10 W** Meridian **N.M.P.M.** County **San Juan**
Location **890** ft. **XXX** of **N** Line and **990** ft. **XXX** of **E** Line of **Sec. 13** Elevation **6938**
(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 **[Signature]** Title **Petroleum Engineer**Date **July 25, 1960**

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

Commenced drilling **5-14-60**, 19 **5-28-60** Finished drilling **5-28-60**, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3705 to 3850 (G)	No. 4, from 5997 to 6145 (G)
No. 2, from 5601 to 5672 (G)	No. 5, from _____ to _____
No. 3, from 5672 to 5997 (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	8 Rd.	J-55	276	Howco				surface
7 5/8"	26.1	8 Rd.	J-55	4061	Baker				intermediate
5 1/2"	19.5	8 Rd.	J-55	2219	Baker				prod liner
2 3/8"	4.7	8 Rd.	J-55	6030					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"	289	185	circulated		
7 5/8"	4073	150	single stage		
5 1/2"	4044-6263	320	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

Rotary tools were used from **0** feet to **4075** feet, and from **4075** feet to **6265** feet **Gas Drilled**
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

6-5-, 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 **2,226,000** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **1067**EMPLOYEES **A.O.F. 2611 MCF/D**

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Undeveloped	3028	3028	Tan to gry cr-grn ss interbedded w/gry sh.
Calc. 3028	3292	264	Ojo Alamo ss. White cr-grn s.
3292	3705	413	Kirtland form gry sh interbedded w/tight gry fine-grn ss.
3705	3805	145	Fruitland form gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3850	5601	1751	Pictured Cliffs forms gry, fine-grn, tight, varicolored soft ss
Calc. 5601	5672	71	Levis formation. gry, fine-grn, dense sil ss.
5672	5997	325	Cliff House ss. gry, fine-grn, dense sil ss.
5997	6145	148	Manefee form. gry, fine-grn s, carb sh & coal.
6145	6265	120	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
			Mancos formation. gry carb sh.

(OVER)

