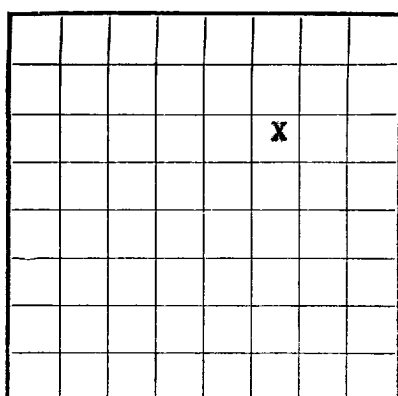


U S LAND OFFICE **New Mexico**

SERIAL NUMBER 010989

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 997, Farmington, New Mexico
Lessor or Tract Fields Field Blanco State New Mexico
Well No. 3 Sec. 29 T. 32N R. 11W Meridian NMPM County San Juan
Location 1548 ft. Top of N Line and 1507 ft. Top of E Line of Section 29 Elevation 6610
(Derive from relative to datum)

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 School Schultsma

Date **November 11, 1954** Title **Petroleum Engineer**

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

Commenced drilling February 17, 1954 Finished drilling October 27, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from	3282	to	3323 (G)	No. 4, from	5580	to	5700 (G)
No. 2, from	4988	to	5173 (G)	No. 5, from		to	
No. 3, from	5173	to	5580 (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—	
9 5/8	25.4	S.W.	Armedo	160	Armedo				Surface
7. The above is a summary of the work done on the well during the month of June, 1934. It is of the greatest importance to have a complete history of the well. Please make a complete history of the well.									
2	4.7	8 RD	Youngstown	5676					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	172	125	Circulated		
7	1894	500	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
	See well History					

TOOLS USED

Rotary tools were used from 0 feet to 4894 feet, and from 4894 feet to 5700 feet ^{Gas Drilling}

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

DATES

October 29, 1954	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	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	356	356	Tan cr-grn ss w/thin sh breaks.
356	1735	1379	Variegated sh w/thin ss breaks.
1735	2426	691	Tan to gry cr-grn ss interbedded w/gry sh.
2426	2474	48	Ojo Alamo ss. W/lt cr-grn s.
2474	2813	339	Kirtland formation. Gry sh. interbedded w/tight gry fine-grn ss.
2813	3282	469	Fruitland formation. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3282	3323	41	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss.
3323	4988	1665	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4988	5173	185	Cliff House ss. Gry, fine-grn, dense sil ss.
5173	5580	407	Menefee formation. Gry, fine-grn s, carb sh and coal.
5580	5700	120	Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks.
			Mancos formation. Gry carb sh.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

[illegible]

The information given herein is a complete and correct record of the * and is not to be used for any other purpose.

So far as can be determined from all available records.

Signature _____

Location _____ of _____ and _____
_____ of _____
_____ of _____

Witness _____

State of _____

Company _____

Address _____

011 OR CAS STAINS ON ZONES

[illegible]

U.S. DEPARTMENT OF JUSTICE

Hand-Off Theatre Gift House w/ 15,000 cottons off and 9,000' send.

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 the 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.

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

100-443887-1