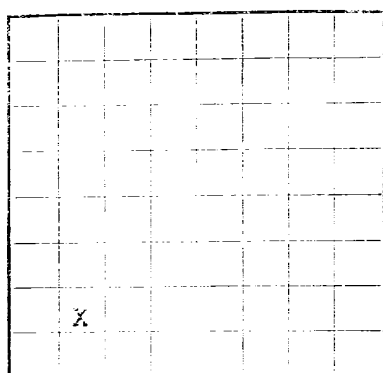


U.S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **478357 - A**
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 290, Farmington, New Mexico
Lessor or Tract Blanco Development 27-9 Field Blanco M. V. Ext. State New Mexico
Well No. 3rd Sec. 2 T. 27-N-9-W Meridian N.M.P.M. County San Juan
Location 200 ft. N of S Line and 200 ft. E of W Line of Section 1 Elevation 4012
Survey first of this class by

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 December 12, 1960 Title Petroleum Engineer

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

Commenced drilling 9-22....., 1950 Finished drilling 9-29....., 1950

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2103 to 2243 (G) No. 4, from 4433 to 4503 (G)
No. 2, from 3245 to 3315 (G) No. 5, from _____ to _____
No. 3, from 3316 to 4433 (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.W.	161	Howco				surface
7	5/8"	26.4	8 Rd.	J-55	2329	Baker				intermediate
5	1/2"	15.5	8 Rd.	J-55	2431	Baker				prod liner
2"		4.7	8 Rd.	J-55	4601					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"	173	125	circulated		
7 5/8"	2342	121	single stage		
5 1/2"	2234-4673	230	single stage		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

Size	Steel used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
See Well History						

TOOLS USED

Rotary tools were used from _____ feet to 2343 feet, and from 2343 to 4560 feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

~~10-3~~, 1949 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 ~~3,325,000~~ Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 1083----- A.O.F. 4445 MCF/D

EMPLOYEES

....., Driller

....., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1252	1252	Tan to gray cr-grn ss interbedded w/gray sh.
Calc. 1252	1322	70	Ojo Alamo ss. White cr-grn s.
Calc. 1322	1383	61	Kirtland form. Gray sh interbedded w/tight gr, fine-grn ss.
Calc. 1383	2153	810	Fruitland form. Gray carb sh, scattered coals, coals and gray, tight, fine-grn ss.
Calc. 2153	2243	90	Pictured Cliffs form. Gray, fine-grn, tight, varicolored soft ss.
Calc. 2243	3745	1503	Lewis form. Gray, fine-grn, dense sil ss.
Calc. 3745	3815	70	Cliff House ss. Gray, fine-grn, dense sil ss.
3815 Calc.	4433	617	Menefee form. Gray, fine-grn s, carb sh & coal
Calc. 4433	4608	175	Point Lookout form. Gray, very fine sil ss w/ frequent sh breaks.
Calc. 4608	4659	61	Mancos form. Gray carb sh.

FORMATION RECORD—Continued

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.

4457-63;4468-80;
4501-18;4521-29;
4534-4544;4554-60;
4571-70;4590-98;

Water fra. Point Lookout w/60,000 gal water &
50,000 # sand. BHP 1400 #, max pr 3500 #, avg w
pr 1000-1200-2000-3000-2500-3500-3200-3000 #/.
IR 36.3 BPL. Flush 7000 gal. Dropped 2 sets of 20
balls & 3 sets of 10 - " stages.