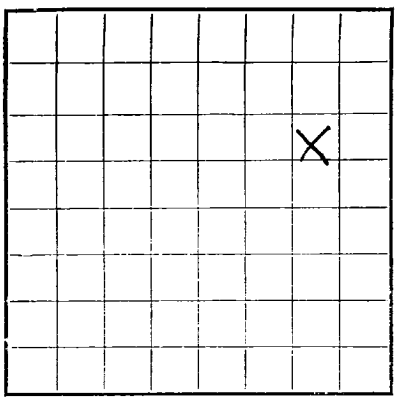
Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.

Form 9-330

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078049
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 Hughes Field Blanco State New Mexico

Well No. 5-A Sec. 28 T. 29N R. 8W Meridian N. M. P. M. County San Juan

Location 1650 ft. [N.] of N Line and 790 ft. [W.] of E Line of Section 28 Elevation 6397
(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 May 21, 1953 Title Petroleum Engineer.

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

Commenced drilling April 18, 19 53 Finished drilling May 6, 19 53

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 2965 to 3020 (G) No. 4, from to

No. 2, from 4572 to 5320 (G) 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 From—	Perforated To—	Purpose
9 5/8	25.4	S. W.	ARMCO	161'	ARMCO				Surface
7"	20	8 RD	Spang	4519'	BAKER				Prod. Csg.
2"	4.7	8 RD	Youngst.	5410'					Prod. Tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	170'	125	Circulated		
7"	4529'	300	Sing. Stage		

FOLD MARK

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
Quart	Regular	S. N. G.	1345	5-7-53	4580-5420	5420

TOOLS USED

Rotary tools were used from 0 feet to 4529 feet, and from Gas Drilling 4529 feet to 5420 feet

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

DATES

May 8, 19 53 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 6,448,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 1069

EMPLOYEES

, Driller , Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	600	600	Tan cr-grn ss w/thin sh breaks.
600	1290	690	Variegated sh w/thin ss breaks.
1290	1940	650	Tan to gry cr-grn ss interbedded w/gry sh.
1940	2085	145	Ojo Alamo ss. Wh cr-grn s. Top Ojo Alamo 1940.
2085	2658	573	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Top Kirtland 2085.
2658	2965	307	Fruitland formation. Gry carb sh, scattered coals and gry, tight, fine-grn ss. Top Fruitland 2658.
2965	3020	55	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 2965.
3020	4572	1552	Lewis formation. Gry to wh dense sh w/silty to shaly ss breaks. Top Lewis 3020.
4572	4718	146	Cliff House ss. Gry, fine-grn, dense sil ss. Top of Cliff House 4572.
4718	5183	465	Menefee formation. Gry, fine-grn s, carb sh and coal. Top Menefee 4718.
5183	5320	137	Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks. Top Point Lookout 5183.
5320	5421	101	Mancos formation. Gry carb sh. Top Mancos 5320.

[OVER]

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

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.