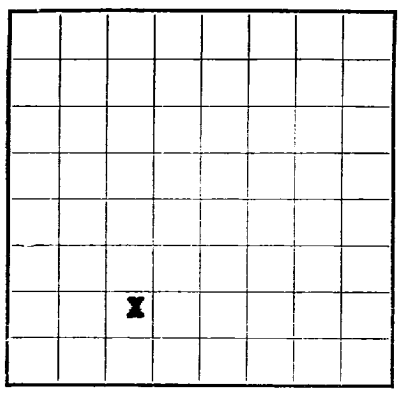
Form 9-330

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



LOCATE WELL CORRECTLY

RECEIVED
JUN 2 1953

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078046
LEASE OR PERMIT TO PROSPECT

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 Sec. 21 T. 29N R. 8W Meridian N. M. P. M. County San Juan

Location 990 ft. [N.] of S Line and 1650 ft. [E.] of W Line of Section 21 Elevation 6445
(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 E. W. Woodruff

Date May 28, 1953 Title Petroleum Engineer

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

Commenced drilling April 3, 19 53 Finished drilling April 25, 19 53

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 3036 to 3085 (G) No. 4, from ____ to ____

No. 2, from 4660 to 5402 (G) No. 5, from ____ to ____

No. 3, from ____ to ____ No. 6, from ____ to ____

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OIL CON. COM.
DIST. 3

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	8 RD	Armco	160'	Armco				Surface
7"	23	8 RD	Spang	4595'	Baker				Prod. Csg.
2"	4.7	8 RD	Youngst.	4787'					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"	173'	125	Circulated		
7"	4595'	300	Sing. 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
Quart	Regular	S. N. G.	1530	4-25-53	4657-5437	5437

TOOLS USED

Rotary tools were used from 0 feet to 4595 feet, and from 4595 feet to 5437 feet

Gas Drilling

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

DATES

April 30, 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 4,450,000 Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. 1076

EMPLOYEES

____, Driller ____, Driller

____, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	800	800	Tan cr-grn ss w/thin sh breaks.
800	1515	715	Variegated sh w/thin ss breaks.
1515	2010	495	Tan to gry cr-grn ss interbedded w/gry sh.
2010	2145	135	Ojo Alamo ss. Wh cr-grn s. Top Ojo Alamo 2010.
2145	2740	595	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Top Kirtland 2145.
2740	3036	296	Fruitland formation. Gry carb sh, scattered coals and gry, tight, fine-grn ss. Top Fruitland 2740.
3036	3085	49	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 3036.
3085	4660	1575	Lewis formation. Gry to wh dense sh w/silty to shaly ss breaks. Top Lewis 3085.
4660	4808	148	Cliff House ss. Gry, fine-grn, dense sil ss. Top of Cliff House 4660.
4808	5290	482	Menefee formation. Gry, fine-grn s, carb sh and coal. Top Menefee 4808.
5290	5402	112	Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks. Top Point Lookout 5290.
5402	5437	35	Mancos formation. Gry carb sh. Top Mancos 5402.

FOLD | MARK

[OVER]

16—43094-3

FORMATION RECORD—Continued

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.