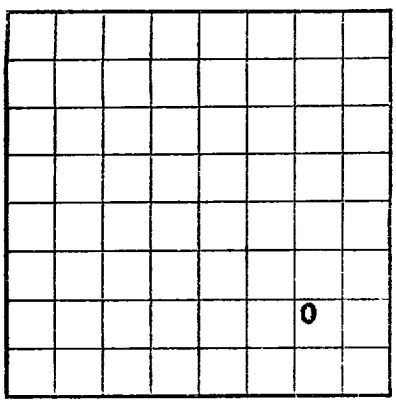
Budget Bureau No. 42-R355.2.
Approval expires 12-31-52.

Form 9-330

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 077764
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 Co. Address P.O. Box 997 Farmington
Lessor or Tract Schumacher Field Aztec Pool State New Mexico
Well No. 4 Sec. 18 T. 30N R. 10W Meridian N.M.P.M. County San Juan
Location 990 ft. {N.} of S Line and 990 ft. {W.} of E Line of Section 18 Elevation 6409' (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 Original Signed E. J. Coel
Title Petroleum Engineer

Date January 30, 1953

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

Commenced drilling December 15, 1952 Finished drilling January 1, 1953

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 2935 to 3024(G)
No. 2, from ____ to ____
No. 3, from ____ to ____
No. 4, from ____ to ____
No. 5, from ____ to ____
No. 6, from ____ to ____

IMPORTANT WATER SANDS

No. 1, from 1535 to 1693
No. 2, from ____ to ____
No. 3, 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
8 5/8	24#	8	Spang	101'	Baker				Surface
5 1/2	15.5	8	Spang	2913	Baker				Prod. csg.
1"	1.68	8	Youngs.	3036'					prod tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	114'	75	circulated		
5 1/2	2923'	150	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
Quart	regular	S.N.G.	870	1-2-53	2928-3057	3057'

TOOLS USED

Rotary tools were used from 0 feet to 2923' feet, and from ____ feet to ____ feet
Cable tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

DATES

Put to producing January 8, 1953

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 362,000 Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. 610

EMPLOYEES

____, Driller ____, Driller
____, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	570	570	Tan coarse-grn ss W/ thin sh breaks.
570	1265	695	Variegated sh W/ thin ss breaks.
1265	1535	270	Tan to gry coarse-grn ss interbedded W/ gry sh.
1535	1693	158	Ojo Alamo ss. White coarse-grn sand. Top Ojo Alamo 1535.
1693	2545	852	Kirtland formation. Gry sh interbedded W/ tight gry fine-grn ss. Top Kirtland 1693.
2545	2935	390	Fruitland formation. Gry carb shales, scattered coals and gry, tight, fine-grn ss. Top Fruitland 2545.
2935	3024	89	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 2935.
3024	3057	33	Lewis formation. Gry to white dense sh W/ silty to shaly ss breaks. Top Lewis 3024.

RECEIVED
FEB 16 1953
OIL CON. COM.
DIST. 3

FOLD

MARK

(OVER)

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

HISTORY OF OIL OR GAS WELL

16—43094-1 U. S. GOVERNMENT PRINTING OFFICE

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.