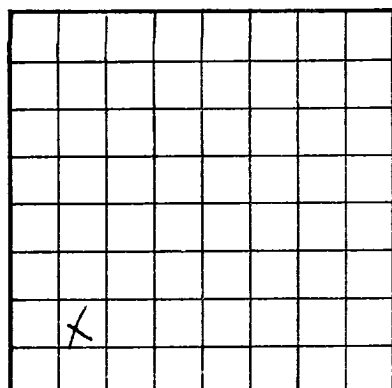


U. S. LAND OFFICE Santa Fe
 SERIAL NUMBER 078097
 LEASE OR PERMIT TO PROSPECT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 997 Farmington, New Mexico

Lessor or Tract Horton Field Blanco State New Mexico

Well No. 3 Sec. 32 T. 31N R. 11W Meridian N.M.P.M. County San Juan

Location 990 ft. {N.} of S. Line and 990 ft. {E.} of W. Line of Section 32 Elevation 5807
(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 J. Schuler

Date May 11, 1953

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

Commenced drilling March 27, 1953 Finished drilling April 25, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from <u>2260</u> to <u>2302 (G)</u> No. 2, from <u>3822</u> to <u>4053 (G)</u> No. 3, from <u>4053</u> to <u>4575 (G)</u>	No. 4, from <u>4575</u> to <u>4692 (G)</u> No. 5, from _____ to _____ No. 6, from _____ to _____
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IMPORTANT WATER SANDS

No. 1, from _____ to _____

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		Purpose
							From--	To--	
9 5/8 7"	25.4 23	S. W. 8 RD	ARMCO Spang	160' 1440'	ARMCO BAKER				Surface Prod. Csg.
2"	4.7	8 RD	Youngst.	4782					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	172'	150	Circulated		
7	4150'	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.	825	4/26/53	4523-4823	4823

TOOLS USED

Gas Drilling

Rotary tools were used from 0 feet to 4150 feet, and from 4150 feet to 4823 feet.

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

DATES

Put to producing _____, 19____
 _____ April 28 _____, 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 1,625,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 960 _____

EMPLOYEES

EMPLOYEES

....., Driller	, Driller
....., Driller	, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	405	405	Tan cr-grn ss w/thin sh breaks.
405	690	285	Variegated sh w/thin ss breaks.
690	1150	460	Tan to gry cr-grn ss interbedded w/gry sh.
1150	1240	90	Ojo Alamo ss. Wh cr-grn s. Top Ojo Alamo 1150.
1240	1575	335	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Top Kirtland 1240.
1575	2260	685	Fruitland formation. Gry carb sh, scattered coal and gry, tight, fine-grn ss. Top Fruitland 1575.
2260	2302	42	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 2260.
2302	3822	1520	Lewis formation. Gry to sh dense sh w/silty to shaly ss breaks. Top Lewis 2302.
3822	4053	231	Cliff House ss. Gry, fine-grn, dense sil ss. Top of Cliff House 3822.
4053	4575	522	Manefee formation. Gry, fine-grn s, carb sh and coal. Top Manefee 4053.
4575	4692	117	Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks. Top Point Lookout 4575.
4692	4823	131	Mancos formation. Gry carb sh. Top Mancos 4692.



HISTORY OF OIL OR GAS WELL

1-76095-9r

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INFORMATION RECORD—Continued