

U. S. LAND OFFICE Santa FeSERIAL NUMBER 078389-A

LEASE OR PERMIT TO PROSPECT

14-08-001-569

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 San Juan 32-9 Unit Field Blanco State New Mexico
Well No. 4 Sec 12 T 31N R 10W Meridian N. M. P. M. County San Juan
Location 1650 ft. N. of N. Line and 990 ft. W. of E. Line of Section 12 Elevation 6552
(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. L. JallodDate August 11, 1953Title Petroleum Engineer

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

Commenced drilling June 1, 1953 Finished drilling June 25, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3378 to 3446 (G) No. 4, from 5630 to 5735 (G)
No. 2, from 5137 to 5290 (G) No. 5, from _____ to _____
No. 3, from 5290 to 5630 (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—	
9-5/8 25.4		S.W.	Armco	161'	Armco				Surface
7" 23.4		8 RD	Youngs	5716'					Prod. Tbg.
2" 4.7		8 RD	Youngs	5716'					Prod. Tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud grade	Amount of mud used
9-5/8 25.4	175'	125	Circulated		
7" 23.4	5197'	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.	1401	6-26-53	5260-5784	5864'

TOOLS USED

Gas Drilling

Rotary tools were used from 0 feet to 5197 feet, and from 5197 feet to 5864 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ June 27, 1953 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 6,160,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1062

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

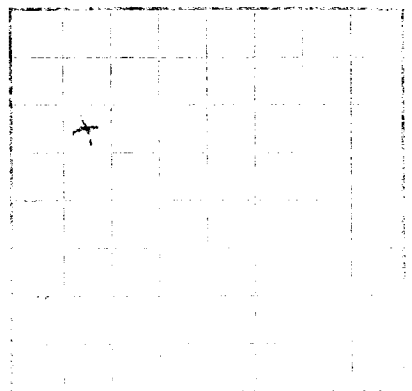
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	533	533	Tan cr-grn ss w/thin sh breaks.
533	1580	1047	Variegated sh w/thin ss breaks.
1580	2450	870	Tan to gry cr-grn ss interbedded w/gry sh.
2450	2565	115	Ojo Alamo ss. Wh cr-grn s. Top Ojo Alamo 2450.
2565	3003	438	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Top Kirtland 2565.
3003	3378	375	Fruitland formation. Gry carb sh, scattered coals and gry, tight, fine-grn ss. Top Fruitland 3003.
3378	3446	68	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 3378.
3446	5137	1691	Lewis formation. Gry to wh dense sh w/silty to shaly ss breaks. Top Lewis 3446.
5137	5290	153	Cliff House ss. Gry, fine-grn, dense sil ss. Top of Cliff House 5137.
5290	5630	340	Manefee formation. Gry, fine-grn s, carb sh and coal. Top Manefee 5290.
5630	5735	105	Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks. Top Point Lookout 5630.
5735	5864	129	Manefee formation. Gry carb sh. Top Manefee 5735.

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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 plings or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

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