

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078048
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 Hughes Field Ballard P.C. Ext. State New Mexico
Well No. 3-29 Sec. 29 T. 20N R. 7W Meridian 10N County Rio Arriba
Location 1000 ft. [N.] of 0 Line and 1650 ft. [E.] of 0 Line of Section 29 Elevation 7067
(Derive bore relation 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 EWELL N. WALSH

Date November 26, 1956 Title Petroleum Engineer

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

Commenced drilling 10-11-56, 1956 Finished drilling 10-30-56, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2901 to 3051 (G) No. 4, from _____ to _____
 No. 2, from _____ to _____ 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	Direction		Purpose
							From—	To—	
2.5/8	20.50	8 RD	J-55	90'	Howco				Surface
5.1/2	15.5	8 RD	J-55	300'	Howco				1st Ch.
1.1/4	2.3	8 RD	J-55	100'	Howco				2nd Ch.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5.0	100'	70	Circulated		
5.1, 2	3051'	150	Single stage		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 6 feet to 3651 feet, and from _____ feet to _____ feet.

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

DATES

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 155,000 100 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. ----- 599

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2238	2238	Tan to gry cr-grn ss interbedded w/gry sh.
2238	2400	162	Ojo Alamo ss. White cr-grn s.
2400	2784	384	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2784	2961	177	Fruitland form. Gry carb sh, scattered coals and gry, tight, fine-grn ss.
2961	3051	90	Pictured Cliff form. Gry, fine-grn, tight, varicolored soft ss.

NOT OF OR OR CDS WET

LOCALITY: CORRECTION

[illegible]

Original signed EVELYN W. WELLS

2002-2003 PBA 500,000

WILSON, J. H. 1940. The effect of the amount of food on the growth of the young of the Atlantic herring, *Clupea harengus* L. *Journal of the Fisheries Research Board of Canada* 17: 1001-1006.

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 balling.

HISTORY OF OIL OR GAS WELL

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