

A 10x10 grid of squares, intended for drawing a picture.

LOCATE WELL CORRECTLY

✓ U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 070046
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 Ballard F.C. Ext. State New Mexico
Well No. 4-29 Sec. 29 T. 20N R. 3W Meridian 101M County Rio Arriba
Location 600 ft. North of N Line and 250 ft. West of E Line of Section 29 Elevation 6230'

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.

Date February 20, 1957 Signed _____ Original Signed EWELL N. WALSH
Title Petroleum Engineer

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

Commenced drilling 1-3-57, 1957 Finished drilling 1-6-57, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 289 to 295 (c) No. 4, from _____
 No. 2, from _____ to _____ No. 5, from _____
 No. 3, from _____ to _____ No. 6, from _____ to 25 1957

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casting	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
1 5/8	20.50	1 RD	J-55	25	Harco				surface
1 1/2	15.5	1 RD	J-55	300	Baker				1st 1st
1 3/4	2.3	1 RD	Grade 2	295					2nd 2nd

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5-7/8	93'	100	Circulated		
5-1/2	3011'	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
		see well history.				

TOOLS USED

Rotary tools were used from 0 feet to 13011 feet, and from _____ feet to _____ feet.

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

DATES

-----1-19-57-----, 19----- 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 115,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. ----- 7.50 -----

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2090	2096	Tan to gry cr-grn ss interbedded w/gry sh.
2096	2299	203	Ojo Alamo ss. White cr-grn s.
2299	2599	300	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2599	2890	291	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2890	2958	68	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2958	3011	53	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.

