

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **075060**
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 Luerfano Unit Field Ballard P.C. Ext. State New Mexico
Well No. 53 Sec. 21 T. 26N R. 9W Meridian 10PM County San Juan
Location 1700 ft. N. of S Line and 990 ft. E. of E Line of Section 21 Elevation 6412'

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 W. F. Lovett

Date January 4, 1957 Title Petroleum Engineer

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

Commenced drilling 10-20-56 19_____ Finished drilling 10-23-56 19_____

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

No. 5, from _____ to _____

No. 6, from _____ to _____

RECEIVED

IMPORTANT WATER SANDS

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

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5 7/8"	125	100	Circulated		

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
10-24-56	Set cement plugs	2137-1937	with 60 ex., 1100-1000 w/30 ex., 123-0 w/55 ex.			
	Set marker, well PMA.					

TOOLS USED

Rotary tools were used from 0 feet to 2137 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

P&A 10-24-56, 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in.

EMPLOYEES

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

FORMATION RECORD

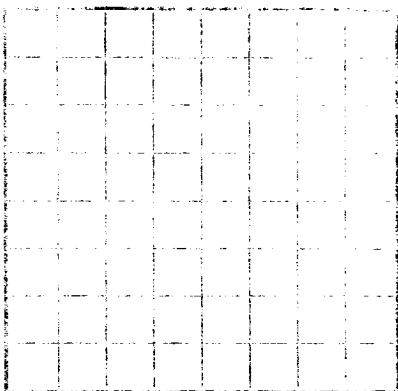
FROM—	TO—	TOTAL FEET	FORMATION
0	1036	1036	Tan to gry cr-grn ss interbedded w/gry sh.
1036	1277	239	Ojo Alamo ss. White cr-grn s.
1277	1693	416	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
1693	2000	307	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2000	2137	137	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.

LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES



LOCATE WELL CORRECTLY

County _____
Town or Range _____
Section _____
Well No. _____
Location _____ of _____
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so far as can be determined from all available records.
Signed _____

W. F. Lewis

OIL OR GAS RINGS OR RINGS



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, 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.

HISTORY OF OIL OR GAS WELL

FROM—	TO—	TOTAL FEET	FORMATION
MUDLOGGING AND CEMENTING RECORD			
Depth	Material	Remarks	Remarks
SHOOTING RECORD			
Depth	Material	Remarks	Remarks
TOOLS USED			
Depth	Material	Remarks	Remarks
MATERIALS AND APPARATUS			
Depth	Material	Remarks	Remarks
MUDLOGGING AND CEMENTING RECORD			
Depth	Material	Remarks	Remarks