

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 080241
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 Siegel Field Artec State New Mexico
 Well No. 1 Sec. 32 T30N R. 11W Meridian N.M.P.M. County San Juan
 Location 1090 ft. N. of S. Line and 940 ft. E. of W. Line of 32 Elevation 5928'

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 _____ well / Fran Wells

Date **February 17, 1958** For Winters - Hatched Area State Title Petroleum Refinery
The summary on this page is for the condition of the well at above date.
Commenced drilling **12-8-58**, 19____ Finished drilling **12-20-53**, 19____

50004*
 cement. 115-53-23 125-53-23
 OIL OR GAS SANDS OR ZONES
 (Denote gas by G)
 No. 1, from 2136' to 2167' (G) No. 4, from
 No. 2, from No. 3, from No. 5, from No. 6, from
 125-53-23 125-53-23 125-53-23 125-53-23

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

CORRESPONDENCE

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
2-5/8"	25.4	S. W.	Armed	121	Armed				Surface
1	1.47	8 Rd.	Youngst.	2143					Prod. Th.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	133	100	Circulated		
5-1/2	2151	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
	Sand-oil					

TOOLS USED

Rotary tools were used from 0 feet to 21.51 feet, and from _____ feet to _____ feet

Cable tools were used from 21.51 feet to 21.67 feet, and from _____ feet to _____ feet

2101 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 130 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. ----- 580 -----

EMPLOYEES

_____, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	350	350	Tan cr-grn ss w/thin sh breaks.
350	560	210	Variegated sh w/thin ss breaks.
560	745	185	Tan to gry cr-grn ss interbedded w/gry sh.
745	888	143	Ojo Alamo ss. White cr-grn s.
888	1837	949	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss.
1837	2136	299	Fruitland formation. Gry carb sh, scattered coals and gry, tight, fine-grn ss.
2136	2167	31	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss.
			Tops
			Ojo Alamo 745
			Kirtland 888
			Fruitland 1837
			P. Cliffs 2136

(OVER)

16-43094-3

LOCATION RECORD-Continued

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[illegible]

Well No. 1, Sec. 32 T30N, R. 11W, N. 10E, 4th Meridian
 Lesson on the subject of _____
 Field Notes _____
 Address _____
 State _____
 County _____

Completed drilling 12-5-53
12-5-53 Set back 5 & 1 foot at 2110. Treated formation with 2200 gallons
diesel oil and 1200# sand.
Injection rate 3 barrels per minute. Flushed with 20 barrels also. (This section
treated 22 MCF. Cased after treatment 139 MCF. Interval treated 2101 - 2167).

12-21-53 Set lane wells 100' deep and 4" diameter. Drilled out 100' and
1955, to 1957, four holes per foot. Treated fluid formation with 1800' sand
2000 gallons oil. Broke formation with 1400#. Maximum pressure 3300#. Injection
rate 2 barrels per minute. Finished with 20 barrels oil. Interval treated 1955, to

Injection with 900#. Injection rate 0.5 cc/min. Interval treated 2151 to 2161. Page 47 MCF. Cage 19 hours after sand-011 280 MCF. Interval treated 2151 to 2161. No. 3 from

[illegible]

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Serial Number	Manufacturer	Model	Part Number	Quantity	Unit Price	Total Price
1	...	...	...	100	1.33	133.00
2	...	...	...	100	1.33	133.00

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from	feet to	feet and from	feet to
Cable tools were used from	feet to	feet and from	feet to

DATES

It gas well out ft. per 24 hours _____ emulsion; and _____% sediment	Put to producing _____, 19____
Gallons gasoline per 1,000 cu. ft. of gas _____ (gravity) _____° Be.	barrels of fluid of which _____% was oil; _____%
The production for the first 24 hours was _____	10____

EMPLOYEES

FORMATION RECORD

[illegible]

FORMATION RECORD—Continued