

Form 9-330

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078912
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 990, Farmington, New Mexico
Lessor or Tract Lindrith Field So. Blanco P. C. State New Mexico
Well No. 40 Sec. 10 T. 24N R. 3-W Meridian N.M.P.M. County Rio Arriba
Location 1100 ft. ^[N.] of S Line and 840 ft. ^[E.] of W Line of Section 10 Elevation 6915
(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 _____ Original Signed D. W. Machan

Date August 21, 1961 Title Petroleum Engineer

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

Commenced drilling 6-16, 1961 Finished drilling 6-30, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3111 to 3153 (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	Perforated		Purpose
							From—	To—	
8 5/8"	6.4	8 rd	3-55	3173	Baker				Surface
2 7/8"									Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	107	140	circulated		
2 7/8"	3283	220	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
3 1/2"	Water free Pictured Cliffs w/25,519 gal water, 25,000# sand. Flush with 90# gallons. 3100#, max pr 4000#, tr pr 3300-3100-3400#. I.N. 15 BPA.					

TOOLS USED

Rotary tools were used from 0 feet to 3181 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

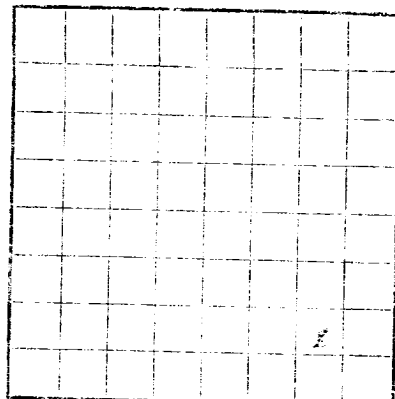
S.Y. 7-22, 1961 Put to producing _____, 19____
The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____%
emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____
If gas well, cu. ft. per 24 hours 2,804,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 967(casing) Ch. Volume - 2610 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2666	2666	Not logged
2666	2814	148	Ojo Alamo ss. White cr-grn s.
2814	2960	146	Kirtland form. Gry, sh interbedded w/tight gry fine-grn ss.
2960	3111	151	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3111	3153	42	Pictured Cliffs forms. Gry, fine-grn, tight, varicolored soft ss.
3153	3181	28	Lewis form. Gry, fine-grn, dense sil ss.



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

D to August 2, 1937
 This Petroleum Engineering
 Company, Inc. is a corporation organized under the laws of the State of New Mexico.
 The information given herein is a complete and correct record of the well and all work done thereon
 as far as can be determined from all available records.
 Signed: _____
 Charles E. Smith, President
 Location: _____
 Sec. 10, T. 24N. R. 3E. W. 10E. Meridian
 Well No. _____
 Lessor or Trust _____
 Company, Inc.
 Address: _____
 State of New Mexico

Continued drilling _____ 1943 _____
 Finished drilling _____ 1943 _____
 The summary on this page is for the entire year.

(D) 1995

No. 1, from _____ to _____	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

IMPORTANT WATER BANDS

to from No. 1
to from No. 2

CASING RECORD

Casing	Depth	Through hole	Mining	Amount	Kind of shoe	Cut and bolted from	To—	Remarks

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 date, size, position, and whether shot-holes or left in the well, give its date 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 bailing.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE
16-40984-2

HISTORY OF OIL OR GAS WELL

MIDDING AND CEMENTING RECORD

Shoe casting	White set	Number pairs of cement	Method used	Kind of gravel	Amount of material used
101	101	101	101	101	101
102	102	102	102	102	102

PLUGS AND ADAPTERS

Heaving plug—Material	Length	Depth
Abutments—Material	Size	

SHOOTING RECORD

Size	Shell used	Estimated cost	Quantity	Date	Depth shot	Credits obtained out
3 1/2 - 4 1/2		Water Line Estimated 2111 e W.M. 110 and 1100				2000 - 1000
3 1/2 - 4 1/2		250 gal. 1000				2000 - 1000
						2000 - 1000

TOOLS USED

[illegible]

DATE

emulsion, % water; and	% sediment	10	10
The production for the first 24 hours was		10	10
batches of kind of which		10	10
% was oil; %		10	10
Put in producing		10	10

It gas well, out 12. per 24 hours 2,000,000
 Rock pressure lbs. per sq. in. 400 (average)
 Oil Volume 335,000 bbl.
 Gallons gasoline per 1,000 cu. ft. of gas 1.5

EMPLOYEES

Driller		Driller	
Driller		Driller	

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
3000	3000	0	Not logged
2950	2950	50	Uto Alamo ss. White or gray ss.
2900	2900	50	Wichita form. Gray ss interbedded w/ sand ss.
2850	2850	50	line-ss.
2800	2800	50	Wichita form. Int. sand ss. scattered coals.
2750	2750	50	coals and gray, light. line-ss.
2700	2700	50	Phosford Clinton form. Gray, line-ss. light.
2650	2650	50	unbedforded ss.
2600	2600	50	Wichita form. Gray, line-ss. dense ss.

FORMATION