

[illegible]

LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079364
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 Rincon Unit Field So. Blanco P.C. State ^(Ext) New Mexico
Well No. 28 Sec 29 T. 27N R. 3W Meridian NMPM County El Arriba
Location 1080 ft. ~~N~~ ^S of N Line and 1650 ft. ~~E~~ ^W of E Line of Section 29 Elevation 6 2

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 _____
Title Petroleum Engineer

Date July 27, 1954

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

Commenced drilling ----- **June 5** -----, 19-54. Finished drilling ----- **June 21** -----, 19-54.

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3012-3111 to 3135 (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. 2, from _____ to _____

No. 3, 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—	
9 5/8	25.4	S.T.	Armco	94	Armco				Surf se.
5 1/2	14.50	8 RD	Spang	4300	Howe				Good Casing
1	1.50	RD	Youngstown	3172	E SH OK CND MENT				Good Casing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	105	125	Circulated		
5 1/2	3112	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 0 feet to 3112 feet, and from feet to feet.

Cable tools were used from 3112 feet to 3185 feet, and from feet to feet.

DATES

June 23, 19 54 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 1,685,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. -----~~1008~~-----

EMPLOYEES

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

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	750	750	Tan cr-grn ss w/tain sh breaks.
750	1690	940	Variegated sh w/thin ss breaks.
1690	2490	800	Ran to gry cr-grn ss interbedded w/gry sh.
2490	2567	77	Ojo Alamo ss. White cr-grn s.
2567	2942	375	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss.
2942	3111 3012	70 169	Fruitland formation. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3111 3012	3185	173 74	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss.

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16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

6-21-54, Total Depth 3105', interval treated 3112' to 3185'

Treated Pictured Cliffs formation, through casing with 8370 gallons #2 diesel oil and 5600# sand. Breakdown pressure 900#, maximum pressure 900#. Injection rate 7 barrels per minute. Flushed with 2608 gallons oil. Natural gage, too small to measure. Gage 12 hours after treatment 600 MCF.

OIF 18 OCT 84 JLT CM BOMER

The accuracy of this page is for the condition of the data as reported.

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The information given here is a summary and cannot be used as the basis for any legal action. It is not intended to be used as evidence in any court of law. It is not intended to be used as evidence in any court of law. It is not intended to be used as evidence in any court of law.

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PODOLSKAYA SVERLOVA

NOV 22 1964

ERGONOMICS, 1997, VOL. 40, NO. 12, 1215-1224

DEFINITION OF THE PROBLEM

0 CUBO ALVIER

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CLARK, P. 1969. p. 103-104.

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