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LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSanta Fe
U. S. LAND OFFICE
SERIAL NUMBER 078389
LEASE OR PERMIT TO PROSPECT

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Lucerne Field Blanco State New Mexico
Well No. 2-A Sec. 9 T. 31N R. 10W Meridian NMPM County San Juan
Location 890 ft. S. of N Line and 1650 ft. E. of E Line of Section 9 Elevation 6173'
(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 S. SchulerDate September 27, 1954Title Petroleum Engineer

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

Commenced drilling August 11, 1954 Finished drilling September 6, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2956 to 3025 (G) No. 4, from 5200 to 5308 (G)
No. 2, from 4670 to 4855 (G) No. 5, from _____ to _____
No. 3, from 4855 to 5200 (G) 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	
9 5/8	25.4	Spiral Wld	Armco	158	Armco				Surface
7	12.5	8 RD	Foreign	4846	Baker				Prod. 8sg.
2"	4.7	8 RD	Youngstown	5331					Prod. 10sg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	168	125	Circulated		
7	4655	500	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 Back.						

TOOLS USED

Gas Drilling

Rotary tools were used from 0 feet to 4655 feet, and from 4655 feet to 5360 feet

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

DATES

September 9, 1954 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 3,848,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1010

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	694	694	Tan cr-grn ss w/thin sh breaks.
694	1280	586	Variegated sh w/thin ss breaks.
1280	1945	665	Tan to gry cr-grn ss interbedded w/gry sh.
1945	2063	118	Ojo Alamo ss. White cr-grn s. Tops 1945.
2063	2542	479	Kirtland Form. Gry sh interbedded w/tight gry fine-gry ss. Tops 2063.
2542	2956	414	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss. Tops 2542.
2956	3025	69	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss. Tops 2956.
3025	4670	1645	Lewis form. Gry to white dense sh w/silty to shaly ss breaks. Tops 3025.
4670	4855	185	Cliff House ss. Gry, fine-grn, dense sil ss. Tops 4670.
4855	5200	345	Menefee form. Gry, fine-grn ss, carb sh and coal. Tops 4855.
5200	5308	108	Point Lookout form. Gry, very fine sil ss frequent sh breaks. Tops 5200.
5308	5360	52	Mancos formation. Gry carb sh. Tops 5308.

FROM

TO

TOTAL FEET

[OVER]

FORMATION

16-43094-3

FORMATION RECORD—Continued

