

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **078414**
LEASE OR PERMIT TO PROSPECT _____

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LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **El Paso Natural Gas Co.** Address **P.O. Box 997 Farmington**
Lessor or Tract **Day** Field **Blanco** State **New Mexico**
Well No. **3-A** Sec. **8** T. **29N** R. **3W** Meridian **N.M.P.M.** County **San Juan**
Location **979** ~~1639~~ of **1** Line and **1639** ~~1639~~ of **1** Line of **Section 8** Elevation **6473'**
(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 E. J. Coel**

Date **February 4, 1953** Title **Petroleum Engineer.**

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

Commenced drilling **November 4**, 19**52** Finished drilling **December 4**, 19**52**

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

No. 1, from **4726** to **4918 (G)** No. 4, from _____ to _____
No. 2, from **5317** to **5437 (G)** No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

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

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	From—	To—	Purpos
9 5/8	25.4	8	SPIN-W	161'	HOWCO				
7"	23	8	SPIN-W	1673'	HOWCO				
2"	4.7	8	Youngs	5462					Prod Tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	173'	125	Circulated		
7"	4685'	300	Sing. 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
Quart	Regular	S.N.G.	1680	12-5	4723-5533'	5533'

TOOLS USED

Gas Drilling

Rotary tools were used from **0** feet to **4685'** feet, and from **4685** feet to **5533'** feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____
December 6 **52**
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. **3,060,000**

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2196	2196	Tan coarse-grn ss W/thin sh breaks.
2196	2814	618	Kirtland formation. Gry sh interbedded W/tight gry fine-grn ss. Top Kirtland 2196.
2814	3134	320	Fruitland formation. Gry carb sh, scattered coals and gry, tight, fine grn ss. Top Fruitland 2814.
3134	3224	90	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 3134.
3224	4726	1502	Lewis formation. Gry to white dense sh W/silty to shaly ss breaks. Top Lewis 3224.
4726	4918	192	Cliff House ss. Gry, fine-grn, dense siliceous ss. Top Cliff House 4726.
4918	5317	399	Menefee formation. Gry, fine-grn sands, carb sh and coal. Top Menefee 4918.
5317	5437	120	Point Lookout formation. Gry, very fine siliceous ss W/frequent sh breaks. Top Point Lookout 5317.
5437	5535 TD	98	Mancos formation. Gry carb sh. Top Mancos 5437.