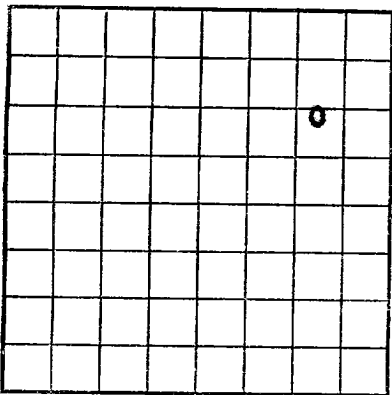


U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **078414**
LEASE OR PERMIT TO PROSPECT _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **El Paso Natural Gas Co.** Address **P. O. Box 997 Farmington**
Lessor or Tract **Day** Field **Blanco** State **New Mexico**
Well No. **2-A** Sec. **7** T. **29N** R. **8W** Meridian **N.M.P.M.** County **San Juan**
Location **1550** ft. **N.** of **N** Line and **990** ft. **E.** of **E** Line of **Section 7** Elevation **6188**
(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 **June 20,** 19**52** Finished drilling **November 13** 19**52**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **4416** to **5158 (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 **1824** to **1885** 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	8	Spr. W	166'	HONG				Surface
7"	20	8	Spang	4370'	HONG				Prod. casg.
2"	4.7	8	Spang	4134'					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	176'	125	Circulated		
7"	4370'	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.W.G.	1830	11-7	4415-5229	5229

TOOLS USED

Rotary tools were used from **0** feet to **4370** feet, and from **4370** feet to **5229** feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

November 13, 19**52** 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 **5,535,000** Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. **1082**

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	823	823	Tan coarse-grn ss W/thin sh breaks.
823	1550	727	Variegated sh W/thin ss breaks.
1550	1824	274	Tan to gry coarse-grn ss interbedded W/gry sh.
1824	1885	61	Ojo Alamo ss. White coarse-grn sand. Top Ojo Alamo 1824.
1885	2526	641	Kirtland formation. Gry sh interbedded W/tight gry fine-grn ss. Top Kirtland 1885.
2526	2826	300	Fruitland formation. Gry carb sh, scattered coals and gry, tight, fine-grn ss. Top Fruitland 2526.
2826	2878	52	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 2826.
2878	4416	1538	Lewis formation. Gry to white dense sh W/silty to shaly ss breaks. Top Lewis 2878.
4416	4590	174	Cliff House ss. Gry, fine-grn, dense siliceous ss. Top Cliff House 4416.
4590	5036	446	Manefee formation. Gry, fine-grn sands, carb sh and coal. Top Manefee 4590.
5036	5158	122	Point Lookout formation. Gry, very fine siliceous ss W/frequent sh breaks. Top Point Lookout 5036.
5158	5229	71	Mancos formation. Gry carb sh. Top Mancos 5158.

