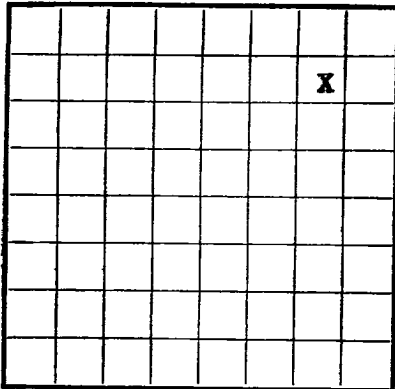


U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **079487-A**
LEASE OR PERMIT TO PROSPECT **14-08-001-1056**

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 997, Farmington, New Mexico**
Lessor or Lessee **El Paso Natural Gas Company** Field **El Blanco Field** State **New Mexico**
Well No. **100** Sec. **19** T. **30N** R. **4E** Meridian **N** County **Chile** State **New Mexico**
Location **667 ft. S. of Line and 393 ft. W. of Line of Section 19** Elevation **7522'**
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 **E. S. Olney**
Date **August 4, 1955** Title **Petroleum Engineer**

The summary on this page is for the condition of the well at above date.
Commenced drilling **June 28, 1955** Finished drilling **August 2, 1955**

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

No. 1, from **100** to **4475 (G)** No. 4, from **6632** to **6715 (G)**
No. 2, from **6382** to **6382 (G)** No. 5, from **6715** to **6715 (G)**
No. 3, from **6382** to **6382 (G)** No. 6, from **6715** to **6715 (G)**
IMPORTANT WATER SANDS
No. 1, from **100** to **4475** No. 3, from **6715** to **6715**
No. 2, from **6382** to **6382** No. 4, from **6632** to **6715**

CASING RECORD

Size casing	Weight per foot	Threads per inch	Material	Amount	Head applied	Cut and pulled from	Use suggested	Purpose
9 5/8"	25.44	P.E.	S.W.	332'	Arco			Surface
7"	2.44	10 RD	Grade B	4259'				Prod. Log.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	347'	250	Circulated		
7"	6286'	300	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
Quart	Regular	GNB	1110	10-8-52	6378-6748	6684

See Well History.

TOOLS USED

Rotary tools were used from _____ feet to **6748** feet, and from _____ feet to _____ feet
Cable tools were used from **P.B. 4400'** feet to _____ feet, and from _____ feet to _____ feet

DATES

June 21, 19**55** 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 **970,000** Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. **1160**

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	718	718	Tan cr-grn ss w/thin sh breaks.
718	1605	887	Variegated sh w/thin sh breaks.
1605	3705	2100	Tan to gry cr-grn ss interbedded w/gry sh.
3705	3813	108	Ojo Alamo ss. White cr-grn s.
3813	4120	307	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
4120	4248	128	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
4248	4475	227	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
4475	6382	1907	Levis formation. Gry to white dense sh w/silty to shaly ss breaks.
6382	6438	56	Cliff House ss. Gry, fine-grn, dense sil ss.
6438	6632	194	Manefee form. Gry, fine-grn s, carb sh & coal.
6632	6715	83	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
6715	6748 T.D.	33	Mancos formation. Gry carb sh.

[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
SEP 19 1955
OIL COAL ROOM
DIST 3
DEPT 3

6-9-55
6-10-55
6-11-55
6-12-55
6-15-55
6-16-55
6-17-55
6-18-55
6-19-55
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6-26-55
6-27-55
6-28-55
6-29-55
6-30-55

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-53094-2

SHIPPING AND CEMENTING RECORD

[illegible]

PLUGS AND ADAPTERS

to the

SHOOTING RECORD

Size	Small ones	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Small	100 lbs	100 lbs	100	10-10-1918	100	100

FOOT USED

Rotary tools were used from	test to	test, and from	test to
Cable tools were used from	test to	test, and from	test to

DATE

If gas well, no. fl. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____ Gravity, 60° _____ Paraffin of light of which _____ % was oil; _____ % Put to producing _____ 19____	The production for the first 24 hours was _____ _____ % water; and _____ % sediment. _____ 21 _____ 19____
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EMPLOYEES

[illegible]

FORMATION RECORD

[illegible]