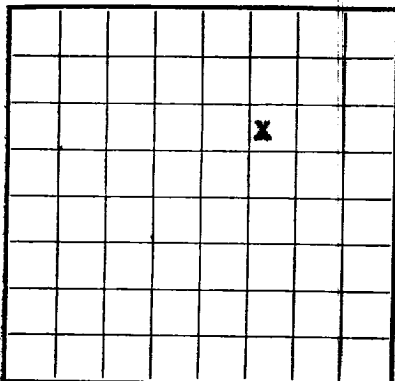




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **New Mexico**
SERIAL NUMBER **013860-A**
LEASE OR PERMIT TO PROSPECTUNITED STATES **RECEIVED**
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY SEP 17 1959U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company **El Paso Natural Gas Company** Address **Box 997, Farmington, New Mexico**
Lessor or Tract **Russell** Field **Blanco** State **New Mexico**
Well No. **4** Sec. **24** T. **28N** R. **8W** Meridian **N.M.P.M.** County **San Juan**
Location **1500** ft. **S.** of **N.** Line and **1650** ft. **W.** of **N.** Line of **Section 24** Elevation **6223'**
(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 B.M. MEANS**Date **September 16, 1959**Title **Petroleum Engineer**

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

Commenced drilling **6-27**, 19 **59** Finished drilling **8-5**, 19 **59**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2786** to **2910 (G)** No. 4, from **4955** to **5110 (G)**No. 2, from **4439** to **4555 (G)** No. 5, from _____ to _____No. 3, from **4555** to **4955 (G)** No. 6, from _____ to _____

No. 7, from _____ to _____ No. 8, from _____ to _____

No. 9, from _____ to _____ No. 10, from _____ to _____

No. 11, from _____ to _____ No. 12, from _____ to _____

No. 13, from _____ to _____ No. 14, from _____ to _____

No. 15, from _____ to _____ No. 16, from _____ to _____

No. 17, from _____ to _____ No. 18, from _____ to _____

No. 19, from _____ to _____ No. 20, from _____ to _____

No. 21, from _____ to _____ No. 22, from _____ to _____

No. 23, from _____ to _____ No. 24, from _____ to _____

No. 25, from _____ to _____ No. 26, from _____ to _____

No. 27, from _____ to _____ No. 28, from _____ to _____

No. 29, from _____ to _____ No. 30, from _____ to _____

No. 31, from _____ to _____ No. 32, from _____ to _____

No. 33, from _____ to _____ No. 34, from _____ to _____

No. 35, from _____ to _____ No. 36, from _____ to _____

No. 37, from _____ to _____ No. 38, from _____ to _____

No. 39, from _____ to _____ No. 40, from _____ to _____

No. 41, from _____ to _____ No. 42, from _____ to _____

No. 43, from _____ to _____ No. 44, from _____ to _____

No. 45, from _____ to _____ No. 46, from _____ to _____

No. 47, from _____ to _____ No. 48, from _____ to _____

No. 49, from _____ to _____ No. 50, from _____ to _____

No. 51, from _____ to _____ No. 52, from _____ to _____

No. 53, from _____ to _____ No. 54, from _____ to _____

No. 55, from _____ to _____ No. 56, from _____ to _____

No. 57, from _____ to _____ No. 58, from _____ to _____

No. 59, from _____ to _____ No. 60, from _____ to _____

No. 61, from _____ to _____ No. 62, from _____ to _____

No. 63, from _____ to _____ No. 64, from _____ to _____

No. 65, from _____ to _____ No. 66, from _____ to _____

No. 67, from _____ to _____ No. 68, from _____ to _____

No. 69, from _____ to _____ No. 70, from _____ to _____

No. 71, from _____ to _____ No. 72, from _____ to _____

No. 73, from _____ to _____ No. 74, from _____ to _____

No. 75, from _____ to _____ No. 76, from _____ to _____

No. 77, from _____ to _____ No. 78, from _____ to _____

No. 79, from _____ to _____ No. 80, from _____ to _____

No. 81, from _____ to _____ No. 82, from _____ to _____

No. 83, from _____ to _____ No. 84, from _____ to _____

No. 85, from _____ to _____ No. 86, from _____ to _____

No. 87, from _____ to _____ No. 88, from _____ to _____

No. 89, from _____ to _____ No. 90, from _____ to _____

No. 91, from _____ to _____ No. 92, from _____ to _____

No. 93, from _____ to _____ No. 94, from _____ to _____

No. 95, from _____ to _____ No. 96, from _____ to _____

No. 97, from _____ to _____ No. 98, from _____ to _____

No. 99, from _____ to _____ No. 100, from _____ to _____

No. 101, from _____ to _____ No. 102, from _____ to _____

No. 103, from _____ to _____ No. 104, from _____ to _____

No. 105, from _____ to _____ No. 106, from _____ to _____

No. 107, from _____ to _____ No. 108, from _____ to _____

No. 109, from _____ to _____ No. 110, from _____ to _____

No. 111, from _____ to _____ No. 112, from _____ to _____

No. 113, from _____ to _____ No. 114, from _____ to _____

No. 115, from _____ to _____ No. 116, from _____ to _____

No. 117, from _____ to _____ No. 118, from _____ to _____

No. 119, from _____ to _____ No. 120, from _____ to _____

[illegible]

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

The information given herein is a complete and correct record of the well and all work done thereon as far as can be determined from all available records.

Signed _____

ORIGINAL SIGNED B.M. MEANS

(The blank space between the signature and the original signed B.M. Means is left for the purpose of affixing a seal or stamp.)

Location _____ of _____ ft. [W.] _____ ft. line and _____ ft. line of _____ of _____ Elevation _____

Well No. _____ Sec. _____ T. _____ R. _____ Meridian _____

Lessor or Tract _____

Company _____

Address _____ Box _____, _____, New Mexico _____

Field _____

State _____

New Mexico _____

Commenced drilling _____, 19 ____
Finished drilling _____, 19 ____
The summary on this page is for the condition of the well at above date.
Date _____
This _____

OIL OR GAS SANDS OR ZONES

(T) (D)

[illegible]

Casing	Butt joint	Joint	Name	Amount	Kind of shoe	Cut and pulled from	From	To	Purpose
It is of the greatest importance to have a complete history of the well. Please state in detail the dates of drilling, together with the reason for the stop and its result. If there were any changes made in the casing, state fully, and if any casing was sidetracked, or left in the well, state the date and location. If the well has been dynamited, give date, size, position, and amount of shot. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.									

HISTORY OF OIL OR GAS WELL

[illegible]

MUDDING AND CEMENTING RECORD

ending Size	Hire cost	Number loads of cement	Method used	Mud gravity	Amount of mud used
6 1/2"	\$40	18	Cement test		
7 1/2"	\$45	19	Cement test		
8 1/2"	\$50	20	Cement test		

U.S. AND FOREIGN

	Length	Weight	Sex	Age	Notes
10-11-68	10.5	1.2	M	Ad	1st yearling - 1st yearling
10-11-68	10.5	1.2	F	Ad	1st yearling - 1st yearling

SHOOTING RECORD

[illegible]

TOOLS USED

Botany tools were used from	feet to	feet and from	feet to	feet and from	feet to
Table tools were used from	feet to	feet and from	feet to	feet and from	feet to

DATES

It gas well, can be per 24 hours 4.75-5.00 Gallons gasoline per 1,000 cu. ft. of gas Gravity, 0.84.	10 10 10	The production for the first 24 hours was 10 10 10	Put to producing 10 10 10
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EMPLOYEES

Driller	Driller		
Driller	Driller		

FORMATION RECORD

FORMATION	TOTAL FEET	TO—	FROM—
Mancoes formation. Grey calc. sh.	11	211	211
W/first an breccia.			
Lower loam. G. very fine sh	12	211	223
House loam. G. fine-gr. & calc. sh	400	251	253
Cliff House sh. G. fine-gr. base sh. sh.	116	367	483
to shaly an breccia.			
Lower formation. G. to white dense sh w/ thin	1252	497	622
ventricled soft sh.			
fractured little loam. G. fine-gr. light,	184	681	865
coals and G. light, fine-gr. sh.			
fractured loam. G. sh. sh. scattered coals,	210	891	1101
grey fine-gr. sh.			
fractured loam. G. sh. interbedded w/ light	222	1113	1335
the same sh. white sh. sh.	220	1333	1553
then to G. sh. sh. interbedded w/ grey sh.	1036	1553	1656