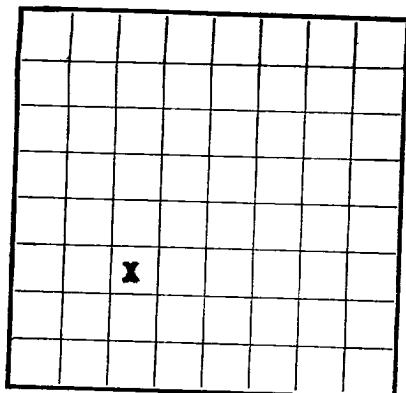


U. S. LAND OFFICE **New Mexico**SERIAL NUMBER **031860**

LEASE OR PERMIT TO PROSPECT

RECEIVED
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OIL CON. COM.
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DEPARTMENT OF THE INTERIOR
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WASHINGTON

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company **El Paso Natural Gas Company** Address **Box 997, Farmington, New Mexico**
Lessor or Tract **Russell** Field **Wildcat** State **New Mexico**
Well No. **1-A** Sec. **23** T. **28N** R. **8W** Meridian **N.M.P.M.** County **San Juan**
Location **1550** ft. **[N.]** of **1** Line and **1850** ft. **[W.]** of **5** Line of **Sec. 23** Elevation **5904**
(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

Date **January 31, 1958**Title **Petroleum Engineer**

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

Commenced drilling **1-9**, 19 **58** Finished drilling **1-13**, 19 **58**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2400** to **2495** No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

No. 1, from **2400** to **2495** No. 4, from **2400** to **2495**
No. 2, from **2400** to **2495** No. 5, from **2400** to **2495**
No. 3, from **2400** to **2495** No. 6, from **2400** to **2495**

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8 5/8	24.5	P.R.	SW	114'	Hawco				Surface
5 1/2	21.7	P.R.	SW	114'	Hawco				Surface
1 1/4	8.4	8 Rd.	Grade "A"	2468					Prod. tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	124	100	Circulated		
5 1/2	2517	150	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

TOOLS USED

Rotary tools were used from **0** feet to **2520** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

January 18, 19 **58** 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 **2,956,000** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **1041** **A.O.F. 3158 MCF/D**

EMPLOYEES

_____, Driller _____ Driller
_____, Driller _____ Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1460	1460	Tan to gry cr-grn ss interbedded w/gry sh.
1460	1577	117	Ojo Alamo ss. White cr-grn s.
1577	2105	528	Kirtland form. Gry sh interbedded w/tight gry fine grn ss.
2105	2400	295	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2400	2495	95	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2495	2520	25	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.

LOCALITY WELL CORRECTED

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

157 Mexico
1000
1000

The information given herewith 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 _____

Location [] of [] time and [] of []
[] N. [] E. [] W.
Well No. [] Sec. [], T. [] S., R. [] W., Meridian
County, State of []
Field [] State New Mexico
Address [] [] []
Company [] [] []

10-11-1954

1-17-58
F. D. 2501, C.O.D. 2503, Hotel Grand F. C. Port. Ant. 2514-2521;
2480-2492 w/33,600 gal. water & 40,000 sand. HD pr. 3000¢, max. pr.
3000¢, tr. pr. 1600, 1700, 1800, 2100¢. I. R. 55 pbl./min. flush
8400 gal. water. 2500-2502 20 wells for 3 stages.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "added on" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. 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

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