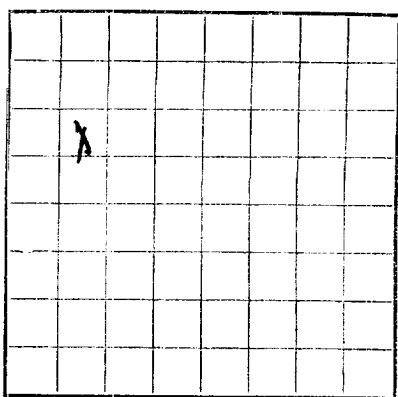


U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **077941-A**
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **El Paso Natural Gas Company** Address **Box 997 Farmington, New Mexico**
Lessor or Tract **Rowley** Field **Fulcher-Kutz** State **New Mexico**
Well No. **1-C** Sec. **28** T. **27N** R. **10W** Meridian **N. M. P. M.** County **San Juan**
Location **1650** ft. **N.** of **N** Line and **990** ft. **E.** of **W** Line of **Section 28** Elevation **6052**
(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 **June 23, 1953**Title **Petroleum Engineer**

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

Commenced drilling **March 9**, 19 **53** Finished drilling **May 13**, 19 **53**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **1768** to **1820 (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 _____ to _____ 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	S. W.	ARMCO	123'	ARMCO				Surface
5 1/2	17	8	Spang	1768	ARMCO				
1"	1.68	8	Std. B&L	1820	OF OIL OR GAS WELL				Prod. Tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	128'	100	Circulated		
7"	1773'	150	Slag 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.M.G.	110	5-13	1776-1820	1820

TOOLS USED

Rotary tools were used from **0** feet to **1773** feet, and from _____ feet to _____ feet
Cable tools were used from **1773** feet to **1820** feet, and from _____ feet to _____ feet

DATES

May 15, 19 **53** 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 **223,000** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **135-288 (?) 3/4 P**

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	285	285	Tan cr-grn ss w/thin sh breaks.
285	450	165	Variegated sh w/thin ss breaks.
450	767	317	Tan to gry cr-grn ss interbedded w/gry sh.
767	885	118	Ojo Alamo ss. Wh cr-grn s. Top Ojo Alamo 767.
885	1495	610	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Top Kirtland 885.
1495	1768	273	Fruitland formation. Gry carb sh, scattered coals and gry, tight, fine-grn ss. Top Fruitland 1495.
1768	1820	52	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 1768.

