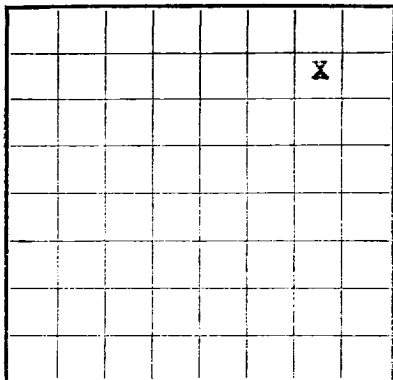


U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **077106**
LEASE OR PERMIT TO PROSPECT ☒

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **El Paso Natural Gas Co.** Address **Box 997, Farmington, New Mexico**
Lessor or Tract **Lackey** Field **Blanco** State **New Mexico**
Well No. **11-B** Sec. **30** T. **28N** R. **9W** Meridian **N.M.P.M.** County **San Juan**
Location **890** ft. **N.** of **N** Line and **1180** ft. **E.** of **E** Line of **Section 30** Elevation **5946'**
(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 D. C. Johnston**
Date **June 27, 1957** Title **Petroleum Engineer**

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

Commenced drilling **2-3**, 19**57** Finished drilling **5-7**, 19**57**

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

No. 1, from **2087** to **2175 (G)** No. 4, from **4370** to **4533 (G)**
No. 2, from **3703** to **3788 (G)** No. 5, from _____ to _____
No. 3, from **3788** to **4370 (G)** No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____
No. 2, from _____ to _____ No. 4, from _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10-3/4"	32.75	P.E.	S.W.	161'	Howco				surface
7-5/8"	26.4	8 BL.	J-55	4218'	Howco				Producing.
5-1/2"	22.2	8 BL.	J-55	349'	Howco				Producing.
2"	4.7	6 BL.	J-55	342'	Howco				Producing.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	171'	200	circulated		
7-5/8"	4230'	300	two stages (150 aks. each stage)		
5-1/2"	4185-4554'	100	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
			See Well History			

TOOLS USED

Was Drilled

Rotary tools were used from **175** feet to **4235** feet, and from **4235** feet to **4560** feet
Cable tools were used from **0** feet to **175** feet, and from _____ feet to _____ feet

DATES

5-12, 19**57** 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 **4,019,000** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **1059** **A.O.F. = 6362 MCF/D**

EMPLOYEES

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

FORMATION RECORD

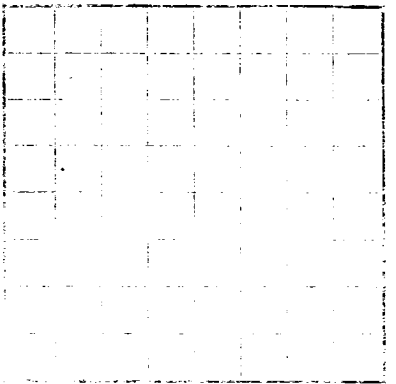
FROM—	TO—	TOTAL FEET	FORMATION
0	950	950	Tan to gry cr-grn ss interbedded w/gry sh.
950	1151	201	Ojo Alamo ss. White cr-grn s.
1151	1813	662	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
1813	2078	265	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2078	2175	97	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2175	3703	1528	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
3703	3788	85	Cliff House ss. Gry, fine-grn, dense sil ss.
3788	4370	582	Manefee form. Gry, fine-grn s, carb sh & coal.
4370	4533	163	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks
4533	4560	27	Mancos formation. Gry carb sh.

12-10-63

U.S. LAND OFFICE
STANDARD FORM NO. 100-10
PLEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



Company: El Paso Electric Co. Well No. 1 Location: El Paso, Texas

Owner: El Paso Electric Co. State: Texas County: El Paso

Location: El Paso, Texas Section: 1 Township: 10N Range: 10E

The information was obtained from a complete log of the well and all available records.

Signature: John D. Smith Date: 12-10-63

Witness: John D. Smith Date: 12-10-63

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