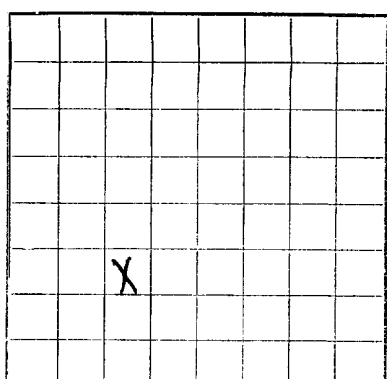


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 077941-A
LEASE OR PERMIT TO PROSPECT _____

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 Pulcher-Kutz State New Mexico
Well No. 2-C Sec. 28 T. 27N. R. 10W Meridian N. M. P. M. County San Juan
Location 1650 ft. N. of S. Line and 1650 ft. E. of W. Line of Section 28 Elevation 6065'
(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 E. U. WoolchDate June 23, 1953Title Petroleum Engineer

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

Commenced drilling March 18, 19 53 Finished drilling May 18, 19 53

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1778 to 1836 (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	116	ARMCO				Surface Cag.
5 1/2	15.5	8 R	Spang	1777	Halliburton				Prod. Cag.
1"	1.68	8 R	Std. Blk.	1820					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	121	100	Circulated		
5 1/2	1782	150	Sing. 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.N.C.	130 qts.	5/19/53	1784-1836	1836

TOOLS USED

Rotary tools were used from 0 feet to 1782 feet, and from _____ feet to _____ feet
Cable tools were used from 1782 feet to 1836 feet, and from _____ feet to _____ feet

DATES

May 21, 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 108,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 485

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	290	290	Tan cr-grn ss w/thin sh breaks.
290	525	235	Variegated sh w/thin ss breaks.
525	800	275	Tan to gry cr-grn ss interbedded w/gry sh.
800	888	88	Ojo Alamo ss. Wn cr-grn s. Top Ojo Alamo 800.
888	1410	522	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Top Kirtland 888.
1410	1778	368	Fruitland formation. Gry carb sh, scattered coals and gry, tight, fine-grn ss. Top Fruitland formation 1410.
1778	1836	58	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 1778.

