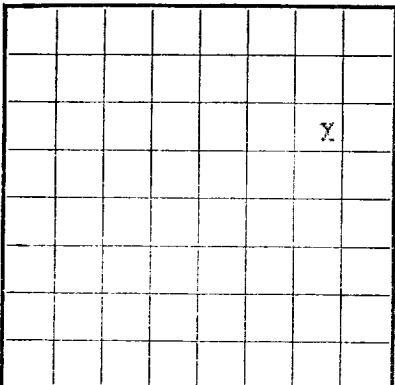


U. S. LAND OFFICE Jicarilla Tribal
SERIAL NUMBER Con. #4, Tract
LEASE OR PERMIT TO PROSPECT #121



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 Jicarilla Field Wildcat State New Mexico
Well No. 1-E Sec. 19 T. 25N R. 4E Meridian NMPM County Rio Arriba
Location 1580 ft. Box of N Line and 1040 ft. Box of E Line of Section 19 Elevation 7369'
(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 Fr. Boyd

Date June 6, 1956 Title Petroleum Engineer

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

Commenced drilling April 23, 19 56 Finished drilling April 30, 19 56

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3648 to 3715 (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	P.E.	S.W.	121'	Howco				Surface
5 1/2"	15.8	8 RD	J-55	3783'	Baker				Producing
2 1/2"	4.77	8 RD	J-55	3637'					Producing
HISTORY OF CUT OF THIS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	133'	100	Circulated		
5 1/2"	3715'	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 _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

May 3, 19 56 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 17,630,000 A.G.P. 3 hr. test thru 3/4" Ch. 5420 MCF/D. Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1025

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3108	3108	Tan to gry cr-grn ss interbedded w/gry sh.
3108	3220	112	Ojo Alamo ss. White cr-grn s.
3220	3485	265	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3485	3648	163	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3648	3715	67	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

[illegible]

Government drilling _____, 19____. Finished drilling _____.

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

(Denote α by α)

IMPORTANT WATER BANDS

2550#, Breakdown pressure 2550#, Casing pressure 2850#. Injection

HISTORY OF OIL OR GAS WELL

[illegible]