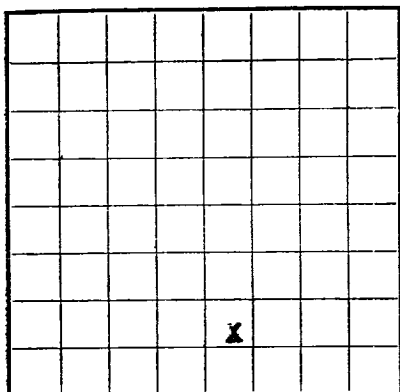
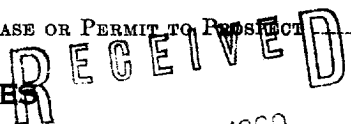




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **079266**
LEASE OR PERMIT TO PROSPECT

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Vaughn Field Wildcat Chacra State New Mexico
Well No. 4 (PC-C) Sec. 29 T. 26N R. 6W Meridian N.M.P.M. County Rio Arriba
Location 1306 ft. N. of S. Line and 2000 ft. W. of E. Line of Section 29 Elevation 6449'
(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.

ORIGINAL SIGNED J.J. ILLERSON

Date January 14, 1960 Title Petroleum Engineer

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

Commenced drilling 10-18, 1959 Finished drilling 10-15, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2590 to 2652 (G) No. 4, from _____ to _____
No. 2, from 3465 to 3631 (G) No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

No. 1, from 2590 to 2652 (G) No. 3, from 2652 (G) to 3465
No. 2, from 3465 to 3631 (G) No. 4, from _____ to _____

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	From—	To—	Purpose
10 3/4	4.7	8 Ra.	J-55	3535					Prod. Tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	171	110	Circulated		
7"	3630	330	Single Stage		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size Baker Model "D" Packer at 3348'

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 3631 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

10-27, 1959 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 2,343,000 Gallons gasoline per 1,000 cu. ft. of gas _____
1,502,000

Rock pressure, lbs. per sq. in. PC-26; C-902 A.O.F. = P.C. 2471; Chacra 1776 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1910	1910	Tan to gry cr-grn ss interbedded w/gry sh.
1910	2102	192	Ojo Alamo ss. White cr-grn s.
2102	2333	231	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2333	2590	257	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2590	2652	62	Pictured Cliffs form. Gry, fine-grn tight, varicolored soft ss.
2652	3465	813	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
3465	3631	166	Chacra form. Gry fn grn silty, galuconitic sd stone with drk gry shale.

FORMATION RECORD—Continued

