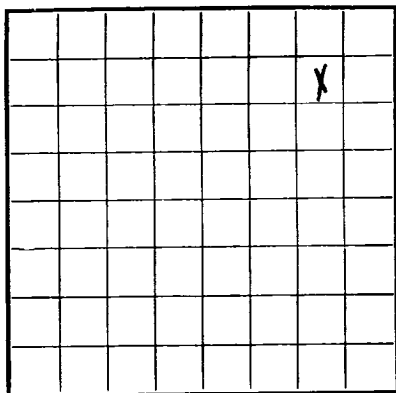


Form 9-330



LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079486
LEASE OR PERMIT TO PROSPECT
14-08-001-1056

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 San Juan 30-4 Field Wildcat State New Mexico
Well No. 4 Sec. 27 T. 30N R. 4W Meridian N. M. P. M. County Rio Arriba
Location 990 ft. S. of N. Line and 990 ft. W. of E. Line of Section 27 Elevation 7491'
(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 [Signature]

Date October 20, 1953 Title Petroleum Engineer

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

Commenced drilling August 22, 1953 Finished drilling September 22, 1953

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

No. 1, from 4220 to 4221 (G) No. 4, from _____
No. 2, from _____ to _____ No. 5, from _____
No. 3, from _____ to _____ No. 6, from _____

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—	
9-5/8	25.4	S. W.	Arneo	163	Arneo				Surface
7"	23	8 rd	Young	4199	Young				Prod. Log.
2"	4.7	8 rd	Young	4199	Young				Prod. Log.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	175	125	Circulated		
7"	4214	250	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

TOOLS USED

Rotary tools were used from 0 feet to 4214 feet, and from 4214 feet to 4221 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

September 23, 1953 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 3,310,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 1074

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1312	1312	Tan cr-grn ss w/thin sh breaks. Variegated sh w/thin ss breaks. Tan to gry cr-grn ss interbedded w/gry sh. Ojo Alamo ss. White cr-grn s. Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Fruitland formation. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss. Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss.
1312	2475	1163	
2475	3628	1153	
3628	3860	232	
3860	4068	208	
4068	4220	152	
4220	4221	1	
			Tops Ojo Alamo 3628 Kirtland 3860 Fruitland 4068 Pict.Clif 4220

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES

A blank sheet of graph paper with a grid pattern. The grid consists of 10 columns and 8 rows of squares. A small black mark, resembling a stylized 'X' or a cross, is located in the second column from the left and the fourth row from the top.

LOCATE WELL CORRECTLY

Compressed drilling _____, 19____
The summary on this page is for the condition of the well at above date.
Date _____ Title _____

(D) $\frac{1}{2}$ and $\frac{1}{3}$

No. 1 from _____ to _____
No. 2 from _____ to _____

[illegible]

HISTORY OF OIL OR GAS WELL

[illegible][illegible][illegible]

Rotary tools were used from	feet to	feet and from	feet to
Chisel tools were used from	feet to	feet and from	feet to

Rock pressure, lbs. per sq. in.	10
Gas well, cu. ft. per 24 hours	10
Emulsion, % water; and % sediment	10
The production for the first 24 hours was	10
particels of fluid of which % was oil; %	10
Put to producing	10

Driller			
Driller			

FROM-	TO-	TOTAL FEET	FORMATION
-------	-----	------------	-----------

varicolored soft ss.
 Pictured Gills formation. Gty, fine-grn, tight,
 coals and riv. tight, fine-grn ss.
 Rutland formation. Gty carb sh, scattered coals
 Gty fine-grn ss
 Rutland formation. Gty sh interbedded w/ tight
 Ojo Alamo ss. White crgn ss
 Tan to gry crgn ss interbedded w/ gty sh.
 Variegated sh w/ thin ss breaks.
 Tan crgn ss w/ thin sh breaks.

FORMATION RECORD—Continued