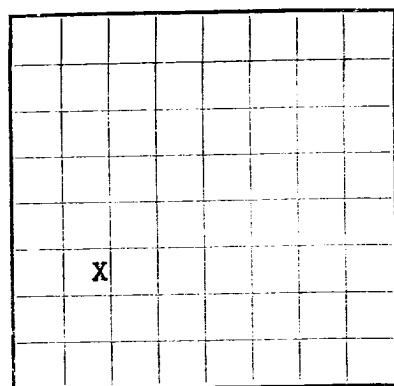


Form 9-330

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079728
LEASE OR PERMIT TO PROSPECT 14-08-001-933



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 San Juan 28-4 Unit Field Wildcat State New Mexico
Well No. 3 Sec. 14 T. 20N. R. 4E. Meridian NMPM County Rio Arriba
Location 1650 ft. N. of S. Line and 990 ft. E. of W. Line of Section 14 Elevation 7327
Box (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 S. K. Hulme
Date May 7, 1954 Title Petroleum Engineer

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

Commenced drilling August 17, 1953 Finished drilling October 21, 1953

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

No. 1, from 4217 to 4338 (G) No. 4, from 6394 to 6619 (G)
No. 2, from 6041 to 6142 (G) No. 5, from _____ to _____
No. 3, from 6142 to 6394 (G) 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	160	Armco				Surface
7	23	8 RD	Spang	1998	Baker				Prod. Csg.
5	18	8 RD	Spang	6083	Baker				Prod. Csg.
2	4.7	3 RD	Young	1431	DE OIL OR GAS WELL				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	170	125	Circulated		
7	6031	500	Single Stage		
5	6426	225	Circulated		

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

Gas Drilling

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

December 29, 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 114 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1125

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1290	1290	Tan cr-grn ss w/thin sh breaks.
1290	2597	1307	Variegated sh w/thin ss breaks.
2597	3563	966	Tan to gry cr-grn ss interbedded w/gry sh.
3563	3774	211	Ojo Alamo ss. White cr-grn s.
3774	3960	136	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss.
3960	4217	257	Fruitland formation. Gry carb sh, scattered coals and gry, tight, fine-grn ss.
4217	4338	121	Pictured Cliff formation. Gry, fine-grn, tight varicolored soft ss.
4338	6041	1703	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
6041	6142	101	Cliff House ss. Gry, fine-grn, dense sil ss.
6142	6394	252	Menefee formation. Gry, fine-grn s, carb sh and coal.
6394	6619	225	Point Lookout formation. Gry, very fine sil w/frequent sh breaks.

FROM—

TO—

TOTAL FEET

(OVER)

FORMATION

16-43094-2

FORMATION RECORD—Continued