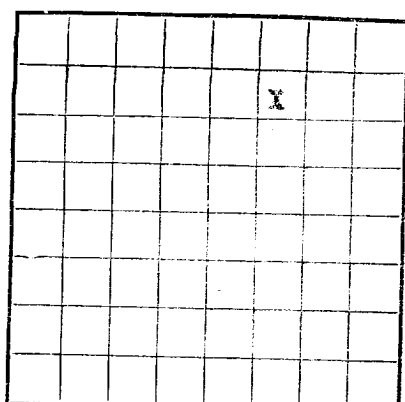


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 076200
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Co. Address Box 97 Farmington
Lessor or Tract Riddle Field Blanco State New Mexico
Well No. 1-B Sec. 27 T. 30N R. 10W Meridian N.M.P.M. County San Juan
Location 790 ft. of N Line and 1830 ft. of E Line of Section 27 Elevation 6169
(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 J. T. Tallock
Date February 16, 1953 Title Petroleum Engineer

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

Commenced drilling June 6, 1952 Finished drilling October 1, 1952

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4287 to 4434 No. 4, from _____ to _____
No. 2, from 4998 to 5076 TD 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
9 5/8	25	8	ARCO	162	HOWCO			Surface
5 1/2	17 1/2	8	ARCO	300	HOWCO			Production
HISTORY OF OIL OR GAS WELL								

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	174	125	Circulated		
5 1/2	4260	300	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
Quart	regular	S.N.C.	1680	10-1-52	4310-5076	5076

TOOLS USED

Rotary tools were used from _____ feet to 4260 feet, and from 4260 feet to 5076 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

October 20, 1952 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 857,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1053

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1567	1567	Tan coarse-grn ss w/thin sh breaks.
1567	2444	877	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Top Kirtland 1567.
2444	2744	300	Fruitland formation. Gry carb sh, scattered coal and gry, tight, fine-grn ss. Top Fruitland 2444.
2744	2870	126	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 2744.
2870	4287	1417	Lewis formation. Gry to sh dense sh w/silty to shaly ss breaks. Top Lewis 2870.
4287	4484	197	Cliff House ss. Gry, fine-grn, dense sil ss. Top Cliff House 4287.
4484	4998	514	Menafee formation. Gry, fine-grn s, carb sh and coal. Top Menafee 4484.
4998	5076 TD	50	Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks. Top Point Lookout 4998.