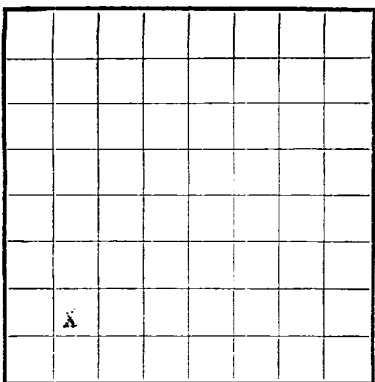




Santa Fe
U. S. LAND OFFICE
SERIAL NUMBER 073571
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Dev Field Blanco & So. Blancos State New Mexico
Well No. 2-B (FM) Sec. 1 T. 27N R. 3E Meridian N.M.P.M. County San Juan
Location 190 ft. N. of S Line and 1090 ft. E. of W Line of Section 7 Elevation 5709
(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 Original Signed D. C. Johnson

Date September 4, 1950 Title Petroleum Engineer

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

Commenced drilling 2-25, 1950 Finished drilling 4-20, 1950

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4221 to 2940 (G) No. 4, from 5129 to 5319 (G)
No. 2, from 4422 to 4240 (G) No. 5, from _____ to _____
No. 3, from 4540 to 5129 (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—	
10 3/4	32.75	8 Rd.	S.W.	161'	Howco				Surface
7 5/8	26.40	8 Rd.	J-55	3041	Baker				Prod. Csg.
5 1/2	15.50	8 Rd.	J-55	2348	Baker				Prod. Liner
2"	4.7	8 Rd.	J-55	5280					Prod. Toe.
1 1/4	2.4	8 Rd.	Grade "A"	2884					Siphon

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	173	150	Circulated		
7 5/8	3053	200	Single Stage		
5 1/2	2990-5330	250	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
			See well history			

TOOLS USED

Rotary tools were used from 177 feet to 5344 feet, and from 3053 feet to 5344 feet
Cable tools were used from 0 feet to 177 feet, and from _____ feet to _____ feet

DATES

5-4, 1950 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 FC-7, 122,000 Gallons gasoline per 1,000 cu. ft. of gas MV-4, 125,000

Rock pressure, lbs. per sq. in. 976 A.G.F. = P.C. 14,322; M.V. 7260 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1935	1935	Tan to gry cr-grn ss interbedded w/gry sh.
1935	2035	104	Ojo Alamo ss. White cr-grn s.
2035	2645	606	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2645	2657	212	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2657	2940	91	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2940	4422	1474	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4422	4540	118	Cliff House ss. Gry, fine-grn, dense sil ss.
4540	5129	589	Menefee form. Gry, fine-grn s, carb sh & coal.
5129	5319	190	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5319	5344	25	Mancos formation. Gry carb sh.

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1-B. 5344. C.O.L. 9320. Placed in trout part. Int. 5152-101
 5152-5200; 5208-301; 5258-661; 5274-84; 5304-12 (2 str.) w/68,800 fat. water
 & 60,000 sand. Flushed w/8400 fat. water. B.D.P. None, max. pr. 2900.
 avg. fr. pr. 2000-2100-2300-2800. I.R. 56 B.M. Injected 15 balls, 10
 balls, 5 balls & then 15 balls. Set Baker Mg. bridge plug at 5000.
 Traced B. C. part. Int. 2846-94 (2 str.) w/35,280 fat. water & 44,000
 sand. Flushed w/5880 fat. water. Max. 1500, min. pr. 3000; avg. fr.
 pr. 1500-1700-2000-2200-2600. I.R. 64 B.M. Injected 4 sets balls (15 balls/
 set).

17	8958	2091	7-23-58
46	2931	2072	7-23-58
23	2072	2072	7-22-58