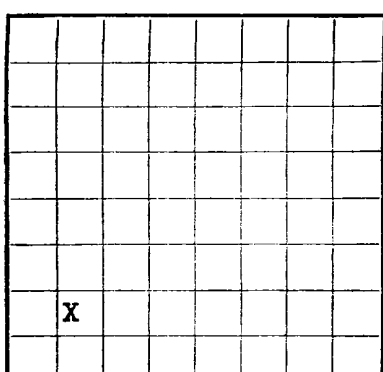


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079363
LEASE OR PERMIT TO PROSPECT 14-08-001-1051

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 28-6 Unit Field Blanco State New Mexico
Well No. 25 Sec. 10 T. 27N R. 6W Meridian NMPM County Rio Arriba
Location 890 ft. N. of S Line and 990 ft. E. of W Line of Section 10 Elevation 6507'

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

D.C. Johnston

Date November 16, 1955 Title Petroleum Engineer

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

Commenced drilling August 26 1955 Finished drilling September 25 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3170 to 3250 G No. 4, from 5356 to 5500
 No. 2, from 4815 to 4970 G No. 5, from _____ to _____
 No. 3, from 4970 to 5356 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 teeth	Perforated		Purpose
							From	To	
9-5/8"	36#	8 RD	J-55	161'	Howco				Surface
7" CLEAR	20#	8 RD	J-55	3245'	Baker				Immediate
5-1/2"	15-50#	8 RD	J-55	5530'	Baker				Prod. Csg.
2"	4-7#	8 RD	J-55	5514'					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"	173'	125	Circulated		
7"	3255	250	Single Stage		
5-1/2"	5540	170	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

Gas drilled

Rotary tools were used from 0 feet to 3255 feet, and from 3255 feet to 5540 feet.

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

10-15-55, 19 _____ 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 3,042,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. ----- 1037

EMPLOYEES

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

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	358	358	Tan cr-grn ss w/thin sh breaks.
358	545	187	Variegated sh w/thin ss breaks.
545	2459	1914	Tan to gry cr-grn ss interbedded w/gry sh.
2459	2600	141	Ojo Alamo ss. White cr-grn s.
2600	2900	300	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2900	3170	270	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3170	3250	80	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3250	4815	1565	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4815	4970	155	Cliff House f ss. Gry, fine-grn, dense sil ss.
4970	5356	386	Menefee form. Gry, fine-grn s, carb sh & coal.
5356	5500	144	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5500	5540 T.D.	40	Mancos formation. Gry carb sh.

[illegible]

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9-28-55 Perf. 5439' - 5483' Lower Point Lookout w/4 Torp. shots/ft. Fractured with 30,620 gallons water, 26,000# sand. Average injection rate 30.5 bbls./min. Maximum pressure and Breakdown pressure 1600 psi. Average pressure 400 psi. Flush 5480 gallons. No gage available.

9-30-55 Perf. Upper Point Lookout from 5348' - 5404' treated with 31,816 gallons water and 30,000# sand. Injection rate 28.5 bbls./min. Flush 5544 gallons. Maximum and breakdown pressures 400 psi. Average pressure 550 psi. No natural gas available.

10-1-55 Treated perf. from 4814' - 4976' with 32,000 gallons water and 29,500# sand. Flush was 5000 gallons. Maximum and breakdown pressure 1200 psi, Average pressure 750 psi, Natural gage not available.

[illegible]

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