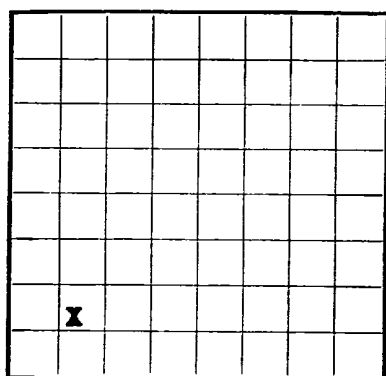




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. LAND OFFICE Santa FeSERIAL NUMBER 079580

LEASE OR PERMIT TO PROSPECT

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
Lessor or Tract San Juan 28-5 Unit Field Blanco N.V. & Wildcat Dakota State New Mexico
Well No. 44 (MD) Sec. 27 T. 28-N R. 5-W Meridian N.M.P.M. County Rio Arriba
Location 840 ft. [N.] of 8 Line and 890 ft. [E.] of W Line of Sec. 27 Elevation 6774
(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 By: D.M. OheimDate November 21, 1960Title Petroleum Engineer

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

Commenced drilling 8-18-60 19 60 Finished drilling 9-10-60 19 60

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5308 to 5445 (G) No. 4, from 7711 to 7906 (G)
No. 2, from 5445 to 5796 (G) No. 5, from 7906 to 8188 (G)
No. 3, from 5796 to 5924 (G) No. 6, from 8188 to 8195

IMPORTANT WATER SANDS

No. 1, from 5308 to 5445 No. 3, from 5796 to 5924
No. 2, from 5445 to 5796 No. 4, from 7711 to 7906

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13 3/8"	4.8	8 Rd.	J-55	275	rotary	5308-5445			circulate
9 5/8"	3.2	8 Rd.	J-55	224	rotary	5445-5796			circulate
7"	2.3	8 Rd.	J-55	1020	rotary	5796-5924			circulate
5"	1.5	8 Rd.	J-55	160	rotary	5924-6008			circulate
2"	4.7	8 Rd.	J-55	8007	rotary	6008-7711			prod liner
2"	4.7	8 Rd.	J-55	5881	rotary	7711-8188			prod tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8"	292	318	circulate		
9 5/8"	3886	224	single stage		
7"	7745	1020	single stage		
5"	7653-8193	160	single stage		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size Caliberson "AG" prod packer @ 7321

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		<u>See Well History</u>				

TOOLS USED

Rotary tools were used from 0 feet to 388 feet, and from 388 to 7749 feetCable tools were used from _____ feet to _____ feet, and from 7749 to 8195 feet

DATES

9-26, 1960 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 M-2,777,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. M-1055; D-2700 A.O.F. M-3693; D-4833 MCF/D

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2932	2932	Tan to gry cr-grn ss interbedded w/gry sh.
2932	3111	179	Ojo Alamo ss. White cr-grn s.
3111	3410	299	Kirtland form Gry sh interbedded w/tight gry fine-grn ss.
3410	3608	198	Fruitland form Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss ss.
3608	3785	177	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3785	5308	1523	Lewis form. Gry, fine-grn, dense sil ss.
5308	5445	137	Cliff House ss. Gry, fine-grn, dense sil ss
5445	5796	351	Maneefee form. Gry, fine-grn s, carb sh & coal.
5796	5924	128	Point Lookout form. Gry, very fine sil ss w/ frequent sh breaks.
5924	7008	1084	Maneefee form. Gry carb sh.
7008	7395	387	Gallup form. Lt gry to brn calc carb micac glauco very fine gry ss w/irreg.interbed sh.
7395	7690	295	Sanstee form. Dk gry calc very fine to fine gry ss w/calc veins w/irreg inter dk gry s.
7690	7711	21	Greenhorn form. Highly calc gry sh w/thin last.
7711	7906	195	Graneros form. Dk gry sh, fossil & carb w/white incl.
7906	8188	282	Dakota form. Lt to dk gry foss carb sl calc sl & silty ss w/white incl thin sh bands clay & shale breaks.
8188	8195	7	Morrison form. Interbed gry brn & red waxy sh & fr to cr-grn sand.

FORMATION RECORD—Continued

