

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE-POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 12/5/79	
Company Northwest Pipeline Corp.				Connection New Completion			
Pool Blanco				Formation Mesa Verde		Unit	
Completion Date 11/26/79		Total Depth 5755		Plug Back TD 5707		Elevation 6326 Gr.	
Farm or Lease Name Blanco							
Gg Size 7.000		Wt. 20.0#		Set At 3612		Well No. 11A	
Inq. Size 4.500		Wt. 10.5#		Set At 3435-5750		Unit Sec. Twp. Rge.	
2.375		4.7#		5574		P 26 31N 8W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple						Packer Set At	
Gas-Single						None	
Producing Thru		Reservoir Temp. °F		Mean Annual Temp. °F		Baro. Press. - P _a	
Tubing		8		12.0		New Mexico	
L		H		Gg		Positive Choke	
				.590		Meter Run	
				% CO ₂		% N ₂	
				% H ₂ S		Taps	

FLOW DATA							TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI							740		743		SIP
1.	2	X	.750	201		62 ⁰	201		495		3 hrs.
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	9.604		213	.9981	1.302	1.017	2704
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 755	P _c ² 570025	
NO.	P _i ²	P _w ²
1		507
2		257049
3		312976
4		
5		

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.8213$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 4238$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.5678$

Absolute Open Flow	4238	Mcf @ 15.025	Angle of Slope @	Slope n .75
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Remarks: Well produced a light mist of water with a trace of condensate.

Approved By Commission:	Conducted By: Fred Hamrick	Calculated By: B.J. Broughton	Checked By:
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