

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 10-13-77	
Company Northwest Pipeline Corp.				Connection New Completion			
Pool Blanco				Formation Mesa Verde		Unit San Juan 29-6	
Completion Date 9-4-77		Total Depth 5806		Plug Back TD 5742		Elevation 6540 GR	
Csg. Size 7.000 4.500		Wt. 20.0 10.5		Set At 6.457 4.052		Perforations: From 5296 To 5726	
Tbg. Size 2.375		Wt. 4.7		Set At 1.995 5709		Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Gas - Single						Packer Set At None	
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12.0	
L		H		G _g		Prover Orifice Meter	
				.680		Meter Run 4"	
				% CO ₂		% H ₂ S	
				% N ₂		Taps Flange	

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Meter PSIG	Meter Diff.	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
SI	7 day SIP						601		605		SIP
1.	4	X	2.750	108	4.4	57°	244		486		3 hrs.
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	Meter Static	Meter Diff.	Flow Temp. Factor Ft	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	130.00	3.5	4.4	1.003	1.213	1.014	2470
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	A.P.I. Gravity of Liquid Hydrocarbons	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure	Critical Temperature
1.										
2.										
3.										
4.										
5.										

P _c 617	P _c ² 380689	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.8691$	(2) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.2045$
NO.	P _t ²	P _w	P _w ²
1		498	248004
2			
3			
4			
5			

Absolute Open Flow 5445 Mcfd @ 15.025		Angle of Slope 0		Slope, n .85	
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Remarks: Variable Choke set @ 48/64. Well produced 1 BBL 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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