

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 12-1-77	
Company Northwest Pipeline Corp.				Connection New Completion			
Pool Blanco				Formation Mesa Verde		Unit San Juan 29-6	
Completion Date Nov. 22, 1977		Total Depth 5745		Plug Back TD 5706		Elevation 6463 GR	
Csg. Size 7.000		Wt. 20.0#		Set At 6.457		Perforations: From 5192 To 5658	
Tbg. Size 4.500		Wt. 10.5#		Set At 4.052		Well No. #66A	
2.375		4.7		1.995		5641	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Gas - Single				Packer Set At None		County Rio Arriba	
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12.0	
L		H		Gg		State New Mexico	
				.675		Prover Positive Choke	
				% CO ₂		% N ₂	
				% H ₂ S		Meter Run	
						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	
1.	2	X	.750	297		57°	297		832		867	SIP
2.									689			
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		309	1.003	1.217	1.033	3742
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _f	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 897	P _c ² 804609	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.7473$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.1339$
NO	P _t ²	P _w	P _w ²
1		701	491401
2			
3			
4			
5			

Absolute Open Flow 7985 Mcfd @ 15.025		Angle of Slope @ _____ Slope, n .75	
Remarks: Well produced light mist of water with a trace of condensate.			
Approved By Commission:	Conducted By: Fred Hamrick	Calculated By: B.J. Broughton	Checked By: