

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 3/23/78	
Company Northwest Pipeline Corp.				Connection New Well			
Pool Blanco				Formation Mesa Verde		Unit San Juan 29-5	
Completion Date 2/4/78		Total Depth 6040		Plug Back TD 6002		Elevation 6698 GR	
Csg. Size 7.000 4.500		Wt. 20.0 11.6		d 6.456 4.000		Set At 3920 3748-6038	
Tbg. Size 2.375		Wt. 4.7		d 1.995		Set At 5913	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Gas - Single				Perforations: From 5476 To 5898		Well No. #13A	
Producing Thru Tubing				Reservoir Temp. °F e		Mean Annual Temp. °F 12.0	
L		H		Gg .688		% CO ₂	
% N ₂		% H ₂ S		Prover 3/4" Choke		Meter Run	
FLOW DATA				TUBING DATA		CASING DATA	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.
1.	2"	x	.750	147		60°	147
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, Mcf/d
1.	9.604		159	1.000	1.205	1.014	1866
2.							
3.							
4.							
5.							
NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio _____ Met/boil. A.P.I. Gravity of Liquid Hydrocarbons _____ Deg. Specific Gravity Separator Gas _____ Specific Gravity Flowing Fluid _____ Critical Pressure _____ P.S.I.A. Critical Temperature _____ R		
1.							
2.							
3.							
4.							
5.							
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.6141$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.4320$		
1.		433	187489	305315			
2.							
3.							
4.							
5.							
Absolute Open Flow 2672 Mcf @ 15.025					Angle of Slope θ _____ Slope, n .75		
Remarks:							
Approved By Commission:		Conducted By: Fred S. Hamrick		Calculated By: Fred S. Hamrick		Checked By:	