

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 12-17-75			
Company Northwest Pipeline Corp.				Connection New Completion					
Pool Blanco				Formation Mesa Verde				Unit San Juan 29-6	
Completion Date 12-1-75		Total Depth 5775'		Plug Back TD 5741'		Elevation 6364' GR		Form or Lease Name San Juan 29-6 Unit	
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 5771	Perforations: From 5140 To 5588		Well No. 29A			
Tpt. Size 2.375	Wt. 4.7	d 1.995	Set At 5561'	Perforations: From To		Unit F	Soc. 3	Twp. 29	Rge. 6
Type Well - Single - Hardhead - G.C. 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		State New Mexico	
L	H	G _g .682	% CO ₂	% N ₂	% H ₂ S	Prover Orifice meter	Meter Run 4"	Taps flange	

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Meter p.s.i.g.	Diff. Meter	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
1.	4	X	2.500	50	6.4	72°	236		418		3 hrs.
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	Differential Meter	Pressure Meter Static	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcf/d
1	103.21	6.4	2.5	.9887	1.211	1.008	1993
2.							
3.							
4.							
5.							

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

NO.	P _t ²	P _w ²	P _w ²	P _t ² - P _w ²	(1) $\frac{P_c^2}{P_t^2 - P_w^2} = 2.7870$	(2) $\left[\frac{P_c^2}{P_t^2 - P_w^2} \right]^n = 2.1570$
1		430	184900	103469		
2						
3						
4						
5						

$AOF = Q \left[\frac{P_c^2}{P_t^2 - P_w^2} \right]^n = 4299$

Absolute Open Flow 4299 Mcf @ 15.025		Angle of Slope θ		Slope, n .75	
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Remarks: Diff. from L-10 chart. Coefficient from chart factor 3.162 & orifice factor of 32.64	
Variable choke set @ 48/64. Well produced trace of condensate.	

Approved By Commission:	Conducted By: Fred Hamrick	Calculated By: Fred Hamrick	Checked By: KGR
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