

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 9/16/75			
Company Northwest Pipeline Corporation				Connection New Connection					
Pool Blanco				Formation Mesa Verde				Unit San Juan 29-6	
Completion Date 9/1/75		Total Depth 6012		Plug Back TD 5967		Elevation 6742		Farm or Lease Name San Juan 29-6 Unit	
Coq. Size 4.500	Wt. 10.5	d 4.052	Set At 6010	Perforations: From 5356 To 5936		Well No. #25A			
Tiq. Size 2.375	Wt. 4.7	d 1.995	Set At 5926	Perforations: From To		Unit Soc. Twp. Rge. P 32 29 6			
Type Well - Single - Broadhead - G.C. or G.O. Multiple Gas-single						Packer Set At None		County Rio Arriba	
Producing Thru Tubing		Reservoir Temp. °F P		Mean Annual Temp. °F		Boro. Press. - P _a 12.0		State New Mexico	
L	H	Gg .690	% CO ₂	% N ₂	% H ₂ S	Prover 3/4 variable	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
SI	15 Day SIP						721		833		7.2
1.	4 X 2.500			116	7.15	61°	407		729		3 hours
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	Differential Meter	Pressure Meter Static	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	103.00	7.15	3.6	.999	1.204	1.014	3235
2.							
3.							
4.							
5.							

NO.	P _i	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 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 845 P _c ² 714025				
NO.	P _i ²	P _w	P _w ²	P _c ² - P _w ²
1		741	549081	164944
2				
3				
4				
5				

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = \frac{714025}{164944}$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 9709$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right] = 3.0011$$

Absolute Open Flow 9709 Mcfd @ 15.025		Angle of Slope θ _____		Slope, n .75	
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Remarks: Differential & static reading from L-10 chart; coefficient from L-10 chart factor of 3.162 & orifice factor of 32.64

Approved By Commission:	Conducted By: Larry Moore	Calculated By:	Checked By:
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