

Type Test ☐ Initial ☐ Annual ☐ Special					Test Date 11/26/75	
Company Northwest Pipeline Corporation				Connection New Completion		
Pool Tapacito				Formation Pictured Cliffs		Unit
Completion Date 11/14/75		Total Depth 4141		Plug Back TD 4133		Elevation 7159 Gr
Csg. Size 2.875		Wt. 6.4	d 2.441	Set At 4141		Well No. 10
Tbg. Size None		Wt.	d	Perforations: From 3914 To 3938		Unit Sec. Twp. Rge. L 32 27 3
Type Well - Single - Isradenhead - G.G. or G.O. Multiple Gas - Tubingless Completion					Packer Set At None	
Producing Thru Casing		Reservoir Temp. *F #		Mean Annual Temp. *F		Baro. Press. - P _a 12.0
L		H	G _g .685	% CO ₂	% N ₂	% H ₂ S Prover 3/4 Positive Choke
						Meter Run Taps
FLOW DATA				TUBING DATA		CASING DATA
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. *F
1.	2 X .750			101		49°
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 F _g	Super Compress. Factor, F _{spv}
1.	12.365		113	1.011	.936	1.012
2.						
3.						
4.						
5.						
NO.	P _t	Temp. *R	T _r	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 1025 P _c ² 1050625						
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0219$	
1.		150	22533	1028092	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0186$	
2.						
3.						
4.						
5.						
AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1363$						
Absolute Open Flow 1363 Mcf @ 15.025					Angle of Slope @ _____	
Remarks: G1 I-E-S FcQ ² R ² P _t ² P _t ² + R ² Calculated P _w						
2681 .177 55164 9764 12769 22533 150						
Well produced light mist of water through out test.						
Approved By Commission:		Conducted By:		Calculated By:		Checked By:
		Fred S. Hamrick		Bobby J. Broughton		BYB

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