

Form C-122
Revised 9-1-65

Type Test		☒ Initial		☐ Annual		☐ Special		Test Date		9-15-79	
Company				Connection							
Dugan Production Corp.											
Pool				Formation				Unit			
WAW Fruitland PC				Pictured Cliffs							
Completion Date		Total Depth		Plug Back TD		Elevation		Farm or Lease Name			
9-7-79		1482'		1433'		6123'		KR			
Csg. Size		Wt.		Set At		Perforations:		Well No.			
2-7/8"		6.4#		1464'		From 1348 To 1358		10			
Tbg. Size		Wt.		Set At		Perforations:		Unit Sec. Twp. Rge.			
1-1/4"		2.4#		1354'		From Open To End		J 19 27 13			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple						Packer Set At		County			
Single - Gas								San Juan			
Producing Thru		Reservoir Temp. °F		Mean Annual Temp. °F		Baro. Press. - P _g		State			
								New Mexico			
L		H		G _g		% CO ₂		% N ₂		% H ₂ S	
				.62						Prover	
										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	
SI							240		240		7 days
1.											
2.											
3.	5/8 Pos. Choke						1	60	12		3 hrs
4.											
5.											
RATE OF FLOW CALCULATIONS											
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd				
1											
2.											
3.	8.5417		13	1.000	.9837	1.000	109				
4.											
5.											
NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.						
					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.						
1.					Specific Gravity Separator Gas _____ XXXXXXXXXX						
2.					Specific Gravity Flowing Fluid _____ XXXXX						
3.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.						
4.					Critical Temperature _____ R _____ R						
5.											
P _c 252 P _c ² 63504					(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0091$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0077$						
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²							
1											
2											
3		24	576	62928	AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 117$						
4											
5											
Absolute Open Flow 117 Mcfd @ 15.025					Angle of Slope θ _____ Slope, n .85						
Remarks: _____											
Approved By Commission:			Conducted By: Hall			Calculated By: Hall			Checked By:		