

Type Test		☒ Initial		☐ Annual		☐ Special		Test Date		4-20-76	
Company				Connection							
Dugan Production Corp.											
Pool				Formation				Unit			
WAW				Pictured Cliffs							
Completion Date		Total Depth		Plug Back TD		Elevation		Farm or Lease Name			
4-6-76		1380'		1355'		6182' GR		Ojo-He-He			
Csg. Size		Wt.		Set At		Perforations:		Well No.			
2-7/8"		6.5#		1380'		From 1280' To 1338'		6			
Tbg. Size		Wt.		Set At		Perforations:		Unit Sec. Twp. Rge.			
1-1/4"		2.3#		1317'		From Open Ended To		C 31 27N 13W			
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 _a		State			
Tbg								New Mexico			
L		H		Gg		% 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							245		250		7 days
1.											
2.											
3.	5/8" Pos Choke					58°	1		20		3 hrs
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	Pressure P _m	Flow Temp. Factor Ft	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd	
1							
2							
3	8.5417	13	1.002	.9837	1.000	109	
4							
5							

NO.	P _t	Temp. °R	Gas Liquid Hydrocarbon Ratio	A.P.I. Gravity of Liquid Hydrocarbons	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure	Critical Temperature
1								
2								
3								
4								
5								

NO.	P _t	P _w	P _c	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1						
2						
3		32	1024	67,620		
4						
5						

Absolute Open Flow		110		Mcf/d @ 15.025		Angle of Slope θ		Slope, n .85	
Remarks:									
Approved By Commission:									
Conducted By:									
Calculated By:									
Checked By:									

Approved By Commission:		Conducted By:		Calculated By:		Checked By:	
		Charles Hall		Charles Hall			