

Form C-122
Revised 9-1-65

Type Test		☒ Initial		☐ Annual		☐ Special		Test Date		3- 2-81	
Company				Connection							
EPG				EPNG							
BLANCO-MV				Formation				Unit			
MESAVERDE											
Completion Date		Total Depth		Plug Back TD		Elevation		Farm or Lease Name			
2-13-81		6525.		6482.		5605.		STATE COM AG			
Csg. Size		Wi.		d		Set At		Perforations:		Well No.	
5.500		15.5		4.976		6525.		From 3825. To 4256.		295E	
Tng. Size		Wi.		d		Set At		Perforations:		Unit Sec. Twp. Rge.	
1.900		2.7		1.610		3700.		From 0. To 0.		36, 29N, 10W	
Type Well - Single - Drillinghead - G.C. or G.O. Multiple						Packer Set At		County			
FLOWING						6048.		SAN JUAN, NM			
Producing Thru		Reservoir Temp. °F		Mean Annual Temp. °F		Baro. Press. - P _a		State			
TUEING		130. 3825.		60.0		12.2		NEW MEXICO			
L		H		Gg		% CO ₂		% N ₂		% H ₂ S	
3825.		3825.		0.673		0.		0.		0.	
Prover		Meter Run		Taps							
0.		0.									
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							1104.	60.			168.0
1.	1.61	X	0.750	63.	0.	60.	63.	60.	0.	0.	3.0
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 Fg	Super Compress. Factor Fpv	Rate of Flow Q, Mcf/D				
1.	11.22	0.	75.2	1.0000	1.2190	1.0081	1037.				
2.											
3.											
4.											
5.											
NO.	R _f	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio			Mcf/bbl.			
1.	0.11	520.	1.36	0.934	A.P.I. Gravity of Liquid Hydrocarbons			Deg.			
2.					Specific Gravity Separator Gas						
3.					Specific Gravity Flowing Fluid						
4.					Critical Pressure			P.S.I.A.			
5.					Critical Temperature			R			
P _c 1115.2 P _c ² 1246.					(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0457$				(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0341$		
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1073.$						
1.	0.	233.	54.	1191.							
Absolute Open Flow					1073.		Mcf @ 15.025		Angle of Slope @ 53.1		Slope, n 0.750
Remarks:											
Approved By Commission:			Conducted By: James Archer			Calculated By: Garrett-AOF Program			Checked By: John Benton		