

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 9-20-76	
Company Northwest Pipeline		Connection New Completion	
Pool Blanco		Formation Mesa Verde	
Completion Date 9-9-76		Total Depth 5811	
Plug Back TD 5763		Elevation 6583	
Casing Size 7.000		Well No. 3A	
WT. 20. #		Set At 3646	
Perforations From 5142 To 5740		Well No. 3A	
4.500		Set At 3465-5807	
Perforations From To		Unit Sec. Twp. Rge.	
2.375		4.7 1.995 5720	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple		Packer Set At	
Gas - single		None	
Producing Thru Tubing		Reservoir Temp. °F	
Mean Annual Temp. °F		Baro. Press. - P _a	
12.0		State New Mexico	
L H Gg		% CO ₂ % N ₂ % H ₂ S	
.660		Prover Orifice Meter	
Meter Run 4"		Taps Flange	

FLOW DATA					TUBING DATA		CASING DATA		Duration of Flow		
NO.	Prover Line Size	X	Orifice Size	Meter PSIG	Meter Diff.	Temp. °F	Press. p.s.i.g.	Temp. °F		Press. p.s.i.g.	Temp. °F
1.	SIP	4X	2.500	142	9.2	61 ⁰	821		829		SIP
2.							421		745		3 hrs.
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	Meter Static	Meter Diff.	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1.	103.21	4.0	9.2	.999	1.231	1.012	4715
2.							
3.							
4.							
5.							

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

P _c 841	P _c ² 707281	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 5.2691$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3.6846$
NO. 1	P _t ² 757	P _w ² 573049	P _c ² - P _w ² 134232
2.			
3.			
4.			
5.			

Absolute Open Flow 17373 Mcfd @ 15.025		Angle of Slope 0	Slope, n .75
Remarks: Variable choke set @48/64. Well produced a trace of condensate. COM.			

Approved By Commission:	Conducted By: F. S. Hamrick	Calculated By: F. S. Hamrick	Checked By:
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