

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 4/14/78	
Company Northwest Pipeline Corp.		Connection New Completion	
Pool Blanco		Formation Mesa Verde	
Completion Date 4/3/78		Total Depth 5951'	
Ring Back TD 5918'		Elevation 6664'GR	
Well No. #42A		San Juan 29-6 Unit	
Flow Rate 7.0 4.5	Wt. 20.0 10.5#	d 6.456 4.000	Set At 3882 3718-5948
Flow Rate 2-3/8"	Wt. 4.7	d 1.995	Set At 5862'
Perforations: From 5402 To 5876		Well No. #42A	
Type Well - Single - Phasedness - G.G. or G.O. Multiple Gas - Single		Perforations: From To	
Producing Thru Tubing		Baro. Press. - P _a 12.0	
Reservoir Temp. °F a		State New Mexico	
Mean Annual Temp. °F		County Rio Arriba	
G _g .687		% CO ₂	
% N ₂		% H ₂ S	
Orifice Meter		Meter Run 4"	
Flange		Taps	

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Flow Line Size	X	Orifice Size	Meter PSIG	Meter Diff.	Temp. °F	Flow. P.S.I.G.	Temp. °F	Press. P.S.I.G.	Temp. °F	Duration of Flow
1.	4	x 2.50	155	4.3	56°	321			625		3 hrs.
2.											
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 _{sp}	Rate of Flow Q, Mscf
1	130.00	4.1	4.3	1.004	1.206	1.021	2833
2							
3							
4							
5							

NO.	P _t	Temp. °R	γ _g	Z	Gas Liquid Hydrocarbon Ratio	Mol. Wt.
1					A.P.L. 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.
5					Critical Temperature	R

NO.	P _t	P _w	P _w ²	P _c ² - P _w ²
1	875	637	405769	359856
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.1276$

ACF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 4991$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.7616$

Absolute Open Flow	4991	Mscf @ 15.025	Angle of Slope @	Slope, n	.75
--------------------	------	---------------	------------------	----------	-----

Remarks: Well produced approximately 2 bbls of condensate.

Approved By Commission:	Conducted By: Fred. S. Hamrick	Calculated By: B.J. Broughton	Checked By:
-------------------------	-----------------------------------	----------------------------------	-------------