

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 24-77	
Company Northwst Pipeline Corp.				Connection New Completion			
Pool Blanco				Formation Mesa Verde		Unit San Juan 29-6	
Completion Date 2-17-77		Total Depth 5698		Plug Back TD 5666		Elevation 6416 GR.	
Casing Size 7.000 4.500		Wt. 20# 11.6		d 4.000		Set At 3702 3552-5698	
Perforations: From 5123 To 5622		Perforations: From To		Well No. 50 A			
Tubg. Size 2.375		Wt. 4.7		d 1.995		Set At 5614	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Gas - Single		Packer Set At None		County Rio Arriba			
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F @		Baro. Press. - P _a 12.0	
State New Mexico		L .		H .		G _g .	
% CO ₂ .		% N ₂ .		% H ₂ S .		Provr. orifice meter 4"	
Meter Run 4"		Taps Flange					

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Provr 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
SI							906		926		SIP
1.	4	X	2.750	159	8.8	69°	331		596		
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 _{pv}	Rate of Flow Q, Mcfd
1	130.00	4.1	8.8	.992	1.191	1.022	5,663
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. 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. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 938 P _c ² 879844			
NO.	P _t	P _w	P _c ² - P _w ²
1		608	369664
2			
3			
4			
5			

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.7246$$

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

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.5049$$

Absolute Open Flow 8,522	Mcf/d @ 15.025	Angle of Slope DIST. 3	Slope, n .75
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Remarks: Variable choke set @ 48/64. Well produced a trace of condensate.

Approved By Commission:	Conducted By: Fred Hamrick	Calculated By: B. Broughton	Checked By: BJB
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