

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 3/28/77				
Company Northwest Pipeline Corp.				Connection New Well					
Pool Blanco				Formation Mesa Verde				Unit San Juan 29-6	
Completion Date 3/18/77		Total Depth 5640		Plug Back TD 5604		Elevation 6355		Farm or Lease Name San Juan 29-6 Unit	
Csg. Size 7" 000 4.500	Wt. 20# 11.6#	d 6.456 4.052	Set At 3634 3487-5637	Perforations: From 5104 To 5560			Well No. #43A		
Thg. Size 2.375	Wt. 4.7	d 1.995	Set At 5546	Perforations: From To			Unit J	Sec. 26	
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 _g 12.0		State New Mexico	
L	H	G _g .679	% CO ₂	% N ₂	% H ₂ S	Prover orifice meter	Meter Run 4"	Taps Flange	

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.	
SI							941		975	
1.	4"	X	2.750	161	8.2	53°	331		687	
2.										
3.										
4.										
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	130.00	4.2	8.2	1.0068	1.214	1.021	5587
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 _____
3.					Specific Gravity Flowing Fluid _____
4.					Critical Pressure _____ P.S.I.A.
5.					Critical Temperature _____ °R

P _c 987	P _c ² 974169	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.0062$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.6857$
NO.	P _t ²	P _w	P _w ²
1		699	488601
2			
3			
4			
5			

Absolute Open Flow 9418 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .75
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Remarks: _____			
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Approved By Commission:	Conducted By: Fred S. Hamrick	Calculated By: Fred S. Hamrick	Checked By: Bj B
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