

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

Form C-122
Revised 9-1-65

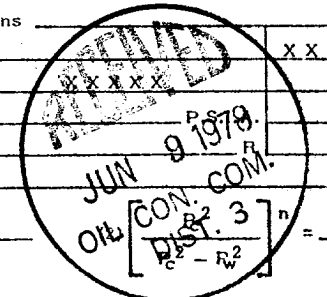
Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 6-1-78			
Company Northwest Pipeline Corp.				Connection New Completion					
Pool Blanco				Formation Mesa Verde				Unit San Juan 29-6	
Completion Date 5-16-78		Total Length 6080		Plug Back TD 6043		Elevation 6768		Farm or Lease Name San Juan 29-6 Unit	
Csg. Size 7.000 4.500	Wt. 20.0 10.5	d 6.464 4.052	Set At 4000 3817-6078	Perforations: From 5534 To 5988		Well No. 21A			
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 5981	Perforations: From To		Unit P	Sec. 11	Twp. 29	Rge. 6
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 θ		Mean Annual Temp. °F		Baro. Press. - P _a 12.0		State New Mexico	
L	H	Gg .665	% CO ₂	% N ₂	% H ₂ S	Prover Positive Choke		Meter Run	Taps

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							640		651		slip
1.	2 X .750			178		70°	178		477		3 hrs.
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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	9.604		190	.991	1.226	1.019	2259
2.							
3.							
4.							
5.							

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

P _c 663	P _c ² 439569	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.1929$			
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	$\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.8021$
1		489	239121	200448	
2					
3					
4					
5					



Absolute Open Flow 4071 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .75
Remarks: Well produced trace of condensate.			
Approved By Commission:		Conducted By: Fred Hamrick	Calculated By: B.J. Broughton
		Checked By:	