

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 3/29/78			
Company Northwest Pipeline Corp.				Connection New Completion			
Pool Blanco				Formation Mesa Verde			
Completion Date 12/23/77		Total Depth 5695		Plug Back TD 5662		Elevation 6393 GR	
Farm or Lease Name San Juan 29-6 Unit				Unit San Juan 29-6			
Csg. Size 7.000 4.500	Wt. 20.0 11.6	d 6.456 4.000	Set At 3611 3468-5695	Perforations: From 5064 To 5572		Well No. #11A	
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At	Perforations: From To		Unit Sec. Twp. Rge. D 7 29 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 @		Mean Annual Temp. °F 12.0		State New Mexico	
L	H	Gg .685	% 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. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
SI							888		892		SIP
1.	2	x	.750	320		62°	320		742		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 F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	9.604		342	.998	1.208	1.037	4106
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	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 904	P _c ² 817216	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 3.2157$	$\frac{P_c^2}{P_c^2 - P_w^2} = 2.4014$
NO	P _t ²	P _w	P _w ²
1		754	566518
2			
3			
4			
5			

ACF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 9860$

Absolute Open Flow 9860 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n 75

Remarks: _____

Approved By Commission:

Conducted By:
F.S. Hamrick

Calculated By:
B.J. Broughton

Checked By:

