

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

Form C-122
 Revised 5-1-65

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 5-19-78	
Company Northwest Pipeline Corp.			Connection New Completion		
Pool Blanco			Formation Mesa Verde		Unit San Juan 29-6
Completion Date		Total Depth 5970	Plug Back TD 5940	Elevation 6679	Form or Lease Name San Juan 29-6 Unit
Case Size 7.000 4.500	Wt. 20.0 10.5	d 6.465 4.052	Set At 3900 3749-5970	Perforations: From 5374 To 5868	
Tag. Size 2.375	Wt. 4.9	d 1.995	Set At 5853	Perforations: From To	
Type Well - Single - Bradenhead - G.O. or G.O. Multiple Gas--Single			Packer Set At None		Well No. 40A
Producing Thru Tubing		Reservoir Temp. °F 8	Mean Annual Temp. °F		County Rio Arriba
Baro. Press. - P _a 12.0		State New Mexico			
L	H	G _g .690	% CO ₂	% N ₂	% H ₂ S
Prover Orifice Meter		Meter Run 4"		flange	

FLOW DATA					TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Line Size	Orifice Size	Meter PSIG	Meter Diff.	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
1.	4 X 2.750		154	4.8	60°	942		940		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 Cu. Mct/
1	130.00	4.1	4.7	1.000	1.204	1.020	3064
2.							
3.							
4.							
5.							

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

NO.	P _f ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.0205$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.6947$
1		678	459684	450432		
2						
3						
4						
5						

Absolute Open Flow		5205	Mcf @ 15.025	Angle of Slope	75
Remarks: Produced 1 bbl. condensate					
Approved By Commission:		Contacted By:		Calculated By:	
		Fred Hamrick		Fred Hamrick	
				B.J. Broughton	