

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 4-29-77			
Company Northwest Pipeline Corp.				Connection New Completion					
Pool Blanco				Formation Mesa Verde				Unit San Juan 29-6	
Completion Date 4-22-77		Total Depth 5746		Plug Back TD 5707		Elevation 6448 GR.		Farm or Lease Name San Juan 29-6 Unit	
Csg. Size 7.000 4.588	Wt. 20.0# 10.5#	d 6.457 4.052	Set At 3750 3602-5742	Perforations: From 5146 To 5638		Well No. 27A			
Thq. Size 2.375	Wt. 4.7	d 1.995	Set At 5645	Perforations: From To		Unit C	Soc. 23	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 8		Mean Annual Temp. °F 12.0		Baro. Press. - P _a 12.0		State New Mexico	
L	H	G _g .693	% 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	Meter PSIG	Meter Diff.	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI							761		798		SIP
1.	2	X	2.750	112	8.4	58°	296		589		3 hrs.
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	Meter Static	Meter Diff.	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	130.00	3.5	8.4	1.002	1.201	1.014	4,664
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 810 P _c ² 656100				
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²
1		601	361201	294899
2				
3				
4				
5				

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 2.224$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 8,496$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.821$$

Absolute Open Flow 8,496	Mcf/d @ 15.025	Angle of Slope ←	Slope, n .75
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Remarks: Well produced apporximately 1 bbl of condensate.

Approved By Commission:	Conducted By: B.J. Brouhgton	Calculated By: B.J. Brouhgton	Checked By:
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