

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 10-25-77	
Company Northwest Pipeline Corp.				Connection New Completion			
Pool Blanco				Formation Mesa Verde		Unit San Juan 30-5	
Completion Date 10-15-77		Total Depth 5770		Plug Back TD 5724		Elevation 6409 GR	
Csg. Size 7.000 4.500		Wt. 20.0 10.5		d 6.465 4.052		Set At 3660 3515-5768	
Perforations: From 5304 To 5690		Perforations: From To		Well No. #62		Unit Sec. Twp. Rge. G 21 30 5	
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 12.0		State New Mexico	
L H		Gg .590		% CO ₂ % N ₂ % H ₂ S		Prever 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							1178		1179		
1.	2	x	.750	265		630	265		792		
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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	9,402		277	.997	1.302	1.019	8445
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 _____ X X X X X X X X
3.					Specific Gravity Flowing Field _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 1191 P _c ² 1418481				(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.8373$		(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.5781$	
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²			
1		804	646416	772065			
2							
3							
4							
5							

Absolute Open Flow 5436 Mcfd @ 15.025				Angle of Slope θ _____		Slope, n .75	
Remarks: Well produced medium mist of water throughout test.							

Approved By Commission:	Conducted By: Fred Hamrick	Calculated By: B.J. Broughton	Checked By:
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