

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 2/8/77	
Company Northwest Pipeline Corp.				Connection New Completion			
Pool Blanco				Formation Mesa Verde		Unit San Juan 29-6	
Completion Date 1/27/77		Total Depth 5660		Plug Back TD 5626		Elevation 6378 GR	
Casing Size 7.000 4.500		Wt. 20# 11.6#		Set At 6.456 4.000		Perforations: From 5064 To 5605	
Thg. Size 2.375		Wt. 4.7		Set At 1.995 5587		Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Gas - Single						Packer Set At None	
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F @		Baro. Press. - P _a 12.0	
L		H		Gg .698		% 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	of Flow
1.	4"	X	2.750	196	9.85	69°	858 416		859 678		SIP 2 hrs.
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	Meter Static	Meter Diff.	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1.	130.00	4.56	9.85	.9915	1.197	1.019	7062
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 871		P _c ² 757641	
NO.	P _t ²	P _w	P _w ²
1.		690	476100
2.			
3.			
4.			
5.			

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 2.685$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 14.813$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.0975$$

Absolute Open Flow 14,813		Mcf @ 15.025	Angle of Slope @	Slope, n .75
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Remarks: Variable choke set @ 48/64. Produced approximately 1/2 bbl of condensate

Approved By Commission:	Conducted By: Fred Hamrick	Calculated By: Fred Hamrick	Checked By:
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