

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

Form C-122
Revised 4-1-65

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 4/24/78	
Company Northwest Pipeline Corp.				Connection New Completion	
Pool Blanco				Formation Mesa Verde	
Completion Date 4/11/78		Total Length 5980'		Elevation 6675' GR	
Well No. 7.030		Set At 3885		Perforations: From 5394' To 5896'	
Well No. 4.500		Set At 3711-5977		Perforations: From To	
Tub. Size 2 3/8"		Wt. 4.7		Unit Sec. Twp. Rge. D 30 29N 5W	
Type well - Single - Bracennas - G.G. or G.O. Multiple				Facker Set At None	
Gas - Single				County Rio Arriba	
Producing Thru Tubing		Reservoir Temp. °F 6		State New Mexico	
L		H		Mean Annual Temp. °F 12.0	
Gg		% CO ₂		Prover Flow Meter	
.687				Meter Run 4"	
				Taps Flange	

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							641		924		SIP
1.	2"	X	2.750	210	485	58°	417		758		3 hr.
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w F_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor Fpv	Rate of Flow C, Mcfd
1	130.00	4.7	4.85	1.002	1.206	1.025	3670
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 Fluid _____ X X X X X
4					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5					Critical Temperature _____ R _____ R

P _c 936	P _c ² 876096	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.9350$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.2424$
NO.	P _t ²	P _w	P _w ²
1		760	577600
2			
3			
4			
5			

Absolute Open Flow 8230 Mcfd @ 15.025		Angle of Slope 0		Slope, n .75	
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Remarks: Well produced approximately 1 bbl of condensate.

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