

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 11-3-78	
Company Northwest Pipeline Corp.		Connection New Completion	
Pool Blanco		Formation Mesa Verde	
Completion Date Oct. 25, 1978		Total Depth 6081	Plug Back TD 6043
		Elevation 6788	Unit San Juan 29-6
Csg. Size 7.000 4.500	Wt. 20.0 10.5	d 6.456 4.052	Set At 3999 8859-6079
Perforations: From 5542 To 6006		Well No. 18A	
Trg. Size 2.375	Wt. 4.7	d 1.995	Set At 5943
Perforations: From To		Unit Sec. Twp. Rye. E 5 29 6	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Gas - Single			Packer Set At None
Producing Thru Tubing			County Rio Arriba
Reservoir Temp. °F #		Mean Annual Temp. °F	State New Mexico
L	H	Gg .660	% CO ₂ % N ₂ % H ₂ S
			Prover, 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							777		778		SIP
1.	2"	x	0.750	270		59°	270		626		3 hrs.
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	9.604		282	1.001	1.231	1.025	3337
2.							
3.							
4.							
5.							

NO.	P _r	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 778	P _c ² 605284	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.8362$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.11856$
NO.	P _i ²	P _w	P _w ²
1		626	391876
2			
3			
4			
5			

Absolute Open Flow 7293 Mcfd @ 15.025		Angle of Slope @ _____	Slope, n .75
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Remarks: Well produced a trace of condensate.

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