

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 3-26-75	
Company Northwest Pipeline Corp.				Direction new completion		
Pool undesignated				Formation Chacra		Unit
Completion Date 3-8-75		Total Depth 3270		Perforations From 3260 To 3058		Perforations From 3002 To 3058
Csg. Size 2-7/8		ID 6.4		Set At 3270		Well No. 25
Tbg. Size T-C		ID 6.4		Set At 3270		Unit E 12 27 9
Type Well - Single - Poolhead - G.G. or G.O. Multiple Gas Single				Packer Set At none		County San Juan
Producing thru casing		Reservoir Temp. °F @		Mean Annual Temp. °F @		State New Mexico
L L		Gg .600		Prover 3/4"THC		Meter Run 3/4"THC

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	of Flow
1	7 day SIP								938		
2	2 x .750			56		54			56		3 hrs
3											
4											
5											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor F _{pv}	Rate of Flow Q, Mcfd
1	12.365		68	1.0058	1.000	1.007	852
2							
3							
4							
5							

NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio	A.P.I. Gravity of Liquid Hydrocarbons	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure P.S.I.A.	Critical Temperature °R
1										
2										
3										
4										
5										

P _c 950	P _w 902500	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{902500}{895104}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0062$
NO.	P _t	P _w	P _c
1			
2			
3			
4			
5			

Absolute Oper. Flow 857 Mcfd @ 15.025		Angle of Slope θ .75	
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Remarks: **Well produced light mist of H₂O throughout test. Calculated P_w - 86 psia**

Approved By Commission:	Conducted By: B.J. Broughton	Calculated By: js	Checked By: RF
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