

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

Form C-122
Revised 9-75

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 8-22-74				
Company Northwest Pipeline Corporation				Connection New completion					
Pool Blanco				Formation Mesa Verde				Unit San Juan 32-7	
Completion Date 8-14-74		Total Depth 5930'		Plug Back TD 5891'		Elevation 6469' GL		Farm or Lease Name San Juan 32-7 Unit	
Coq. Size 4-1/2"	Wt. 10.5#	d 4.052	Set At 5923	Perforations: From 5570' To 5824'		Well No. #25			
Thg. Size 2-3/8"	Wt. 4.7#	d 1.995	Set At 5799	Perforations: From To		Unit Sec. Twp. Rg. B 36 32 7			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At None		County San Juan		
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12		State New Mexico	
L	H	Gg .600	% CO ₂	% N ₂	% H ₂ S	Prover		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							1206		1206		7 days
1.	.750 choke						306	76°	773		3 hours
2.											
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		318	.9850	1.000	1.022	3958
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 _____ XXXXXXXX
3					Specific Gravity Flowing Fluid _____ XXXXX
4					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5					Critical Temperature _____ R _____ H

NO.	P _r	P _w	P _w ²	P _c ² - P _w ²	$(1) \frac{P_c^2}{P_c^2 - P_w^2} = \frac{1,483,524}{867,299}$ $AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 5920$ $(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.4957$
1					
2					
3					
4					

Absolute Open Flow 5920 Mcfd @ 15.025		Angle of Slope θ	Slope, n .75
Remarks: Well blew dry gas throughout test.			
Approved By Commission: Conducted By: R.E. Lankford Calculated By: R.E. Fielder Checked By: <i>R.E. Fielder</i>			