

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 09/05/85	
Company Northwest Pipeline Corporation				Connection New Completion	
Pool Blanco				Formation Mesa Verde	
Completion Date 08/26/85		Total Depth 6356'		Plug Back TD 6300'	
Elevation 6969' KB		Farm or Lease Name San Juan 29-5 Unit			
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 6356'	Perforations: From 5858' To 6258'	
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 6113'	Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Gas - Dual				Packer Set At 3985'	
Producing Thru Tubing		Reservoir Temp. °F #		Mean Annual Temp. °F	
Baro. Press. - P _c 12.0		State New Mexico			
L	H	G _g Est. .600	% CO ₂	% N ₂	% H ₂ S
				Positive Choke	
FLOW DATA				TUBING DATA	
Casing Data				Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w
1.	2"	X	.750"		
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 F _g
1.	9.604		206	.995	1.291
2.					
3.					
4.					
5.					
NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio
1.					
2.					
3.					
4.					
5.					
					A.P.I. Gravity of Liquid Hydrocarbon
					Specific Gravity Separator Gas
					Specific Gravity Flowing Fluid
					Critical Pressure
					Critical Temperature
					Mcf/bbl.
					Deg.
					P.S.I.A.
					R
RECEIVED OCT 15 1985 OIL CON. DIV. DIST. 3A					
P _c	1054	P _w	1110916		
NO.	P _t ²	P _w	R _w ²	(1) $\frac{P_c^2}{P_c^2 - R_w^2} = 1.1953$	
1.		426	181476	(2) $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 1.1431$	
2.		(Calc.)			
3.					
4.					
5.					
Absolute Open Flow				Angle of Slope	
2963				.75	
Remarks: Produced dry gas throughout test. Vented 324 MCF.					
G _l	i-e-s	FcQ ²	R ²	Pt ²	Pw ²
3668	.234	593896	138972	42436	426 psia
Approved By Commission:		Conducted By:		Checked By:	
		Gip Aulbert		M.J. Turnbaugh	

skt