

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 6-29-81	
Company Northwest Pipeline Corporation		Connection New Completion	
Pool Blanco		Formation Mesa Verde	
Completion Date 6-21-81		Total Depth 6163'	Plug Back TD 6114'
Elevation 6755'		Unit San Juan 29-5	
Farm or Lease Name San Juan 29-5 Unit		Well No. #73 MV	
Cap. Size 7.000	Wt. 20.0	d 6.456	Set At 4060'
4.500	10.5	4.052	3860-6163'
2.375	4.7	1.995	5880'
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Gas - Multiple Completion		Packer Set At 3830'	County Rio Arriba
Producing Thru Tubing	Reservoir Temp. °F 8	Mean Annual Temp. °F	Baro. Press. - P _a 12.0
L	H	G _g est. .660	% CO ₂ % N ₂ % H ₂ S
			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	
1.	2"	X	.750	155		60°	1007				SIP
2.							155				3 hrs.
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	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1.	9.604		167	1.000	1.231	1.016	2006
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons	Deg.
2.					Specific Gravity Separator Gas	XXXXXX
3.					Specific Gravity Flowing Fluid	XXXXX
4.					Critical Pressure	P.S.I.A. DIST. 3
5.					Critical Temperature	R

P _c 1007	P _c ² 1014049	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1287$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0950$
NO. 1	P _t ² 340	P _w 115600	P _c ² - P _w ² 898449
2	(calc)		
3			
4			
5			

Absolute Open Flow 2196		Mcf/d @ 15.025	Angle of Slope @	Slope, n .75
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Remarks: Produced medium mist of water throughout test. Vented 261 MCF.					
G1	1-e-s	FCQ ²	R ²	Pt ²	Pt ² + R ²
3881	.246	355715	87506	27889	115395
Approved By Commission:		Conducted By: Ross Gallegos	Calculated By: B.J. Broughton	Checked By: [Signature]	Pw 340 PSIG

BUB/skw