

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 1-3-77			
Company Northwest Pipeline Corp.				Connection New Completion					
Pool Blanco				Formation Mesa Verde				Unit San Juan 29-6	
Completion Date 12-21-76		Total Depth 5669		Plug Back TD 5626		Elevation 6372 GR		Farm or Lease Name San Juan 29-6 Unit	
Coq. Size 7.000 4.500	Wt. 20# 11.6#	d 6.465 4.000	Set At 3651 3474-5669	Perforations: From 5038 To 5612		Well No. 47A			
Thq. Size 2.375	Wt. 4.7	d 1.995	Set At 5606	Perforations: From To		Unit 0		Sec. 28	Twp. 29
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Gas - Single				Packer Set At none		County Rio Arriba			
Producing Thru tubing		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12.0		State New Mexico	
L	H	Gg 693	% CO ₂	% N ₂	% H ₂ S	Provr. orifice meter	Meter Run 4"	Taps flange	

FLOW DATA						TUBING DATA		CASING DATA		Duration	
NO.	Provr. Line Size	X	Orifice Size	Meter PSIG	Meter Diff.	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	of Flow
1.	4" x 2,750			202	9.5	71°	412		701		3 hours
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	Meter Static	Meter Diff.	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1.	130.00	4.6	9.5	.990	1.201	1.023	6,910
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _f	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 859	P _c ² 737881	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 3.2150$	$\frac{P_c^2}{P_c^2 - P_w^2} = 2.4010$
NO.	P _t ²	P _w	P _w ²
1.		713	508369
2.			
3.			
4.			
5.			

Absolute Open Flow 16,591 Mcfd @ 15.025		Angle of Slope _____	Slope, n .75
Remarks: Variable choke set @ 48/64. Produced 2 bbls of condensate.			

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