

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 12-1-77	
Company Northwest Pipeline Corp.				Connection New Completion	
Pool Blanco				Formation Mesa Verde	
Completion Date Nov. 22, 1977		Total Depth 5745		Plug Back TD 5706	
Elevation 6463 GR		Unit San Juan 29-6			
Form or Lease Name San Juan 29-6 Unit		Well No. #66A			
Csg. Size 7.000 4.500	Wt. 20.0# 10.5#	d 6.457 4.052	Set At 3681 3555-5742	Perforations: From 5192 To 5658	
Thg. Size 2.375	Wt. 4.7	d 1.995	Set At 5641	Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Gas - Single				Packer Set At None	
Producing Thru Tubing		Reservoir Temp. °F 6		Mean Annual Temp. °F 12.0	
Baro. Press. - P _a 12.0		State New Mexico		County Rio Arriba	
L	H	Gg .675	% CO ₂	% N ₂	% H ₂ S
Prover Positive Choke				Meter Run 225	

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	
Sl							832		867		SLP
1.	2	X	.750	297		57°	297		689		
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	9.604		309	1.003	1.217	1.033	3742
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 _____ X 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 897	P _c ² 804649	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.7473$	(2) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.1339$
NO	P _t ²	P _w	P _w ²
1		701	491401
2			281240
3			
4			
5			

Absolute Open Flow 7985 Mcfd @ 15.025		Angle of Slope 6		Slope, n .75	
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Remarks: Well produced light mist of water with a trace of condensate.

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