

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 4-12-77	
Company Northwest Pipeline Corp.				Connection New Completion	
Pool Blanco				Formation Mesa Verde	
Completion Date 4/5/77		Total Depth 5666		Elevation 6419	
Csg. Size 7.000 4.500		Wt. 20.0# 10.5#		Perforations: From 5082 To 5548	
Thq. Size 2.375		Wt. 4.7		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 @		Baro. Press. - P _a 12.0	
L		H		County Rio Arriba	
G _g .696		% CO ₂		% H ₂ S	
Prover orifice meter		Meter Run 4"		Taps Flange	

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover 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
1.	4	X	2.750	184	8.7	58°	361		695		3 hrs.
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, Mhd
1	130.00	4.4	8.7	1.002	1.199	1.020	6,098
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 936	P _c ² 876096	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.328$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.884$
NO.	P _t ²	P _w	P _w ²
1		707	499849
2			
3			
4			
5			

$ACF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 11,493$	
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Absolute Open Flow	11,493	Mhd @ 15.025	Angle of Slope @	Slope, n .75
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Remarks: Well produced 3 bbls of liquid, 1/2 bbl of condensate

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