

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 4-22-77	
Company Northwest Pipeline Corp.				Connection New Well			
Pool Blanco				Formation Mesa Verde		Unit San Juan 29-6	
Completion Date 3-14-77		Total Depth 5677		Plug Back TD 5638		Elevation 6413	
Farm or Lease Name San Juan 29-6 Unit		Well No. #44A		Perforations: From 5102 To 5584		Csg. Size 7.000 Wt. 20.0# 4.500 10.5#	
Thg. Size 2.375		Wt. 4.7		d 1.995		Set AI 3456-5673	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Gal - Single		Packer Set AI None		County Rio Arriba		State New Mexico	
Producing Thru Tubing		Reservoir Temp. °F 8		Mean Annual Temp. °F 12.0		Baro. Press. - P _a 12.0	
L .		H .		G _g .684		% CO ₂ % N ₂ % H ₂ S . . .	
Prover Orifice Meter		Motor 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	256	9.75	60°	481		773		SIP
2.											3 hrs.
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	Meter Static	Meter Diff.	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1.	130.00	5.2	9.75	1.000	1.209	1.031	8216
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _r	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 1026 P _c ² 1052676		(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.4119$		(2) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.9354$	
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	
1.		785	616225	436451	
2.					
3.					
4.					
5.					

AOFP = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 15,900$

Absolute Open Flow 15,900 Mcfd @ 15.025		Angle of Slope 0		Slope, n .75	
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Remarks: Well produced 1 1/2 bbl of condensate.

Approved By Commission:	Conducted By: Fred S. Hamrick	Calculated By: Fred S. Hamrick	Checked By:
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