

OPEN FLOW TEST DATA

DATE May 18, 1959

Company Pacific Northwest Pipeline Corp.		San Juan 29-7 No. 71-24	
Location 1080N, 800E; 24-29-7		State New Mexico	
Formation Mesa Verde		Blanco	
Flowing Pressure 7-5/8	Static Pressure 3296	Flowing Pressure 1-1/4	Static Pressure 5368
Flowing Pressure 4860	Static Pressure 5420	Flowing Pressure 5419	Shut In 5/11/59
Water Frac.		X	

Flowing Pressure .75	Static Pressure 12.365	5-1/2 liner at 5419	
Flowing Pressure 1110	Static Pressure 1122	Flowing Pressure 7	Static Pressure 1108
Flowing Pressure 350	Static Pressure 362	Flowing Pressure 413	Static Pressure 425
Temperature 68	Temperature .75	Flowing Pressure 1.036	Static Pressure .650

CHOKED VOLUME = $Q \times P_1 \times P_2 \times P_3 \times P_4 \times P_5$
 $12.365 \times 362 \times .9924 \times .9608 \times 1.036 = 4422$ MCF/D

OPEN FLOW = $A_{of} \left(\frac{P_1 - P_2}{P_1} \right)^n$
 $A_{of} = \left(\frac{1258884}{1078259} \right)^n$
 $1.1675^{.75} \times 4422 = 1.1232 \times 4422$

Aof 4974 MCF/D

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