

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form G-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 6/17/75	
Company Northwest Pipeline Corporation				Connection New Completion			
Pool Blanco				Formation Mesa Verde		Unit San Juan 29-6 Unit	
Completion Date 6/8/75		Total Depth 5706		Plug Back TD 5661		Elevation 6411 GR	
Csg. Size 4.500		Wt. 11.6 & 10.5		Set At 5704		Perforations: From 5056 To 5628	
Thg. Size 2-3/8		Wt. 4.7		Set At 5608		Perforations: From To	
Type Well - Single - Brodenhead - G.G. or G.O. Multiple Gas - Single						Packer Set At None	
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F @		Baro. Press. - P _a 12	
L		H		G _g		Prover	
				.69		4"	
						Flange	

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Static p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F
1.	4" X 2.750			2.2	5.35	81	250		467	
2.										
3.										
4.										
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	Meter Differential	Pressure Meter Static	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1.	130	5.35	2.2	.9804	1.204	1.000	1822
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	Deq.
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.
5.					Critical Temperature	R

NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{672400}{442959}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.3676$
1.						
2.						
3.						
4.						
5.						

Absolute Open Flow <u>2492</u> Mcfd @ 15.025				Angle of Slope θ _____		Slope, n <u>.75</u>	
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Remarks: Differential & static reading from L-10 chart. Coefficient from L-10 chart factor of 3.162 & orifice factor of 41.10. Well made approximately 2.5 bbls of liquid-trace of drip.

Approved By Commission:	Conducted By: LGM & REF	Calculated By: R.E. Fielder	Checked By:
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