

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 9-5-74	
Company Northwest Pipeline Corporation				Connection Northwest Pipeline Corp.		
Pool Blanco				Formation Mesa Verde		Unit San Juan 29-6
Completion Date 8-26-74		Total Depth 5730'		Plug Back TD 5709'		Elevation 6400' GL
Csg. Size 4-1/2	Wt. 10.5	d 4.052	Set At 5729'	Perforations: From 5130' To 5642'		Well No. 3 (OWWO)
Thg. Size 2-3/8"	Wt. 4.7	d 1,995	Set At 5629	Perforations: From To		Unit Sec. Twp. Rge. I 25 29 6
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single Gas				Packer Set At none		County Rio Arriba
Producing Thru tbg		Reservoir Temp. °F @		Mean Annual Temp. °F		State New Mexico
L	H	Gg .69	% CO ₂	% N ₂	% H ₂ S	Prover 3/4" Pos
						Meter Run Choke
						Taps

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
SI	-						833		833		7 day
1.	3/4" positive			241		81°	241		598		3 hrs.
2.	choke										
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.365		253	.9804	.9325	1.025	2932
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 Hydrocarbon _____ Deg.
2.					Specific Gravity Separator Gas _____
3.					Specific Gravity Flowing Fluid _____
4.					Critical Pressure _____ P.S.I.A.
5.					Critical Temperature _____ R

P _c 845	P _c ² 714025	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{714025}{341925}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.7371$
NO. 1	P _w 610	P _w ² 372100	P _c ² - P _w ² 341925
2			
3			
4			
5			

Absolute Open Flow 5,093 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .75
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Remarks: Well produced very light mist of H2O & some dist.

Approved By Commission:	Conducted By: Bobby Broughton	Calculated By: Bobby Broughton	Checked By: R.E. Ziebler
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