

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

Form C-122
Revised 9-1-65

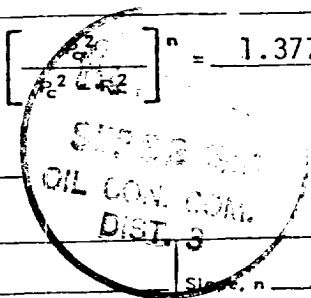
Type Test		☒ Initial ☐ Annual ☐ Special		Test Date 8-28-81	
Company Northwest Pipeline Corporation			Connection New Completion		
Pool Blanco			Formation Pictured Cliffs		Unit San Juan 29-5
Completion Date 8-11-81		Total Depth 5696'		Plug Back TD 3515'	Elevation 6362'
Casing Size 4.500		Wt. 20.0	d 6.456	Set At 3750'	Perforations: From 3320' To 3126'
Tubing Size 1.660		Wt. 2.33	d 1.380	Set At 3354'	Perforations: From To
Type Well - Single - Brazenhead - G.C. or G.O. Multiple Gas - Multiple Completion				Packer Set At 3515'	County Rio Arriba
Producing Thru Tubing		Reservoir Temp. °F 8	Mean Annual Temp. °F	Baro. Press. - P _a 12.0	State New Mexico
L	H	G _g est. .620	% CO ₂	% N ₂	% H ₂ S
		Prover	Meter Run	Tcps	

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	
1	2"	X	.750	130		55°	1178	130	1178	655	SIP
2											
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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	9.604		145	1.005	1.270	1.007	1790
2							
3							
4							
5							

NO.	P _r	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.
5					Critical Temperature	R

P _r 1190	P _c ² 1416100	(1) $\frac{P_c^2}{P_r^2 - P_w^2} = 1.4581$	(2) $\left[\frac{P_c^2}{P_r^2 - P_w^2} \right]^n = 1.3779$
NO. 1	P _r ² 667	P _w ² 444889	P _c ² - P _w ² 971211
2			
3			
4			
5			

ACF = Q	$\left[\frac{P_c^2}{P_r^2 - P_w^2} \right]^n = 2466$	
Absolute Open Flow	2466	Mcf @ 15.025
Angle of Slope	85	Slope, n
Remarks: Produced light mist of water with a trace of condensate. Vented 258 MCF		
Approved By Commission:	Conducted By:	Calculated By:
		Checked By: