

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 11-12-81	
Company El Paso Natural Gas Company				Connection Northwest Pipeline Corp.	
Pool Blanco				Formation Mesa Verde	
Completion Date 10-29-81		Total Depth 7817		Plug Back TD 7808	
Elevation 6518 GR		Farm or Lease Name San Juan 28-5 Unit			
Csg. Size 9.625	Wt. 40	d 8.835	Set At 3698	Perforations: From *5018 To 5888	
Tbg. Size 1.900	Wt. 2.9	d 1.610	Set At 5877	Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G. G. Dual				Packer Set At 5938	
Producing Thru Tbg.		Reservoir Temp. *F @		Baro. Press. - P _a 12	
Mean Annual Temp. *F		State New Mexico			
L	H	Gg .660	% CO ₂	% N ₂	% H ₂ S
Prover		Meter Run		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.	
SI							570		893	
1.			.750	195		54	195		795	
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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.365		207	1.0058	.9535	1.021	2506
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 Hydrocarbon	Deg.
2					Specific Gravity Separator Gas	X X X X X X X X
3					Specific Gravity Flowing Fluid	X X X
4					Critical Pressure	P.S.I.A.
5					Critical Temperature	R

P _c 905	P _c ² 819025	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{819025}{167776}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3.2842$
NO.	P _t ²	P _w	P _w ²
1		807	651249
2			
3			
4			
5			

Absolute Open Flow 8230 Mcfd @ 15.025		Angle of Slope θ	Slope, n .75
Remarks: * 7.000" Liner 3587' - 6157'			
* 4.500" Liner 5977' - 7817'			
Approved By Commission:	Conducted By: Gary Gonzales	Calculated By: Ed Mabe	Checked By: