

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 8-24-82			
Company El Paso Natural Gas Company				Connection Northwest Pipeline Corp.			
Pool Tapacito				Formation Pictured Cliffs			
Completion Date 8-17-82		Total Depth 4186		Plug Back TD 4175		Elevation 7170	
Farmer Lease Name San Juan 27-4 Unit				Unit DIST. 3			
Csg. Size 2.875	Wt. 6.40	d 2.441	Set At 4186	Perforations: From 4028 To 4094		Well No. #81	
Tbg. Size 1.660	Wt. 2.33#	d 1.380	Set At 4002	Perforations: From To		Unit Sec. Twp. Rge. M 24 27 4	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At 3906		County Rio Arriba	
Producing Thru Tbg.		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12.0	
State New Mexico							
L	H	Gg	% 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.		Temp. °F
SI							752				7 Days
1.											
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, F _{pv}	Rate of Flow Q, Mcfd
1							
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 _____ 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. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

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

Absolute Open Flow _____ Mcfd @ 15.025				Angle of Slope @ _____		Slope, n _____	
Remarks: _____							
Approved By Commission:		Conducted By: Lyle Nation		Calculated By: Bill Clark		Checked By:	