

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

Form
Revis.

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 12-1-81				
Company El Paso Natural Gas Company				Connection Northwest Pipeline Corp.					
Pool Blanco				Formation Mesa Verde				Unit	
Completion Date 11-21-81		Total Depth 6592		Plug Back TD 6573		Elevation 7085 GR		Farm or Lease Name San Juan 27-4 Unit	
Csg. Size 7.000	Wt. 20	d 6.456	Set At 4242	Perforations: From *5695 To 6545		Well No. #143			
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 6526	Perforations: From To		Unit B	Sec. 22	Twp. 27	Rge. 4
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At None		County Rio Arriba		
Producing Thru Tbg.		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12		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							769		1172		10 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, Fpv	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						
2						
3						
4						
5						

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 θ _____		Slope, n .75	
Remarks:							
Approved By Commission:		Conducted By: Lyly Nation		Calculated By: Ed Mabe		Checked By:	