

**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 6-19-80	
Company El Paso Natural Gas Company				Connection El Paso Natural Gas Company	
Pool Blanco				Formation Mesa Verde	
Completion Date 6-4-80		Total Depth 6209		Plug Back TD 6192'	
				Elevation 6878 G1	
Farm or Lease Name San Juan 28-7 Unit					
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 6209	Perforations: From 5138 To 6168	
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 6142'	Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Gas - Gas Dual				Packer Set At 3718	
Producing Thru Tbg.		Reservoir Temp. °F @		Baro. Press. - P _a 12	
L		H	Gg 0.685	% CO ₂	% N ₂
				% H ₂ S	Prover
				Meter Run	Taps
FLOW DATA					
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w
SI	2"		0.750		
1.				208	64
2.					
3.					
4.					
5.					
TUBING DATA					
	Press. p.s.i.g.	Temp. °F			
	795				
CASING DATA					
	Press. p.s.i.g.	Temp. °F			
DURATION OF FLOW					
	Duration of Flow				
	3 Hr.				
RATE OF FLOW CALCULATIONS					
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g
1	12.365		220	0.9962	0.9359
2.					
3.					
4.					
5.					
NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio
1					Mcf/bbl.
2.					A.P.I. Gravity of Liquid Hydrocarbons
3.					Specific Gravity Separator Gas
4.					Specific Gravity Flowing Fluid
5.					Critical Pressure
					Critical Temperature
P _c	807	P _c ²	651249		
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.4571$
1	48400	452	204304	446945	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3424$
2					
3					
4					
5					
Absolute Open Flow 3424 Mcfd @ 15.025 Angle of Slope 0 Slope, n .75					
Remarks: 507 MCF/D Gas Blown During the Test					
Approved By Commission:		Conducted By: John Ealsey		Calculated By: H. E. McAnally	
				Checked By: Jw 6-23-80	