

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 2-4-81	
Company Cotton Petroleum Corporation				Connection El Paso			
Pool Undesignated : So. Blanco				Formation Chacra Pictured Cliff		Unit COMMINGLED	
Completion Date 1-28-81		Total Depth 4098		Plug Back TD 4039		Elevation 6872	
Cng. Size 4.500		Wt. 10.5		Set At 4098		Perforations: From 2949 To 3916	
Tbg. Size 2.375		Wt. 1.7		Set At 3942		Perforations: From Open To Ended	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single/commingled						Packer Set At	
Producing Thru Tubing				Reservoir Temp. °F 8		Mean Annual Temp. °F 11.5 est.	
L		H		Gg		Baro. Press. - P _g 11.5 est.	
				% CO ₂		% H ₂ S	
				% N ₂		Provor	
						Meter Run	
						Taps	
FLOW DATA				TUBING DATA		CASING DATA	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Duration of Flow
1.	7 days						No Flow
2.	*Commingled test taken only. See attachments						
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 _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl. A.P.I. Gravity of Liquid Hydrocarbon _____ Deg. Specific Gravity Separator Gas _____ Specific Gravity Flowing Fluid _____ Critical Pressure _____ P.S.I.A. Critical Temperature _____ R		
1.					XXXXXXXXXX XXXXX P.S.I.A. R		
2.							
3.							
4.							
5.							
NO.	P _r ²	P _w ²	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_r^2 - P_w^2} =$ _____ (2) $\left[\frac{P_c^2}{P_r^2 - P_w^2} \right]^n =$ _____ $AOI^* = Q \left[\frac{P_c^2}{P_r^2 - P_w^2} \right]^n =$ _____		
1.							
2.							
3.							
4.							
5.							
Absolute Open Flow _____ Mcfd @ 15.025				Angle of Slope θ _____		Slope, n _____	
Remarks: *1-17-81 Chacra test = 166 MCF/D 1-28-81 Commingled test = 653 MCF/D							
Approved by Commission:		Conducted by:		Calculated by:		Checked by:	
		Joe Elledge		Joe Elledge		Mr. Dutch Cummins	

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