

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: 2-26-81	
Company: Cotton Petroleum Corp.			Connection: EPNG		
Pool: So. Blanco			Formation: Pictured Cliff		Unit:
Completion Date: 2-17-81		Total Depth: 4070		Plug Back TD: 3794	
Elevation: 6964GL		Farm or Lease Name: Apache			
Casing Size: 4 1/2"	WL: 10.5	d: 4.052	Set At: 4070	Perforations: From 2974 To 3032	
Tubing Size: None*	WL:	d:	Set At:	Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple: Single				Packer Set At: None	
Producing thru: Casing*		Reservoir Temp. °F: 8		Mean Annual Temp. °F:	
L:		H:		Gg:	
% CO ₂ :		% H ₂ :		% H ₂ S:	
Prover:		Meter Run:		State: New Mexico	
Flow Data			Tubing Data		Casing Data
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w
1	1/2"				
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 F _g
1					
2					
3					
4					
5					
*Well will be produced through casing untill pulled down enough to run tubing.					
NO.	P _c	Temp. °R	T _r	Z	
1					
2					
3					
4					
5					
Gas Liquid Hydrocarbon Ratio _____ Mcf/ubbl. A.P.L. Gravity of Liquid Hydrocarbons _____ Deg. Specific Gravity Separator Gas _____ X X X X X X X X Specific Gravity Flowing Fluid _____ X X X X X Critical Pressure _____ P.S.I.A. _____ P.S.I.A. Critical Temperature _____ R _____ R					
NO.	P _c	P _w	P _c ²	P _w ²	
1					
2					
3					
4					
5					
(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____ AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____					
Absolute Open Flow _____ Mcf @ 15.025				Angle of Slope θ _____ Slope, n .35	
Remarks:					
Approved by Commission:		Conducted By: Joe Elledge		Calculated By: Joe Elledge	
				Checked By: Mr. Butch Cummins	