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State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-122
Revised October 15, 2009

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator				Lease or Unit Name	
Type Test ☐ Initial ☐ Annual ☐ Special				Test Date	Well No.
Completion Date	Total Depth		Plug Back TD	Elevation	Unit Ltr. - Sec. - TWP – Rge.
Csg. Size / Wt. / d / Set At			Perforations: From: To:		County
Thg. Size / Wt. / d / Set At			Perforations: From: To:		Pool
Type Well - Single - Bradenhead - G.G. or G.O. Multiple			Packer Set At		Formation
Producing Thru	Reservoir Temp. °F	Mean Annual Temp. °F	Baro, Press - P_a		Connection

L	H	Gg	%$C0_2$	%N_2	%H_2S	Prover	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	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration Of Flow
SI									
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_r	Temp. °R	T_r	Z
1.				
2.				
3.				
4.				
5.				

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
A. P. I. Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator Gas _____ XXXXXXXXX
Specific Gravity Flowing Fluid _____XXXXX_____ _____
Critical Pressure _____ P.S.I.A. _____P.S.I.A.
Critical Temperature _____R. _____R

P_c _____ P_c^2 _____

No.	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1.				
2.				
3.				
4.				
5.				

(1) $P_c 2 = \_\_\_\_\_$ $\frac{}{P_c^2 - P_w^2}$

(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	Mcfd@ 15.025	Angle of Slope θ:	Slope, n:

Remarks:

Approved By Division	Conducted By:	Calculated By:	Checked By
	E-mail Address:	E-mail Address:	E-mail Address: