NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Corrected Copy

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Type Test: [X] Initial [ ] Annual [ ] Special				Test Date: 12-13-83	
Company: El Paso Natural Gas Co.		Connection: El Paso Natural Gas Co.			
Pool: ~~Blanco~~ Mesa Verde		Formation: Pictured Cliffs		Unit: J	
Completion Date: 12-6-83	Total Depth: 2857	Plug Back TD: 2848	Elevation: 6216 GL	Farm or Lease Name: Newberry	
Csg. Size: 2.875 / Wt.: 6.5 / d: 2.441 / Set At: 2857		Perforations: From 2637 To 2745		Well No.: 15	
Tbg. Size: NO TUBING / Wt. / d / Set At		Perforations: From To		Unit: J / Sec.: 34 / Twp.: 32 / Rge.: 12	
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single		Packer Set At: None		County: San Juan	
Producing Thru: Casing	Reservoir Temp. °F: @	Mean Annual Temp. °F	Baro. Press. – P_a	State: New Mexico	
L	H	Gg	% CO_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								835		7 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_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) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____ (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 _____ Mcfd @ 15.025 Angle of Slope θ _____ Slope, n _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	Bob Haire	Ed Mabe	