NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test: [X] Initial [ ] Annual [ ] Special			Test Date: 11-30-81		
Company: El Paso Natural Gas Company		Connection: El Paso Natural Gas Company			
Pool: Basin		Formation: Dakota		Unit:	
Completion Date: 11-17-81	Total Depth: 7333	Plug Back TD: 7324	Elevation: 6234 GR	Farm or Lease Name: San Juan 28-7 Unit	
Csg. Size: 4.500 / Wt.: 10.5 / d: 4.052 / Set At: 7333		Perforations: From 7088 To 7286		Well No.: #257E	
Tbg. Size: 1.900 / Wt.: 2.9 / d: 1.610 / Set At: 7252		Perforations: From To		Unit: O / Sec.: 19 / Twp.: 28 / Rge.: 7	
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single		Packer Set At: None		County: Rio Arriba	
Producing Thru: Tbg.	Reservoir Temp. °F: @	Mean Annual Temp. °F:	Baro. Press. – P_a: 12	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					2410		2410		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_t	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) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]$ =

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n =$ _____

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DIST. 3

Absolute Open Flow _____ Mcfd @ 15.025 Angle of Slope θ _____ Slope, n _____

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	N. L. Wagonner	Ed Mabe	