MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test: [X] Initial [ ] Annual [ ] Special			Test Date: 11-08-85	
Company: CURTIS J. LITTLE	Connection: El Paso Natural Gas Company			
Pool: So. Blanco Pictured Cliffs	Formation: Pictured Cliffs			Unit
Completion Date: 11-01-85	Total Depth: 3265	Plug Back TD: 3241	Elevation: 6348 G.R.	Farm or Lease Name: Salazar
Csg. Size: 4½" / Wt.: 10.5 / d: 4.022 / Set At: 3253		Perforations: From 2214 To 2312		Well No.: 13
Tbg. Size: n/a / Wt.: n/a / d: / Set At:		Perforations: From To		Unit: F / Sec.: 27 / Twp.: 25 / Rge.: 6
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single		Packer Set At: None		County: Rio Arriba
Producing Thru: Casing	Reservoir Temp. °F:	Mean Annual Temp. °F:	Baro. Press. – P_a: 12 psia (est.)	State: New Mexico

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
		.650						

	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	7 days							749		
1.	2 inch	.750	121					121	60°	3 hours
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	12.3650		133	1.000	.9608	1.012	1599
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

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P_c 761 P_c^2 579121

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		134	17995	561126
2				
3		Calculated		
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.03207$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.02719$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1642$

Absolute Open Flow 1642 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .85

Remarks: Gas completely dry.

Approved By Division	Conducted By:	Calculated By:	Checked By:
	Joe Elledge	Joe Elledge	Curtis J. Little