NEW MEXICO OIL CONSERVATION COMMISSION

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: 2-8-82	
Company: Curtis J. Little	Connection: El Paso Natural Gas Co.			
Pool: So. Blanco	Formation: Pictured Cliff			Unit
Completion Date: 1-23-82	Total Depth: 3600	Plug Back TD: 3577	Elevation: 6670	Farm or Lease Name: Salazar
Csg. Size: 4.500 / Wt.: 10.5 / d: 4.052 / Set At: 3597		Perforations: From 2596 To 2628		Well No.: 3
Tbg. Size: / Wt.: None / d: / Set At:		Perforations: From To		Unit: C / Sec.: 26 / Twp.: 25 / Rge.: 6
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: G.G. dual		Packer Set At: 2659		County: Rio Arriba
Producing Thru: Casing	Reservoir Temp. °F: @	Mean Annual Temp. °F:	Baro. Press. – P_a: 12 psia	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	16 days						671		
1.	2 inch .750	25					25	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		37	1.000	.9608	1.007	443
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 _____ XXXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 683 P_c^2 466489

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		41	1705	464784
2				
3			calculated	
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0037$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.00311$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 444$

Absolute Open Flow 444 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .85

Remarks: Gas completely dry

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