STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-122
Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test: [X] Initial [ ] Annual [ ] Special			Test Date: 5-23-83	
Company: Curtis J. Little		Connection: El Paso Natural Gas Co.		
Pool: So. Blanco		Formation: Pictured Cliff		Unit
Completion Date: 5-14-83	Total Depth: 3065	Plug Back TD: 3030	Elevation: 6918 G.L.	Farm or Lease Name: Turner
Csg. Size: 2.875 / Wt.: 6.5 / d: 2.441 / Set At: 3056		Perforations: From 2930 To 2976		Well No.: 4
Tbg. Size: / Wt.: Slim / d: Hole / Set At:		Perforations: From To		Unit: M / Sec.: 21 / Twp.: 26 / Rge.: 7
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	State: New Mexico

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

	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	8 days						801		
1.	2 inch .750						30	60°	3 hrs.
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		42	1.000	.9608	1.007	502
2.							
3.							
4.							
5.							

NO.	P_t	Temp. °R	T_f	Z
1.				
2.				
3.				
4.				
5.				

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator Gas XXXXXXXX
Specific Gravity Flowing Fluid XXXXX
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

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DIST. 3

P_c 813 P_c^2 660969

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		42	1764	659205
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.00268$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.00227$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 503$

Absolute Open Flow 503 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .85

Remarks: Dry gas throughout test.

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