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: 9-16-82	
Company: Curtis J. Little		Connection: El Paso			Unit
Pool: So. Blanco		Formation: Pictured Cliff			
Completion Date: 9-2-82	Total Depth: 3894		Plug Back TD: 3862	Elevation: 6791 G.L.	Farm or Lease Name: Turner
Csg. Size: 4.5 / Wt.: 10.5 / d: 4.052 / Set At: 3874			Perforations: From 2878 To 2926		Well No.: 2
Tbg. Size: 2 3/8 / Wt.: 4.7 / d: 1.995 / Set At: 3729			Perforations: From open To ended		Unit: K / Sec.: 25 / Twp.: 26N / Rge.: 7W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: G/G Dual			Packer Set At: 2998		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: .650	% 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	Tubing Press. p.s.i.g.	Tubing Temp. °F	Casing Press. p.s.i.g.	Casing Temp. °F	Duration of Flow
SI	14 days						586		
1.	2 Inch .750	26					26	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		38	1.000	.9608	1.000	451
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 598 P_c^2 357604

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		43	1829	355775
2				
3		calculated		
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.00514$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.00437$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 453$

Absolute Open Flow 453 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