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: [xx] Initial [ ] Annual [ ] Special				Test Date: 10/21/85	
Company: Tenneco Oil Company		Connection:			
Pool: Blanco		Formation: Pictured Cliff		Unit:	
Completion Date	Total Depth: 5726	Plug Back TD: 5709	Elevation:	Farm or Lease Name: Hughes LS	
Csg. Size: 4 1/2 / Wt. / d / Set At: 5726		Perforations: From 3033 To 3134		Well No.: 2A	
Tbg. Size: 1 1/4 / Wt. / d / Set At: 3078		Perforations: From To		Unit: O / Sec.: 19 / Twp.: 29 / Rge.: 8	
Type Well – Single – Bradenhead – G.C. or G.O. Multiple		Packer Set At: 3175		County: San Juan	
Producing Thru	Reservoir Temp. °F	Mean Annual Temp. °F	Baro. Press. – P_a	State: New Mexico	

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
		.680						

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							825		838		
1.	2	x	6 x .75				148		562	58	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	11		160	1.002	1.213	1.0180	2177
2.							
3.							
4.							
5.							

NO.	P_t	Temp. °R	T_r	Z
1	.24	518	1.35	.965
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 _____ XXXXXXXXXX
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 850 P_c^2 722500

NO	P_t	P_w	P_w^2	$P_c^2 - P_w^2$
1		574	329476	393024
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.8383$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.6778$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 3652$

Absolute Open Flow 3652 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n _____

Remarks: _____

Approved by Division	Conducted By:	Calculated By:	Checked By: