STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

Test: [X] Initial [ ] Annual [ ] Special		Test Date: 9/24/85	
Company: TENNECO OIL CO.	Connection:		
Pool: BLANCO	Formation: PICTURED CLIFF		Unit:
Completion Date:	Total Depth: 5614	Plug Back TD: 5589	Elevation:
Size 7" 4½" / Wt. / d / Set At: 3230 5614	Perforations: From 2875 To 2944		Farm or Lease Name: HUGHES
Size 1¼" / Wt. / d / Set At: 2937	Perforations: From To		Well No.: A LS 1A
			Unit: P / Sec.: 33 / Twp.: 29 / Rge.: 8
Well – Single – Bradenhead – G.G. or G.O. Multiple	Packer Set At: 3053		County: SAN JUAN
Producing Thru	Reservoir Temp. °F	Mean Annual Temp. °F	Baro. Press. – P_a
			State: NEW MEXICO

L	h	Co	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
		.680						

FLOW DATA

Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F
2x6x.75					

TUBING DATA

Press. p.s.i.g.	Temp. °F
815	
108	

CASING DATA

Press. p.s.i.g.	Temp. °F	Duration of Flow
815		
546	60	3 hours

RATE OF FLOW CALCULATIONS

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		120	1.000	1.213	1.0132	1622

R	Temp. °R	T_r	Z
.18	520	1.35	.974

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

DEC 10 1985
OIL CON. DIV.
DIST. 3

827 P_c^2 683929

P_t	P_w	P_w^2	$P_c^2 - P_w^2$
	558	311364	372565

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.8357$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.6758$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 2718$

Absolute Open Flow = 2718 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .85

Remarks:

Approved By Commission: Conducted By: Calculated By: