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 WELLS

RECEIVED
SEP 14 1988
OIL CON. DIV.
DIST.

Type Test: [X] Initial [ ] Annual [ ] Special		Test Date: 8-31-88	
Company: TENNECO OIL CO.	Connection:		
Pool: BLANCO	Formation: MESA VERDE		Unit:
Completion Date: 8-19-88	Total Depth: 5659	Plug Back TD: 5604	Elevation:
Farm or Lease Name: GARTNER			
Csg. Size: 7" / 4½	Wt.:	d:	Set At: 3414 / 3230
Perforations: From 4534 To 5508			Well No.: LS 1-~~P~~ R
Tbg. Size: 2 3/8	Wt.:	d:	Set At: 5243
Perforations: From To			Unit: ~~N~~ K Sec.: 28 Twp.: 30N Rge.: 8W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple		Packer Set At:	County: SAN JUAN
Producing Thru: TUBING	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
		.67						

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					610		635		S.I.
1.	2 X 6 X .750				168		612		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		180	1.003	1.222	1.021	2.478
2.							
3.							
4.							
5.							

NO.	P_t	Temp. °R	T_t	Z
1.	.2691	517	1.3534	.961
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 647 P_c^2 418,609

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		624	389,376	29,233
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 14.3197$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 7.3612$

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 18,241$

Absolute Open Flow 18,241 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .75

Remarks: _____

Approved By Division	Conducted By:	Calculated By:	Checked By:
	CRAIG MARCUM	CRAIG MARCUM	