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

RECEIVED
FEB 05 1986
OIL CON. DIV.
DIST. 3

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test: [X] Initial [ ] Annual [ ] Special			Test Date: 1-14-86	
Company: TENNECO OIL CO.	Connection:			Unit:
Pool: BASIN	Formation: DAKOTA			
Completion Date	Total Depth: 7010	Plug Back TD: 6988	Elevation	Farm or Lease Name: DAUM LS
Csg. Size: 7" 4½" / Wt. / d / Set At: 3750 7002		Perforations: From 6858 To 6968		Well No.: 6E
Tbg. Size: 2 3/8" / Wt. / d / Set At: 6840		Perforations: From To		Unit: B / Sec.: 32 / Twp.: 28 / Rge.: 9
Type Well – Single – Bradenhead – G.G. or G.O. Multiple		Packer Set At: 3587		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
		.700						

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					1325		920		
1.	2x6x.75				146		920	52	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		158	1.008	1.195	1.0185	2132
2.							
3.							
4.							
5.							

NO.	P_t	Temp. °R	T_r	Z
1	.23	512	1.30	.964
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 1397 P_c^2 1951609

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		158	24964	1926645
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0129$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0097$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 2152$

Absolute Open Flow 2152 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .75

Remarks: _____

Approved By Division | Conducted By: | Calculated By: | Checked By: