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

Type Test: [X] Initial [ ] Annual [ ] Special			Test Date: 3-20-86	
Company: TENNECO OIL CO.	Connection:			
Pool: BLANCO	Formation: MESA VERDE		Unit:	
Completion Date:	Total Depth: 5450	Plug Back TD: 5402	Elevation:	Farm or Lease Name: SAN JUAN 28-7- UNIT
Csg. Size: 7" / 4½" — Wt. — d — Set At: 3200 / 5447		Perforations: From 4416 To 5216		Well No.: 35A
Tbg. Size: 2 3/8" — Wt. — d — Set At: 5110		Perforations: From To		Unit: C — Sec.: 1 — Twp.: 27N — Rge.: 7W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple		Packer Set At		County: RIO ARRIBA
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						

NO.	FLOW DATA: Prover Line Size X Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	TUBING DATA: Press. p.s.i.g.	Temp. °F	CASING DATA: Press. p.s.i.g.	Temp. °F	Duration of Flow
SI					720		780		
1.	2x6x.75				205		620	48	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		217	1.012	1.195	1.0548	3045
2.							
3.							
4.							
5.							

NO.	P_t	Temp. °R	T_r	Z
1	.32	508	1.32	.948
2.				
3.				
4.				
5				

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MAR 26 1986
OIL CON. DIV.
DIST 3

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 792 P_c^2 627264

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		632	399424	227840
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.7531$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 2.1373$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 6508$

Absolute Open Flow 6508 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .75

Remarks: _____

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