NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test: [XX] Initial [ ] Annual [ ] Special			Test Date: 8-24-76	
Company: Tenneco Oil Company	Connection:			
Pool: Blanco	Formation: Mesa Verde			Unit: P
Completion Date: 8-12-76	Total Depth: 5225'	Plug Back TD: 5223'	Elevation: 6006'GL	Farm or Lease Name: State Com B
Csg. Size: 4-1/2" / Wt.: 10.5# / d: / Set At: 5223'		Perforations: From 5042' To 4709		Well No.: 3-A
Tbg. Size: 2-3/8" / Wt.: 4.7# / d: / Set At: 5048'		Perforations: From 4546' To 4360'		Unit: P, Sec.: 16, Twp.: 30N, Rge.: 9W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single		Packer Set At: None Set		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
		.680						

	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					639		639	-	
1.	2X.75	343			343	46	554	-	3 hr.
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		355	1.014	1.43	1.047	5029
2							
3							
4							
5							

NO.	P_t	Temp. °R	T_r	Z
1	.53	506	1.31	.913
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 651 P_c^2 423801

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1	126025	566	320356	103445
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 4.0969$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 2.8796$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 14482$

Absolute Open Flow 14482 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .75

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By: