NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 5-1-65

Type Test: [X] Initial [ ] Annual [ ] Special				Test Date: 8-4-67	
Company: Tenneco Oil Co.		Connection:			
Pool: Basin Dakota		Formation: Dakota			Unit:
Completion Date	Total Depth: 7880	Plug Back TD: 7852		Elevation: 6414	Farm or Lease Name: Fletcher
Csg. Size: 4.5 / Wt. / d / Set At: 7878		Perforations: From 7653 To 7780			Well No.: 1
Tbg. Size: 2.375 / Wt. / d / Set At: 7800		Perforations: From To			Unit: 33 Sec. Twp.: 31 Rge.: 8
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single		Packer Set At:			County: San Juan
Producing Thru: Tbg	Reservoir Temp. °F: @	Mean Annual Temp. °F:	Baro. Press. – P_a: 12.0		State: New Mexico

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps

	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					1970		1694		
1.	2 x 3/8				281	60	975		3 Hrs
2.									
3.									
4.									
5.									

RECEIVED
AUG 22 1967
OIL CON. COM.
DIST. 3

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	12.3650		293	1.000	.9608	1.030	3586
2.							
3.							
4.							
5.							

NO.	P_t	Temp. °R	T_r	Z
1.				
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 1982 P_c^2 3928324

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		987	974169	2954155
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.3298$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.2384$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 4441$

Absolute Open Flow 4441 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
		Neil Teftellier	