

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☒ Special		Test Date 12-27-76	
Company Tenneco Oil Company		Connection	
Pool Basin		Formation Dakota	
Completion Date 12-15-76		Total Depth 6105'	Elevation 6443'
Csg. Size 5-1/2"	Wt. 15.5#	Set At 6105	Perforations: From 5952' To 5924'
Tbg. Size 2-3/8"	Wt. 4.7#	Set At 5950	Perforations: From To
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single		Packer Set At	Well No. 20
Producing Thru Tubing	Reservoir Temp. °F #	Mean Annual Temp. °F	Baro. Press. - P _a
L	H	G _g .70	% CO ₂ % N ₂ % H ₂ S Prover
FLOW DATA		TUBING DATA	
NO.	Prover Line Size	X	Orifice Size
SI			
1.	2x6x0.75		804
2.			
3.			
4.			
5.			
RATE OF FLOW CALCULATIONS			
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m
1	11		816
2.			
3.			
4.			
5.			
NO.	P _t	Temp. °R	T _r
1.	1.22	505	1.29
2.			
3.			
4.			
5.			
Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl. A.P.I. Gravity of Liquid Hydrocarbons _____ Deg. Specific Gravity Separator Gas _____ Specific Gravity Flowing Fluid _____ Critical Pressure _____ P.S.I.A. Critical Temperature _____ R			
P _c 1995 P _c ² 3980025 (1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.6279$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.4412$			
NO.	P _t ²	P _w	P _w ²
1		1239	1535121
2			
3			
4			
5			
AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 17604$ Absolute Open Flow 17604 Mcfd @ 15.025 Angle of Slope 0.75 Remarks:			
Approved By Commission:		Conducted By:	
		J. D. Hicks	
Calculated By:		Checked By:	