

NEW MEXICO OIL CONSERVATION COMMISSION
MULTI-POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122

Revised 12-1-55

Pool <i>Blanco</i>		Formation Pictured Cliffs		County San Juan	
Initial X		Annual		Special	
Company Tenneco Oil Co.		Lease Florance		Date of Test 11-2-65	
Unit M		Sec. 22		Twp. 30N	
Casing 3 1/2		Wt. 7.7		Range 9W	
Tubing No		I.D.		Set at 2687	
Gas Pay:		From		To	
		L		G	
				.65	
				1679	
				12.0	
Producing Through:		Casing X		Tubing	
Date of Completion		Packer		Reservoir Temp. 94	
				Single	

OBSERVED DATA

Tested Through: Prover ☐ Choke ☒ Meter ☐								Type of Taps		
FLOW DATA						TUBING DATA		CASING DATA		DURATION OF FLOW HR.
No.	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
SI								566		
1.		3/4						122	55	3 Hr
2.										
3.										
4.										
5.										

FLOW CALCULATIONS

No.	Coefficient (24 Hour)	$\sqrt{h_w P_f}$	Pressure psia	Flow Temp. Factor F _t	Gravity Factor F _g	Compress. Factor F _{pv}	Rate of Flow Q-MCF PD @ 15.025 psia
1.	12.3650		134	1.0048	.9608	1.013	1620
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio _____ cf/bbl. Specific Gravity Separator Gas _____
 Gravity of Liquid Hydrocarbons _____ deg. Specific Gravity Flowing Fluid _____
 F_c **3.068** (1-e^{-S}) **0.114** P_c **578** P_c² **334084**

No.	P _w P _t psia	P _t ²	F _c Q	(F _c Q) ²	(F _c Q) ² (1-e ^{-S})	P _w ²	P _c ² - P _w ²	Cal P _w	$\frac{P_w}{P_c}$
1.	134	17956	4.970	24701	2816	20772	313312		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **1711** MCFPD; n **.85** **(1.0561)**

COMPANY **Tenneco Oil Company** WITNESSED _____

ADDRESS **P. O. Box 1714 - Durango, Colorado** COMPANY _____

AGENT AND TITLE **J. E. Massey**
District Production Engineer

