

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

Form C-122

Revised 12-1-55

Pool Undesignated		Formation Pictured Cliffs		County San Juan	
Initial X	Annual	Spectral		Date of Test 11-2-65	
Company Tenneco Oil Co.		Lease Florance		Well No. 55	
Unit M	Sec. 22	Twp. 30N	Range 9W	Purchaser	
Casing 3 1/2	Wt. 7.7	I.D.	Set at 2687	Perf. 2583	To 2600
Tubing No	Wt.	I.D.	Set at	Perf.	To
Gas Pay:	From	To	L	G	GL Bar. Press.
				.65	1679 12.0
Producing Through:		Casing X	Tubing	Type Well - Single - Braden head - G.G. or G.O. Dual Single	
Date of Completion		Packer		Reservoir Temp. 94	

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.	
1.		3/4						566		3 Hr
2.								122	55	
3.										
4.										
5.										

FLOW CALCULATIONS

No.	Coefficient (24 Hour)	$\sqrt{h_w P_f}$	Pressure psia	Flow Temp. Factor F _f	Gravity Factor F _g	Compress. Factor F _{pv}	Rate of Flow Q-MCF P.D. @ 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 _____

No.	$\frac{P_w}{P_t}$ psia	P _t ²	F _c Q	(F _c Q) ²	(F _c Q) ² (1-e ^{-S})	P _w ²	$\frac{P_w}{P_c}$
1.	134	17956	4.970	24701	2816	20772	318312
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 **Maury J. E. Massey**
District Production Engineer

