

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

Form C-122

Revised 12-1-55

Pool Undesignated P.C.		Formation Pictured Cliffs		County San Juan	
Initial I		Annual		Special	
Company Tenneco Oil Co.		Lease Helen Jackson		Date of Test 5-24-66	
Unit I		Sec. 33	Twp. 29	Range 9	Purchaser;
Casing 3.5	Wt. 7.7	I.D. 3.068	Set at 2383	Perf. 2237	To 2288
Tubing	Wt.	I.D.	Set at	Perf.	To
Gas Pay:	From	To	L	G	GL
			.650	1454	Bar. Press. 12.0
Producing Through:		Casing I	Tubing	Type Well - Single - Braden head - G.G. or G.O. Dual Single	
Date of Completion		Packer		Reservoir Temp. 96	

OBSERVED DATA

Tested Through:		Prover ☐	Choke ☒	Meter ☐	Type of Taps	
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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						737	60	3 Hr.
2.								178		
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 P.D. @ 15,025 psia
1.	12.3650		190	1.000	.9608	1.020	2300
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 **3.055** $(1-e^{-S})$ **0.100** P_c **749** P_c^2 **561001**

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	$P_c^2 - P_w^2$	Cal $\frac{P_w}{P_c}$	$\frac{P_w}{P_c}$
1.	190	36100	7027	49379	4938	41036	519965	-	
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **2454** MCFPD; n **.85** **1.0668**

COMPANY **Tenneco Oil Company** WITNESSED _____

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

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

