

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

Form C-122
Revised 12-1-55

Pool Basin Dakota		Formation Dakota		County Rio Arriba	
Initial X		Annual		Special	
Company Tenneco Oil Co.		Lease Jicarilla B		Date of Test 11-7-65	
Unit		Sec. 15	Twp. 26N	Range 5W	Purchaser
Casing 5.5	Wt. 15.5	I.D.	Set at 7621	Perf. 7319	To 7536
Tubing 2 3/8	Wt. 4.7	I.D.	Set at 7541	Perf.	To
Gas Pay:	From	To	L	G .65	GL 12.0
Producing Through:		Casing	Tubing X	Type Well - Single - Braden head - G.G. or G.O. Dual Single	
Date of Completion		Packer		Reservoir Temp. 180	

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.	
1.		3/4				2487		2487	
2.						501	75	1107	
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		513	.9859	.9608	1.053	
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 _____ (1-e^{-S}) _____ P_c **2499** P_c² **6245001**

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 P _w	$\frac{P_w}{P_c}$
1.	1119					1252161	4992840		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **7488** MCFPD; n **.75** (1.1828)

COMPANY **Tenneco Oil Company** WITNESSED _____

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

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

