

**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 San Juan		
Initial X		Annual		Special		Date of Test 11-4-65		
Company Tenneco Oil Co.			Lease Moore			Well No. B-1		
Unit G	Sec. 3	Twp. 26	Range //		Purchaser			
Casing 4.5	Wt. 9.5	I.D.	Set at 6500		Perf. 6365		To 6427	
Tubing 2 3/8	Wt. 4.7	I.D.	Set at 6321		Perf.		To	
Gas Pay:	From	To	L	G .65	GL	Bar. Press. 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. 162				

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						1900		1900		
1.		3/4				384	60	865		
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 P.D. @ 15,025 psia
1.	12.3650		396	1.000	.9608	1.042	1897
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 **1912** P_c² **3655744**

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.	877					769129	2886615		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **5846** MCFPD; n **.75 (1.1937)**

COMPANY **Tenneco Oil Company** WITNESSED _____

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

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

