

**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 I	Annual	Special	Date of Test 8-17-1966		
Company Tenneco Oil Co.		Lease Jicarilla B		Well No. 8-6	
Unit I	Sec. 22	Twp. 26	Range 5	Purchaser	
Casing 1 1/2	Wt.	I.D.	Set at 7550	Perf. 7256	To 7485
Tubing 2 3/8	Wt.	I.D.	Set at 7401	Perf.	To
Gas Pay:	From	To	L	G	GL Bar. Press. 12.0
Producing Through:		Casing	Tubing I	Type Well - Single - Braden head - G.G. or G.O. Dual Single Gas	
Date of Completion		Packer		Reservoir Temp.	

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				410	60	1175		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 P D @ 15.025 psia
1.	12.3650		422	1.000	.9608	1.044	5230
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 **2530** P_c² **6400900**

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.	1187					1408969	4991931		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **6303** MCFPD; n **.75** **1.2051**

COMPANY **Tenneco Oil Company** WITNESSED _____

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

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

