

**W 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	Date of Test 11-7-65		
Company Tenneco Oil Co.		Lease Jicarilla		Well No. 1	
Unit E	Sec. 23	Twp. 26N	Range 5 W	Purchaser	
Casing 5.5	Wt. 15.5	I.D.	Set at 7686	Perf. 7369	To 7594
Tubing 2 3/8	Wt. 4.7	I.D.	Set at 7355	Perf.	To
Gas Pay:	From	To	L.	G.	GL
			7355	.65	4781
					12.0
Producing Through:		Casing	Tubing	Type Well - Single - Brothers head - G.G. or G.O. Dual	
			X		
Date of Completion		Packer	Reservoir Temp.		
		X	180		

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				2470		Pkr.		
2.						398	70	Pkr.		3 Hrs
3.										
4.										
5.										

FLOW CALCULATIONS

No.	Coefficient (24 Hour)	$\sqrt{h_w P_t}$	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		410	.9905	9608	1.040	5020
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 **9.402** (1-e^{-S}) **0.294** P_c **2482** P_c² **6160324**

No.	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	P _w / P _c
1.	410	168100	47.198	2227.651	654.929	823029	5337295	
2.								
3.								
4.								
5.								

ABSOLUTE POTENTIAL: **5590** MCFPD: n **.75 (1.1135)**

COMPANY **Tenneco Oil Company** WITNESSED _____

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

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