

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 X		Annual		Special		Date of Test 5-9-66		
Company Tenneco Oil Co.			Lease Floranee			Well No. 73		
Unit D	Sec. 25	Twp. 29	Range 9		Purchaser			
Casing 3.5	Wt. 7.7	I.D.	Set at 2651		Perf. 2512	To 2536		
Tubing	Wt.	I.D.	Set at		Perf.	To		
Gas Pay:	From	To	L	G	GL	Bar. Press.		
				.650	1633	12.0		
Producing Through:		Casing X	Tubing		Type Well - Single - Braden head - G.G. or G.O. Dual Single			
Date of Completion		Packer			Reservoir Temp. 102			

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						920		
2.								132	60	3 Hr.
3.										
4.										
5.										

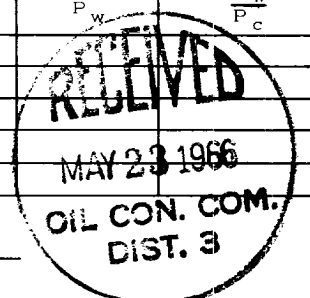
FLOW CALCULATIONS

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		146	1.0000	.9608	1.015	1756
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}) **.112** P_c **932** P_c² **868624**

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.	146	21316	5365	28783	3224	21540	844084		
2.									
3.									
4.									
5.									



ABSOLUTE POTENTIAL: **1799** MCFPD; n **.85** **1.0245**

COMPANY **Tenneco Oil Company** WITNESSED _____

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

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