

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

Form C-122
Revised 12-1-55

Pool		Formation Pictured Cliffs		County San Juan	
Initial X	Annual	Special	Date of Test April 1, 1966		
Company Tenneco Oil Co.		Lease Florance		Well No. 58	
Unit M	Sec. 14	Twp. 30	Range 9	Purchaser	
Casing 3 1/2	Wt.	I.D.	Set at 2970	Perf. 2908	To 2923
Tubing	Wt.	I.D.	Set at	Perf.	To
Gas Pay:	From	To	L	G .650	GL 1890 Bar. Press. 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. 112	

OBSERVED DATA

Tested Through:		Prover ☐	Choke ☒	Meter ☐	Type of Taps	
FLOW DATA					TUBING DATA	CASING DATA
No.	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig.	Diff. h _w	Temp. °F.	DURATION OF FLOW HR.
1.		3/4				
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		197	1.000	.9608	1.020	2386
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 **3.068** (1-e^{-S}) **0.127** P_c **817** P_c² **667.489**

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.	197	38.809	7.320	53.582	6.805	45614	621.875		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **2533** MCFPD; n **.85** **1.0616**

COMPANY **Tenneco Oil Company** WITNESSED _____

ADDRESS **P. O. Box 1714, Durango, Colorado 81301** COMPANY _____

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



Company TENNECO OIL COMPANY Lease FLORANCE Well No 58
 Field PICTURED CLIFFS County SAN JUAN State NEW MEXICO
 Formation PICTURED CLIFFS Test Date MARCH 26, 1966

Status of Well Shut in 7 days		
DEPTH Feet	PRESSURE Psig	GRADIENT Psi/Ft.
0	805	
1500	837	0.021
2515	861	0.024
2715	867	0.030
2915 Mid-Perf	873	0.030

PRESSURE POUNDS PER SQUARE INCH GAUGE

