

**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 4-1-66		
Company Tenneco Oil Co.		Lease Florance		Well No. 57	
Unit H	Sec. 22	Twp. 29	Range 9	Purchaser	
Casing 3 1/2	Wt.	I.D.	Set at 2443	Perf. 2290	To 2334
Tubing	Wt.	I.D.	Set at	Perf.	To
Gas Pay:	From	To	L	G	GL Bar. Press.
			.650	1489	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. 116		

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						915		3 hr.
2.								304	60	
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		316	1.000	.9608	1.031	3870
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 **3.062** (1-e^{-S}) **0.103** P_c **927** P_c² **859.329**

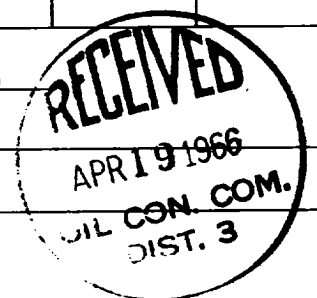
No.	$\frac{P_w}{P_t}$ psia	P _t ²	F _c Q	(F _c Q) ²	(F _c Q) ² (1-e ^{-S})	P _w ²	P _c ² - P _w ²	Cal P _w	$\frac{P_w}{P_c}$
1.	316	99.856	11.873	140.968	14.520	114.376	744.953		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **4369** MCFPD: n **.85** **1.1290**

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. 57
 Field _____ County SAN JUAN State NEW MEXICO
 Formation PICTURED CLIFFS Test Date APRIL 1, 1966

Status of Well **Shut in 7 days**

DEPTH Feet	PRESSURE Psig	GRADIENT Psi/Ft.
0	915	
1500	953	0.025
1822	961	0.025
2022	966	0.025
2222	972	0.030

Datum Pressure Psig

PRESSURE POUNDS PER SQUARE INCH GAUG

