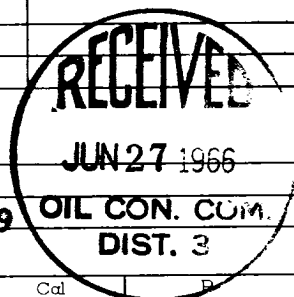


NEW MEXICO OIL CONSERVATION COMMISSION
MULTI-POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 12-1-55

Pool Undesignated P.C.			Formation Plotted Cliffs			County San Juan			
Initial I		Annual		Special		Date of Test 6-14-66			
Company Tenneco Oil Co.			Lease Hammer			Well No. 5			
Unit F	Sec. 28	Twp. 29	Range 9		Purchaser				
Casing 3.5	Wt. 7.7	I.D. 3.068	Set at 2279		Perf. 2144	To 2206			
Tubing	Wt.	I.D.	Set at		Perf.	To			
Gas Pay:	From	To	L	G	GL	Bar. Press.			
				.650	1394	12.0			
Producing Through:		Casing I	Tubing		Type Well - Single - Braden head - G.G. or G.O. Dual Single				
Date of Completion		Packer			Reservoir Temp. 100				
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.	
1.		3/4						751	
2.								24	60
3.									
4.									
5.									
FLOW CALCULATIONS									
No.	Coefficient (24 Hour)	$\sqrt{h_w F_f}$	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		36	1.000	.9608		428		
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 _____				
P_c 3.055 (1-e ^{-S}) 0.096					P_c 763 P_c^2 582169				
No.	P_w 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.	36	1296	1308	1711	164	1460	580709		
2.									
3.									
4.									
5.									



ABSOLUTE POTENTIAL: **429** MCFPD; n **.85** **1.0021**

COMPANY **Tenneco Oil Company** WITNESSED _____

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

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

Company TENNECO OIL COMPANY Well No 5
 Field UNDESIGNATED PICTURED CLIFFS County SAN JUAN State NEW MEXICO
 Formation PICTURED CLIFFS Test Date JUNE 14, 1966

