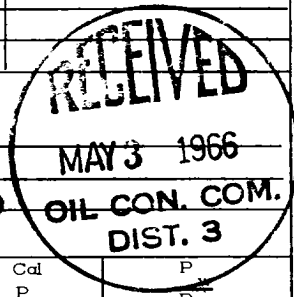


NEW MEXICO OIL CONSERVATION COMMISSION
MULTI-POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122

Revised 12-1-55

Pool Undesignated Pictured Cliffs				Formation Pictured Cliffs				County San Juan			
Initial X		Annual		Special		Date of Test 4-20-66					
Company Tenneco Oil Co.				Lease Florance				Well No. 84			
Unit I	Sec. 21	Twp. 29	Range 9		Purchaser						
Casing 3.5	Wt. 7.7	I.D. 3.068	Set at 2264		Perf. 2140		To 2159				
Tubing	Wt.	I.D.	Set at		Perf.		To				
Gas Pay:	From	To	L	G	GL	Bar. Press.					
						.650	1391	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. 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. hw	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.		
1.								938		3 hrs	
2.		3/4						217	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		229	1.000	.9608	1.024	2782				
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 $(1 - e^{-S})$ 0.096					P_c 950 P_c^2 902500						
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	$P_c^2 - P_w^2$	Cal P_w	$\frac{P_w}{P_c}$		
1.	229	52441	8499	72.233	6934	59375	843125				
2.											
3.											
4.											
5.											



ABSOLUTE POTENTIAL: **2947** MCFPD; n **.85** **1.0594**

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 Lease FLORANCE Well No. 84
 Field UNDESIGNATED PICTURED CLIFFS County SAN JUAN State NEW MEXICO
 Formation PICTURED CLIFFS Test Date APRIL 20, 1966

Status of Well **Shut in 7 days**

DEPTH Feet	PRESSURE Psig	GRADIENT Psi/Ft.
0	938	
1000	963	0.025
1750	985	0.029
1950	991	0.030
2150	997	0.030

Datum Pressure Psig

PRESSURE POUNDS PER SQUARE INCH GAUGE

