

TABULATION OF DEVIATION TESTS

TENNECO OIL COMPANY

FLORANCE #56

<u>DEPTH</u>	<u>INCLINATION</u>
116'	1/2°
1060'	1/2°
1182'	1-1/2°
1673'	1-3/4°
2014'	1-1/4°
2560'	1-1/4°
2730'	1°
2964'	3/4°

A F F I D A V I T

THIS IS TO CERTIFY that to the best of my knowledge the above tabulation details the deviation test taken on TENNECO OIL COMPANY'S FLORANCE #56, Blanco Pictured Cliffs Field, located in Section 23, T-30-N, R-9-W, San Juan County, New Mexico.

Signed

Harold C. Nichols
Senior Production Clerk

THE STATE OF COLORADO)
COUNTY OF LA PLATA)

BEFORE ME, the undersigned authority, on this day personally appeared Harold C. Nichols known to me to be Senior Production Clerk for Tenneco Oil Company and to be the person whose name is subscribed to the above statement, who, being by me duly sworn on oath, states that he has knowledge of the facts stated herein and that said statement is true and correct.

SUBSCRIBED AND SWORN TO before me, a Notary Public in and for said County and State this 28th day of February, 1966.

Marie L. Peers

My commission expires June 28, 1969.

Distribution:

- 1 Copy - New Mexico Oil Conservation Commission
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NEW MEXICO OIL CONSERVATION COMMISSION
MULTI-POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122

Revised 12-1-55

Pool Undesignated Blanco		Formation Pictured Cliffs		County San Juan	
Initial X		Annual		Special	
Company Tenneco Oil Co.		Lease Flornice		Date of Test 3-26-66	
Unit M		Sec. 23		Twp. 30N	
Range 9W		Purchaser		Well No. 56	
Casing 3.5	Wt. 7.7	I.D. 3.0	Set at 2890	Perf. 2839	To 2874
Tubing	Wt.	I.D.	Set at	Perf.	To
Gas Pay:	From	To	L	G	GL
				.650	1845
					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.	

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						883		
2.								216	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 PD @ 15,025 psia
1.	12.3650		228	1.000	.9608	1.022	2768
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** $(1-e^{-S})$ **0.126** P_c **895** P_c^2 **801025**

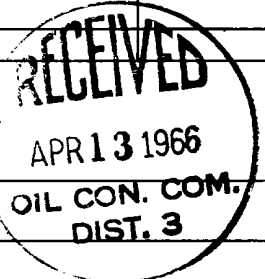
No.	$\frac{P_w}{P_t}$ psia	P_t^2	$F_c Q$	$(F_c Q)^2$	$(F_c Q)^2 (1-e^{-S})$	P_w^2	$P_c^2 - P_w^2$	Cal $\frac{P_w}{P_c}$	$\frac{P_w}{P_c}$
1.	228	51984	8492	72.114	9066	61070	739955	245	
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **2961** MCFPD; n **.85** **1.0697**

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. 56
 Field _____ County SAN JUAN State NEW MEXICO
 Formation PICTURED CLIFFS Test Date MARCH 26, 1966

Status of Well Shut in 11 days

DEPTH Feet	PRESSURE Psig	GRADIENT Psi/Ft.
0	883	
1500	921	0.025
2456	947	0.027
2656	953	0.030
2856 Mid-Perf	959	0.030

Datum Pressure _____ Psig

PRESSURE POUNDS PER SQUARE INCH GAUGE

