

**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 4-26-66		
Company Tenneco Oil Co.				Lease Florance			Well No. 82	
Unit 0	Sec. 22	Twp. 29	Range 9		Purchaser			
Casing 3.5	Wt. 7.7	I.D. 3.068	Set at 2365		Perf. 2237		To 2254	
Tubing	Wt.	I.D.	Set at		Perf.		To	
Gas Pay:	From	To	L	G .650	GL 1454	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. 99			

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						938		
2.								277	60	3 hrs
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		289	1.000	.9608	1.030	3536
2.							
3.							
4.							
5.							

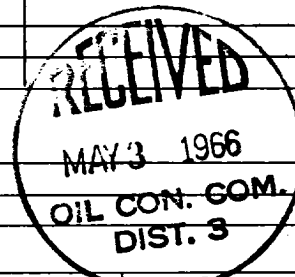
PRESSURE CALCULATIONS

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}) **0.100** P_c **950** P_c² **902500**

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	$\frac{w}{P_c}$
1.	289	83521	10802	116683	11668	95189	807311		
2.									
3.									
4.									
5.									



ABSOLUTE POTENTIAL: **3887** MCFPD; n **.85** **1.0993**

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. 82
 Field UNDESIGNATED PICTURED CLIFFS County SAN JUAN State NEW MEXICO
 Formation PICTURED CLIFFS Test Date APRIL 26, 1966

Status of Well **Shut in 13 days**

DEPTH Feet	PRESSURE Psig	GRADIENT Psi/Ft.
0	938	
1000	965	0.027
1855	990	0.029
2055	995	0.025
2240	1000	0.027

Datum Pressure Psig

PRESSURE POUNDS PER SQUARE INCH GAUGE

2000
1750
1500
1250
1000
750
500
250
0

DEPTH: FEET

*938-277

Elev.	Datum	Ft.
Total Depth	Perf. 2237-2254	Ft.
Tubing	in to	Ft.
Casing 3 1/2	in to 2365	Ft.
Casing Press. *	Tubing Press.	
Oil Level	Water Level	
Temperature 99	°F @ 2240	Ft.
Element No.	Range	
Last Test Date		
Pressure Last Test Date		Psig
B.H.P. Change	Psi	

