

**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. 87			
Unit N	Sec. 26	Twp. 29	Range 9		Purchaser				
Casing 3.5	Wt. 7.7	I.D. 3.068	Set at 2192		Perf. 2073		To 2095		
Tubing	Wt.	I.D.	Set at		Perf.		To		
Gas Pay:	From	To	L	G	GL .650	GL 1347	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. 96					
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						874	3 hrs
2.								282	
3.								60	
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		294	1.000	.9608	1.031	3598		
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}) 0.093					P _c 886 P _c ² 784996				
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 P _c	
1.	294	86436	10992	120824	11237	97673	687323		
2.									
3.									
4.									
5.									



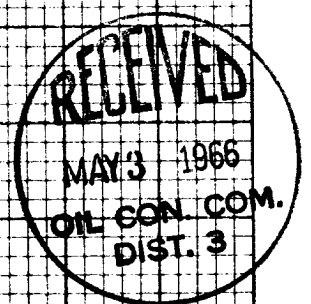
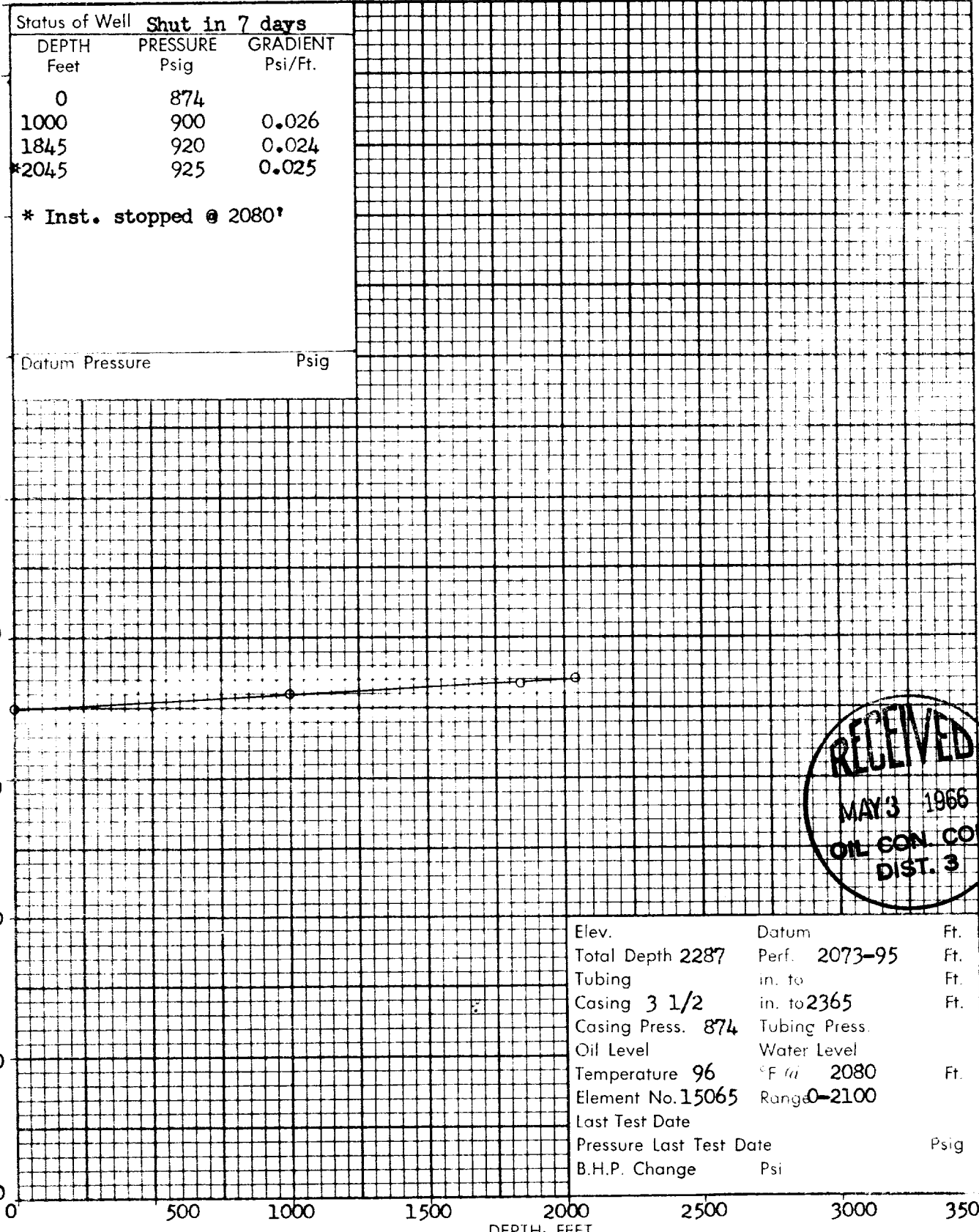
ABSOLUTE POTENTIAL: **4028** MCFPD; n **.85** **1.1195**

COMPANY **Tenneco Oil Company** WITNESSED _____

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

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

Company TENNECO OIL COMPANY Lease FLORANCE Well No 87
 Field UNDESIGNATED PICTURED CLIFFS County SAN JUAN State NEW MEXICO
 Formation PICTURED CLIFFS Test Date APRIL 20, 1966



PRESSURE POUNDS PER SQUARE INCH GAUGE

DEPTH, FEET