

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 Pictured Cliffs		County San Juan	
Initial I		Annual		Date of Test 6-10-66	
Company Tenneco Oil Co.		Lease Florance		Well No. 75	
Unit H	Sec. 35	Twp. 29	Range 9	Purchaser	
Casing 3.5	Wt. 7.7	I.D. 3.068	Set at 2219	Perf. 2094	To 2115
Tubing	Wt.	I.D.	Set at	Perf.	To
Gas Pay:	From	To	L	G .650	GL 1361 Bar. Press. 12.0
Producing Through:		Casing E	Tubing	Type Well - Single - Braden head - G.G. or G.O. Dual Gas	
Date of Completion		Packer		Reservoir Temp. 96	

OBSERVED DATA

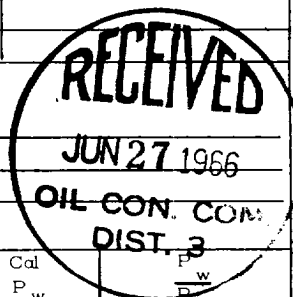
Tested Through: Prover ☐ Choke ☒ Meter ☐								Type of Taps		
FLOW DATA						TUBING DATA		CASING DATA		DURATION OF FLOW HR.
No.	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
1.								838		
2.		3/4						240	60	3 Hr.
3.										
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		252	1.000	.9608	1.026	3072
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}) **0.094** P_c **850** P_c² **722500**



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	$\frac{P_w}{P_c}$
1.	252	63504	9385	88078	8279	71783	650717		
2.									
3.									
4.									
5.									

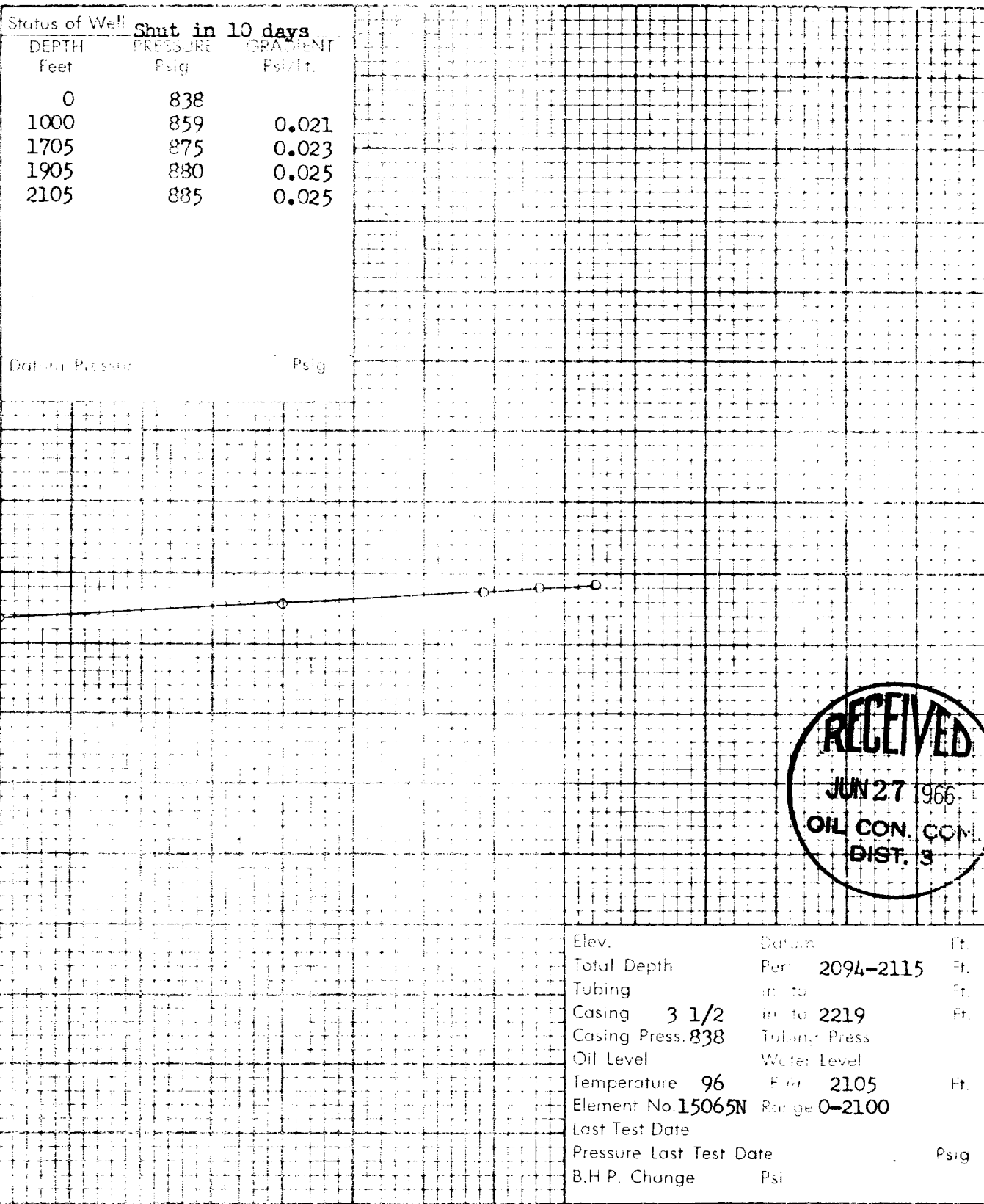
ABSOLUTE POTENTIAL: **3358** MCFPD; n **.85** **1.0929**

COMPANY **Tenneco Oil Company** WITNESSED _____

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

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

Company **TENNECC OIL COMPANY** Location **FLORANCE** Well No. **75**
Field **UNDESIGNATED PICTURED CLIFFS** County **SAN JUAN** State **NEW MEXICO**
Formation **PICTURED CLIFFS** Test Date **JUNE 10, 1966**



PRESSURE POUNDS PER SQUARE INCH GAUGE

DEPTH FEET