

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

Form C-122

Revised 12-1-55

Pool <u>Cistic</u> Undesignated Pictured Cliffs		Formation Pictured Cliffs		County San Juan	
Initial X		Annual		Date of Test 7-13-66	
Company Tenneco Oil Co.		Lease Florance		Well No. 76	
Unit	Sec. 35	Twp. 29	Rnge 9	Purchaser	
Casing 3.5	Wt. 7.7	I.D. 3.068	Set at 2289	Perf. 2148	To 2195
Tubing	Wt.	I.D.	Set at	Perf.	To
Gas Pay:	From	To	L	G .65	GL 1396
				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. 102	

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						738		3 Hrs.
2.								117	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		129	1.000	.9608	1.013	1558
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 _____
 P_c **3.055** (1-e^{-S}) **.097** P_c **750** P_c² **562500**

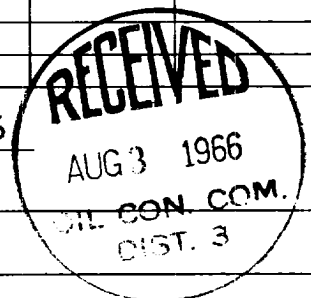
No.	$\frac{P_w}{P_t}$ psia	P _t ²	F _c Q	(F _c Q) ²	(F _c Q) ² (1-e ^{-S})	P _w ²	P _c ² - P _w ²	Cal P _w	$\frac{P_w}{P_c}$
1.	129	16641	4760	22658	2197	18838	543662		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **1604** MCFPD; n **.85** **1.0296**

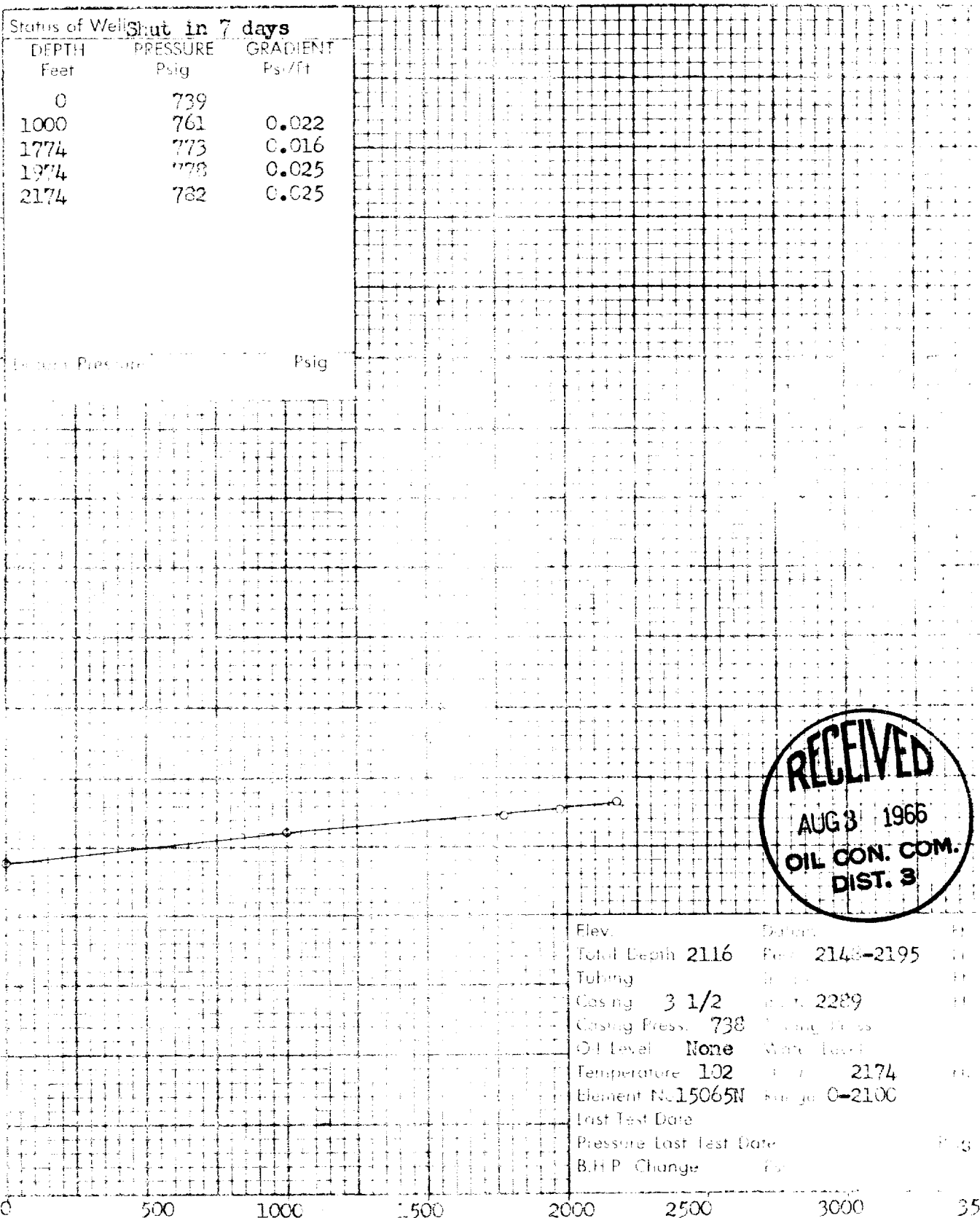
COMPANY **Tenneco Oil Company** WITNESSED _____

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

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



Company **TENNECO OIL COMPANY** Well No. **76**
Field **UNDESIGNATED PICTURED CLIFFS** Locality **SAN JUAN** State **NEW MEXICO**
Formation **PICTURED CLIFFS** Test Date **JULY 13, 1966**



PRESSURE POUNDS PER SQUARE INCH GAUGE