

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

Form C-122
Revised 12-1-55

Pool Blanco
~~Undesignated Pictured Cliffs~~ Formation Picture Cliffs County San Juan

Initial I Annual _____ Special _____ Date of Test 7-15-66

Company Tenneco Oil Co. Lease Florance Well No. 80

Unit M Sec. 13 Twp. 30 Range 9 Purchaser _____

Casing 3.5 Wt. _____ I.D. _____ Set at 2703 Perf. 2588 To 2630

Tubing _____ Wt. _____ I.D. _____ Set at _____ Perf. _____ To _____

Gas Pay: From _____ To _____ L _____ G _____ GL _____ Bar. Press. _____

Producing Through: I Casing _____ 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.		<u>3/4</u>						<u>968</u>		<u>3 Hrs.</u>
2.								<u>125</u>	<u>60</u>	
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.	<u>12.3650</u>		<u>137</u>	<u>1.000</u>	<u>.9608</u>	<u>1.013</u>	<u>1645</u>
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 $(1-e^{-S})$ 0.115 P_c 980 P_c^2 960400

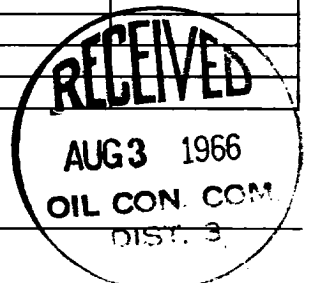
No.	P_w psia	P_t^2	$F_c Q$	$(F_c Q)^2$	$(F_c Q)^2 (1-e^{-S})$	P_w^2	$P_c^2 - P_w^2$	Cal P_w	$\frac{P_w}{P_c}$
1.	<u>137</u>	<u>18769</u>	<u>5025</u>	<u>25251</u>	<u>2904</u>	<u>21673</u>	<u>938727</u>		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: 1677 MCFPD; n .85 1.0195

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



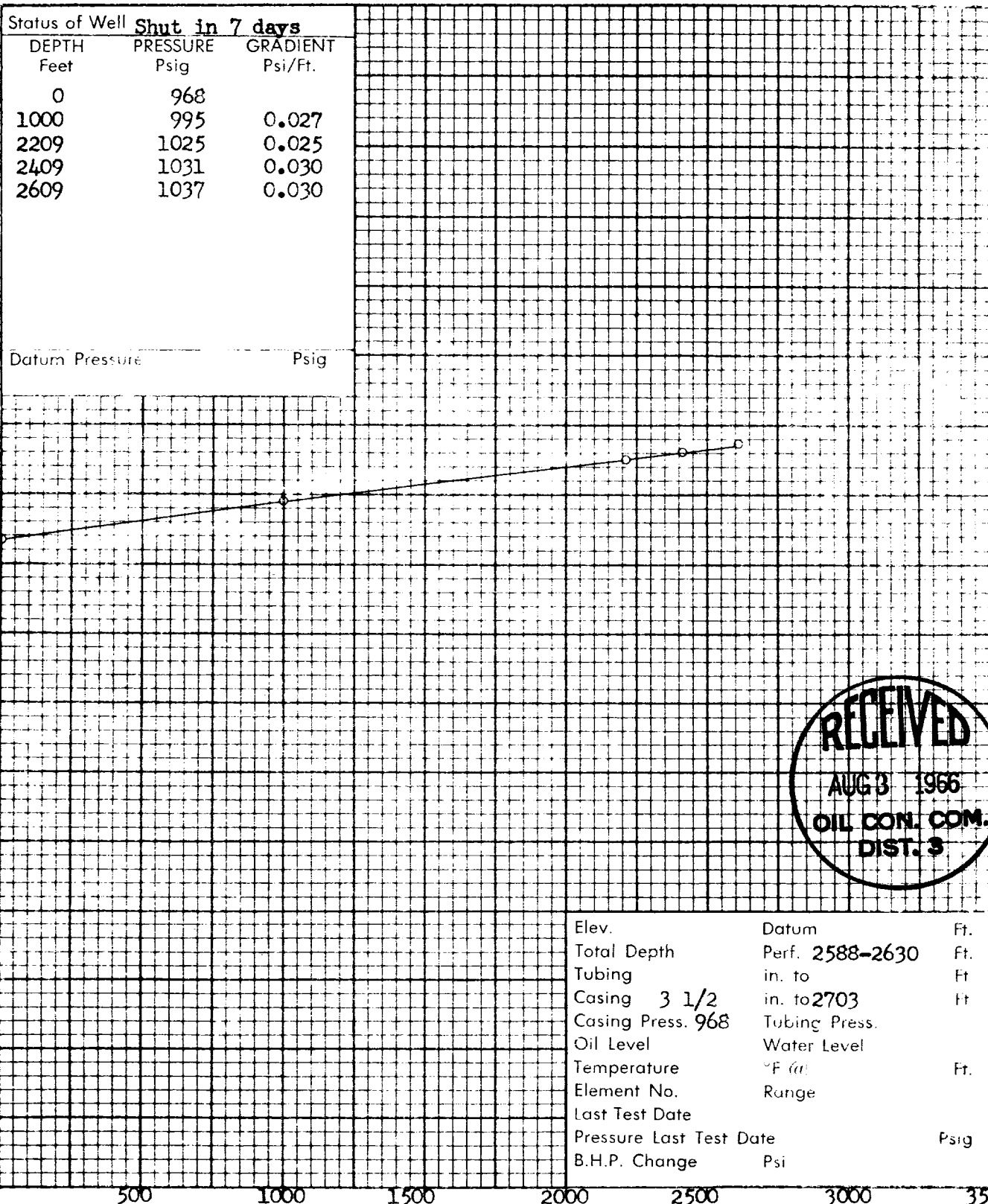
Company TENNECO OIL COMPANY Lease FLORANCE Well No. 80
 Field UNDESIGNATED PICTURED CLIFFS County SAN JUAN State NEW MEXICO
 Formation PICTURED CLIFFS Test Date JULY 15, 1966

Status of Well **Shut in 7 days**

DEPTH Feet	PRESSURE Psig	GRADIENT Psi/Ft.
0	968	
1000	995	0.027
2209	1025	0.025
2409	1031	0.030
2609	1037	0.030

Datum Pressure _____ Psig

PRESSURE POUNDS PER SQUARE INCH GAUGE



Elev.	Datum	Ft.
Total Depth	Perf. 2588-2630	Ft.
Tubing	in. to	Ft.
Casing 3 1/2	in. to 2703	Ft.
Casing Press. 968	Tubing Press.	
Oil Level	Water Level	
Temperature	°F (at)	Ft.
Element No.	Range	
Last Test Date		
Pressure Last Test Date		Psig
B.H.P. Change	Psi	

DEPTH: FEET