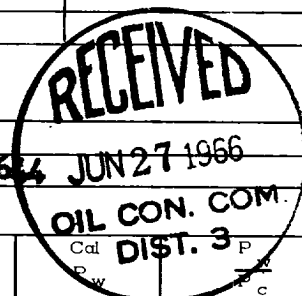


NEW MEXICO OIL CONSERVATION COMMISSION
MULTI-POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 12-1-55

Pool Undesignated P.C.			Formation Pictured Cliffs			County San Juan			
Initial X		Annual		Special		Date of Test 6-12-66			
Company Tenneco Oil Co.			Lease Hammer			Well No. 7			
Unit D	Sec. 29	Twp. 29	Range 9		Purchaser				
Casing 3.5	Wt. 7.7	I.D. 3.069	Set at 2241		Perf. 2093	To 2152			
Tubing	Wt.	I.D.	Set at		Perf.	To			
Gas Pay:	From	To	L	G .650	GL 1360	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.	Temp. °F.
1.		3/4						726 271	60
2.									
3.									
4.									
5.									
FLOW CALCULATIONS									
No.	Coefficient (24 Hour)	$\sqrt{h_w P_t}$	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		283	1.000	.9608	1.029	3462		
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 738 P _c ² 544644				
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		
1.	283	80089	10576	111852	10514	90603	454041		
2.									
3.									
4.									
5.									



ABSOLUTE POTENTIAL: **4041** MCFPD; n **.85** **1.1672**

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**
 Field **UNDESIGNATED PICTURED CLIFFS**
 Formation **PICTURED CLIFFS**

Lease **HAMNER**
 County **SAN JUAN**
 Test Date **JUNE 12, 1966**

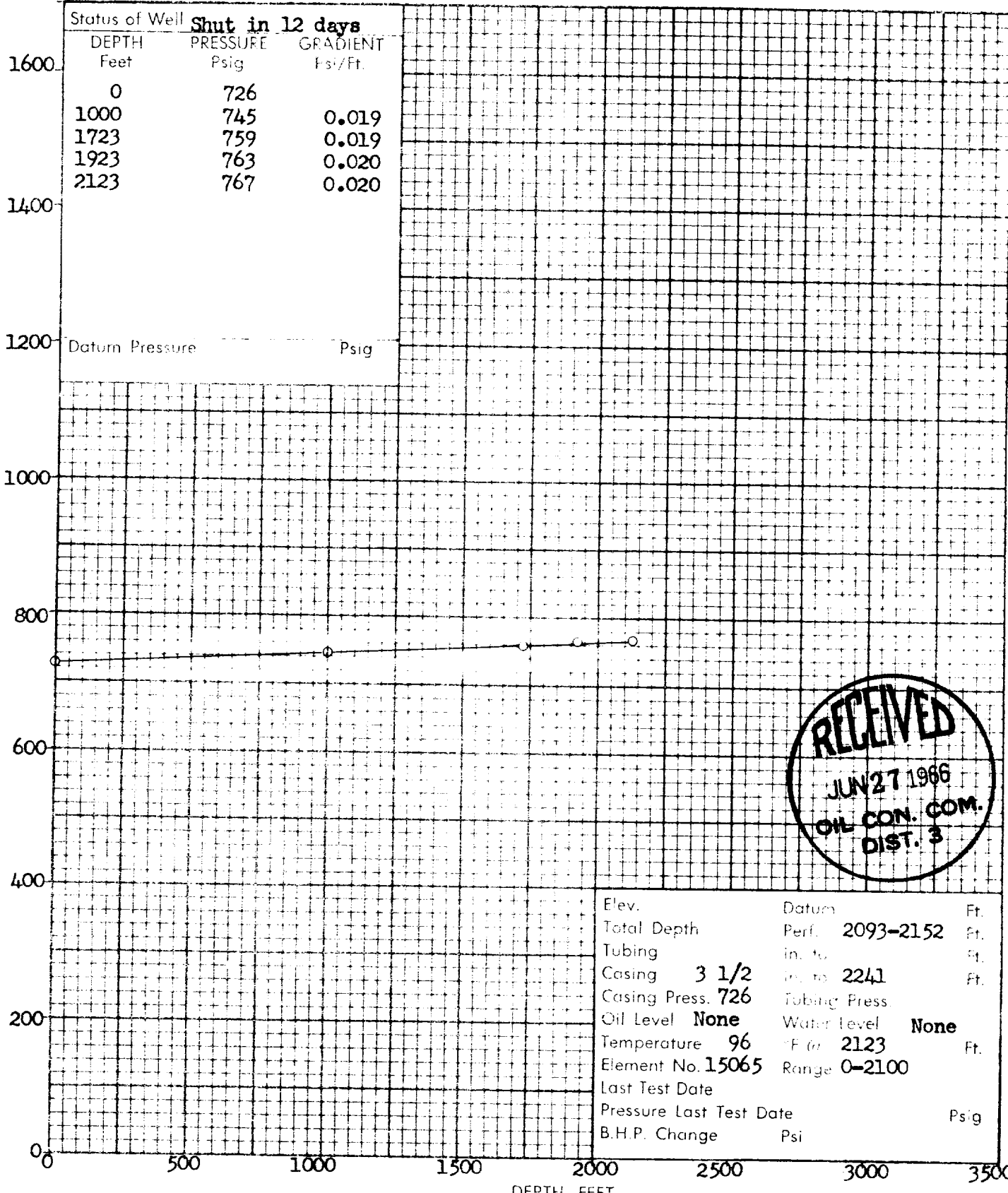
Well No **7**
 State **NEW MEXICO**

Status of Well **Shut in 12 days**

DEPTH Feet	PRESSURE Psig	GRADIENT Psi/Ft.
0	726	
1000	745	0.019
1723	759	0.019
1923	763	0.020
2123	767	0.020

Datum Pressure Psig

PRESSURE POUNDS PER SQUARE INCH GAUGE



RECEIVED
 JUN 27 1966
 OIL CON. COM.
 DIST. 3

Elev.	Datum	Ft.
Total Depth	Perf. 2093-2152	Ft.
Tubing	In. to	Ft.
Casing 3 1/2	In. to 2241	Ft.
Casing Press. 726	Tubing Press.	
Oil Level None	Water Level None	
Temperature 96	°F at 2123	Ft.
Element No. 15065	Range 0-2100	
Last Test Date		
Pressure Last Test Date		Psig
B.H.P. Change	Psi	