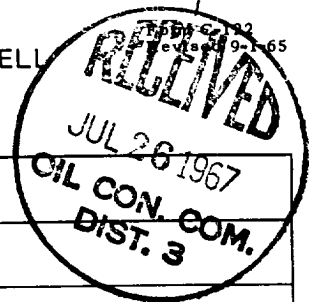


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL



Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 7-7-67	
Company Tenneco Oil Co.				Connection	
Pool				Formation Pictured Cliffs	
Completion Date		Total Depth		Plug Back TD	
				Elevation	
Farm or Lease Name State Com. "H"					
Csq. Size 3.5	Wt.	d	Set At 2836	Perforations: From 2791 To 2819	
Tbg. Size	Wt.	d	Set At	Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single Gas				Packer Set At	
Producing Thru Csg.				Baro. Press. - P_g 12.0	
Reservoir Temp. °F @				Mean Annual Temp. °F	
L		H		Gg	
				% CO ₂	
				% N ₂	
				% H ₂ S	
				Prover	
				Meter Run	
				Taps	

FLOW DATA							TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI									802		
1.	2 x 3/4								186	60	3 Hrs
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P_m	Flow Temp. Factor F_t	Gravity Factor F_g	Super Compress. Factor, F_{pv}	Rate of Flow Q, Mcfd
1	12.3650		198	1.000	.9608	1.020	2399
2.							
3.							
4.							
5.							

NO.	P_r	Temp. °R	T_r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P_c 814	P_c^2 662596	(1) $\frac{P_c^2}{P_c^2 - R_w^2} =$ 1.0744	(2) $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n =$ 1.0628	
NO.	P_t^2	P_w	R_w^2	$P_c^2 - R_w^2$
1	39204	214	45865	616731
2				
3				
4				
5				

AOF = Q $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n =$ **2550**

Absolute Open Flow 2550 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .85
Remarks: _____			
Approved By Commission:	Conducted By:	Calculated By: Neil Tefteller	Checked By: <i>[Signature]</i>

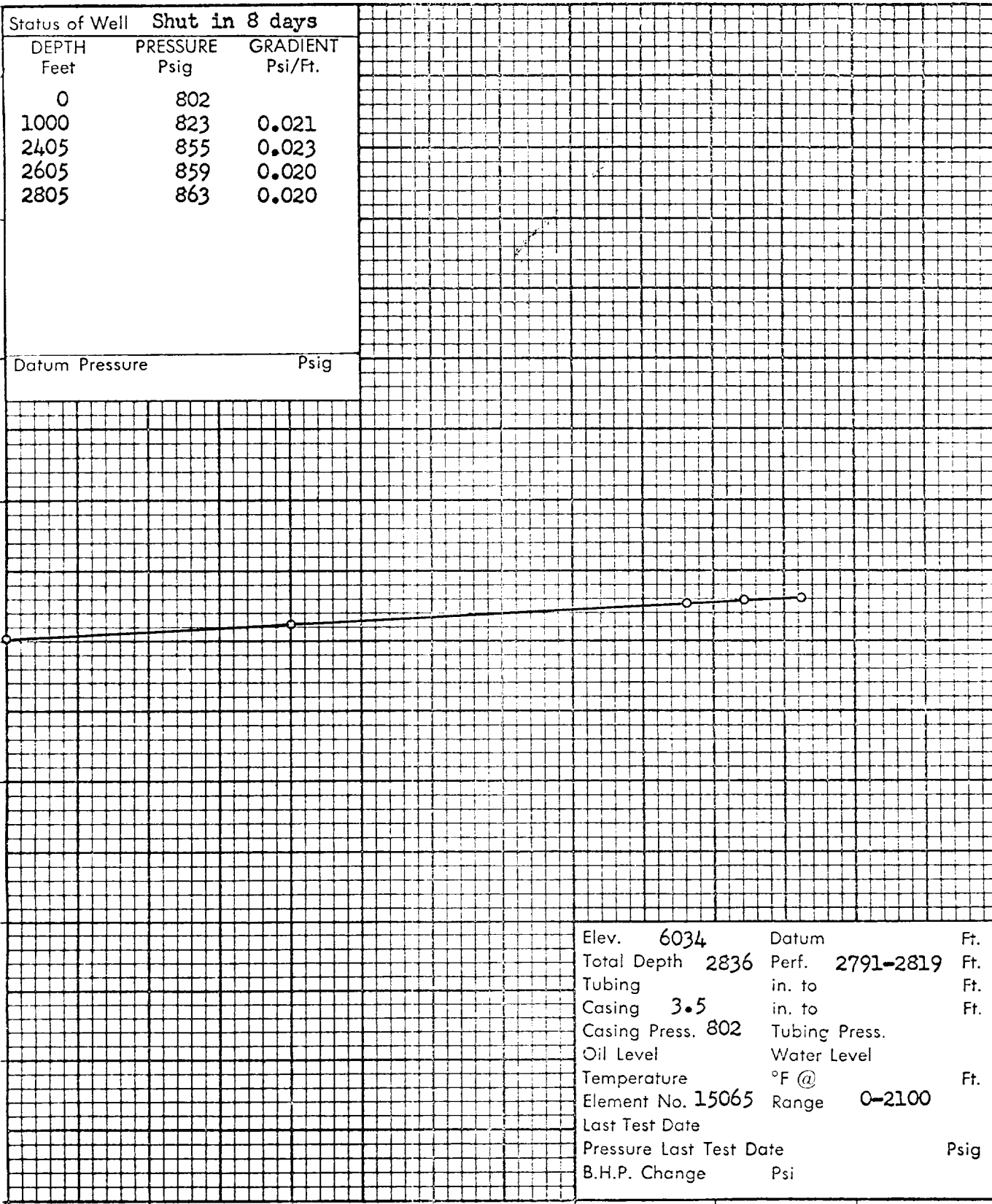
Company TENNECO OIL COMPANY Lease STATE COM. "H" Well No. 9
Field _____ County SAN JUAN State NEW MEXICO
Formation PICTURED CLIFFS Test Date JULY 7, 1967

Status of Well **Shut in 8 days**

DEPTH Feet	PRESSURE Psig	GRADIENT Psi/Ft.
0	802	
1000	823	0.021
2405	855	0.023
2605	859	0.020
2805	863	0.020

Datum Pressure _____ Psig

1600
1400
1200
1000
800
600
400
200
0



Elev. 6034 Datum _____ Ft.
Total Depth 2836 Perf. 2791-2819 Ft.
Tubing _____ in. to _____ Ft.
Casing 3.5 in. to _____ Ft.
Casing Press. 802 Tubing Press. _____
Oil Level _____ Water Level _____
Temperature _____ °F @ _____ Ft.
Element No. 15065 Range 0-2100
Last Test Date _____
Pressure Last Test Date _____ Psig
B.H.P. Change _____ Psi

PRESSURE POUNDS PER SQUARE INCH GAUGE

DEPTH - FEET