

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

Form C-122
Revised 1-65

RECEIVED

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 9-28-66				
Company Tenneco Oil Company				Connection					
Pool Blanco Pictured Cliffs				Formation Pictured Cliffs				Unit	
Completion Date		Total Depth		Plug Back TD 3176		Elevation 6250		Farm or Lease Name Florance	
Csg. Size 3.5	Wt.	d	Set At 3194	Perforations: From 3097 To 3127		Well No. 97			
Tbg. Size	Wt.	d	Set At	Perforations: From To		Unit Sec. Twp. Rge. 0 5 30 9			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple					Packer Set At		County San Juan		
Producing Thru		Reservoir Temp. °F		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico	
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									881		
1.	2	2	3/4						192	60	3 hr.
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	123550		204	1.000	.9608	1.021	2473
2.							
3.							
4.							
5.							

NO.	P _f	Temp. °R	T _f	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
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 893	P _c ² 797449	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.0660}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.0557}$
NO.	P _w	P _w ²	P _c ² - P _w ²
1	222	49279	748070
2			
3			
4			
5			

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{2611}$

Absolute Open Flow **2611** Mcfd @ 15.025 Angle of Slope θ _____ Slope, n **.57**

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By: Neil Tetteller	Checked By: <i>J. E. Massey</i>
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J. E. Massey

Company TENNECO OIL COMPANY Lease FLORANCE Well No. 97
 Field BLANCO PICTURED CLIFFS County SAN JUAN State NEW MEXICO
 Formation PICTURED CLIFFS Test Date SEPTEMBER 28, 1966

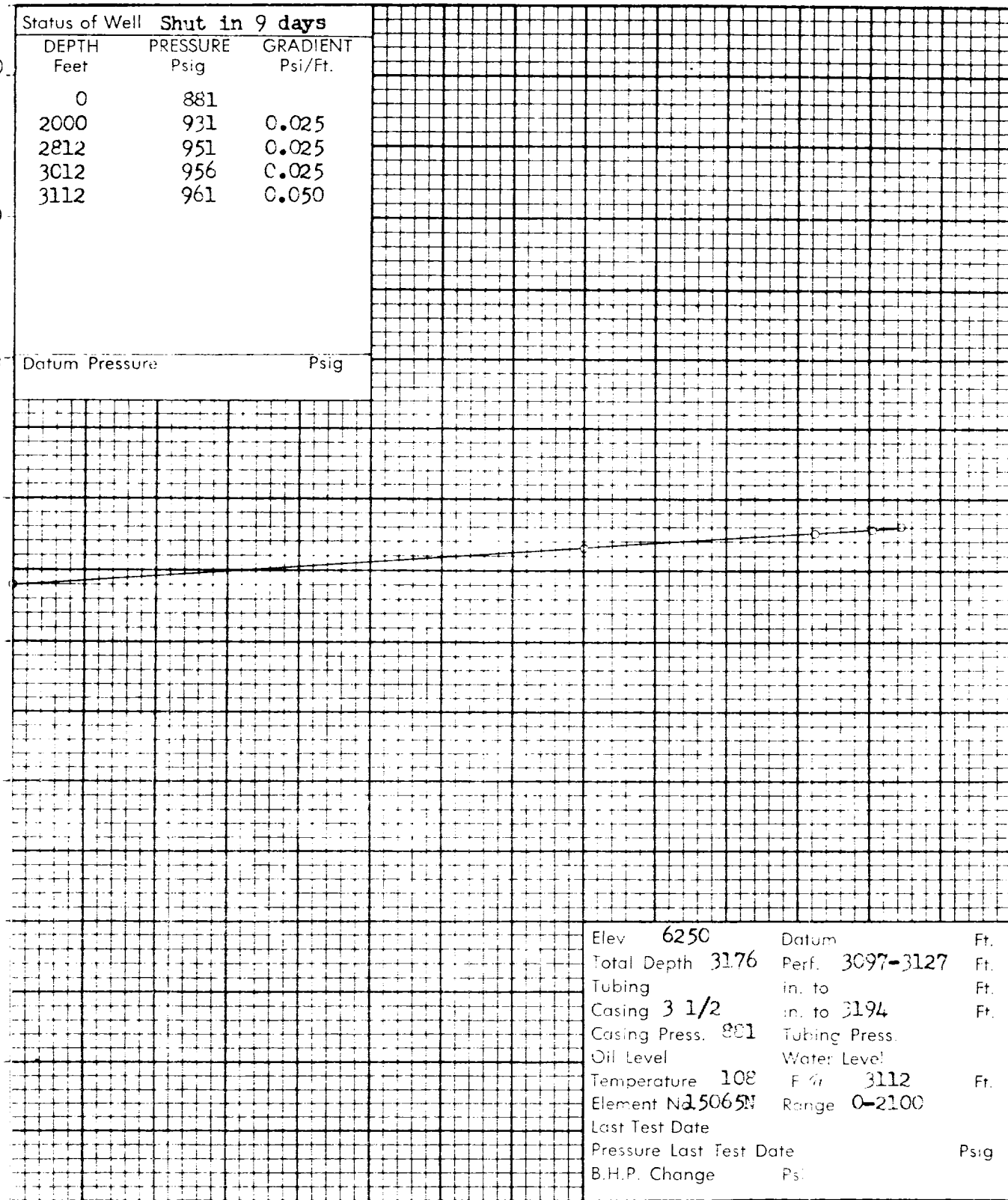
Status of Well **Shut in 9 days**

DEPTH Feet	PRESSURE Psig	GRADIENT Psi/Ft.
0	881	
2000	931	0.025
2812	951	0.025
3012	956	0.025
3112	961	0.050

Datum Pressure _____ Psig

PRESSURE POUNDS PER SQUARE INCH GAUGE

1600
1400
1200
1000
800
600
400
200
0



Elev 6250 Datum _____ Ft.
 Total Depth 3176 Perf. 3097-3127 Ft.
 Tubing _____ in. to _____ Ft.
 Casing 3 1/2 in. to 3194 Ft.
 Casing Press. 881 Tubing Press. _____
 Oil Level _____ Water Level _____
 Temperature 108 F. at 3112 Ft.
 Element No. 15065N Range 0-2100
 Last Test Date _____
 Pressure Last Test Date _____ Psig
 B.H.P. Change _____ Psi

0 500 1000 1500 2000 2500 3000 3500

DEPTH, FEET