

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

Form C-122
Revised 9-1-65

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 3222		Plug Back TD 3202		Elevation 6360
Farm or Lease Name Florance						
Csg. Size	Wt.	d	Set At 3222	Perforations: From 3150 To 3181		Well No. 98
Thg. Size	Wt.	d	Set At	Perforations: From To		Unit Sec. Twp. Rge. 6 30 9
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At		County San Juan
Producing Thru CSG		Reservoir Temp. °F 103 @		Mean Annual Temp. °F		Baro. Press. - P _a 12.0
State New Mexico						
L 3150	H	G _g .650	% 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									921		
1.	2	x	3/4						143	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, F _{pv}	Rate of Flow Q, Mcfd
1	12.3650		155	1.000	.9603	1.015	1867
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 933	P _c ² 870489	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.0339}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.0288}$
NO. $\frac{P_c^2}{P_c^2 - P_w^2}$	P _w	P _w ²	P _c ² - P _w ²
1	170	28515	841974
2			
3			
4			
5			

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1921}$

Absolute Open Flow 1921 Mcfd @ 15.025	Angle of Slope θ _____	Slope, n .85
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Remarks: _____

Approved By Commission:	Conducted By:	Calculated By: Neil Tefteller	Checked By: J. E. Massey
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Company TENNECO OIL COMPANY Lease FLORANCE Well No. 98
 Field BLANCO PICTURED CLIFFS County SAN JUAN State NEW MEXICO
 Formation PICTURED CLIFFS Test Date SEPTEMBER 28, 1966

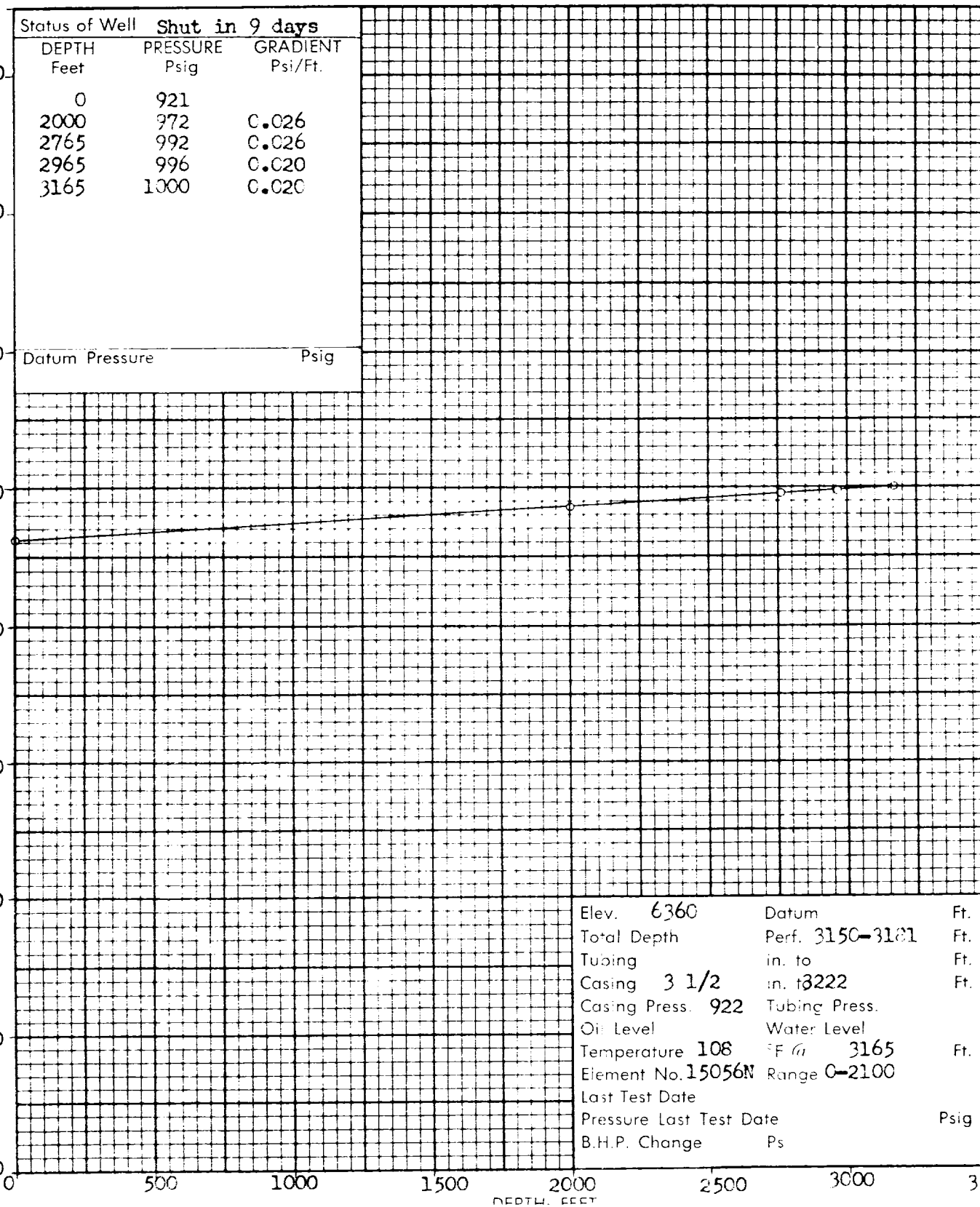
Status of Well Shut in 9 days

DEPTH Feet	PRESSURE Psig	GRADIENT Psi/Ft.
0	921	
2000	972	C.C26
2765	992	C.C26
2965	996	C.C20
3165	1000	C.C20

Datum Pressure Psig

PRESSURE POUNDS PER SQUARE INCH GAUGE

1600
1400
1200
1000
800
600
400
200
0



Elev. 6360 Datum 3150-3161 Ft.
 Total Depth 3165 Ft.
 Tubing 3 1/2 in. to 3222 Ft.
 Casing Press. 922 Tubing Press. 996
 Oil Level 3165 Ft.
 Temperature 108 °F
 Element No. 15056N Range 0-2100
 Last Test Date SEP 28 1966
 Pressure Last Test Date 996 Psig
 B.H.P. Change 89 Ps

DEPTH, FEET

2500 3000 3500