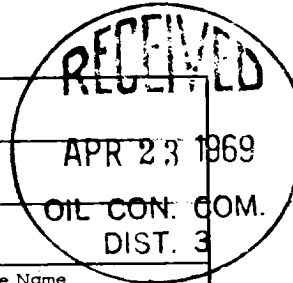


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 4-14-69	
Company Tenneco Oil Co.				Connection			
Pool				Formation Fruitland		Unit	
Completion Date		Total Depth 3184		Plug Back TD 3020		Elevation 6314	
Farm or Lease Name Florance		Well No. 107					
Csg. Size 3.5	Wt. 7.7	d	Set At 3131	Perforations: From 2836 To 2856			
Tbg. Size	Wt.	d	Set At	Perforations: From To		Unit Sec. Twp. Rge. E 8 30 9	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At		County San Juan	
Producing Thru Casing		Reservoir Temp. °F #		Mean Annual Temp. °F		Baro. Press. - P _a 12.0	
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									896		
1.	2 x 3/4"								92	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 Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.3650		104	1.0000	.9608		1237
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 908	P _c ² 824464			
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²
1		112	12615	811849
2				
3				
4				
5				

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.0155 \quad (2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0131$$

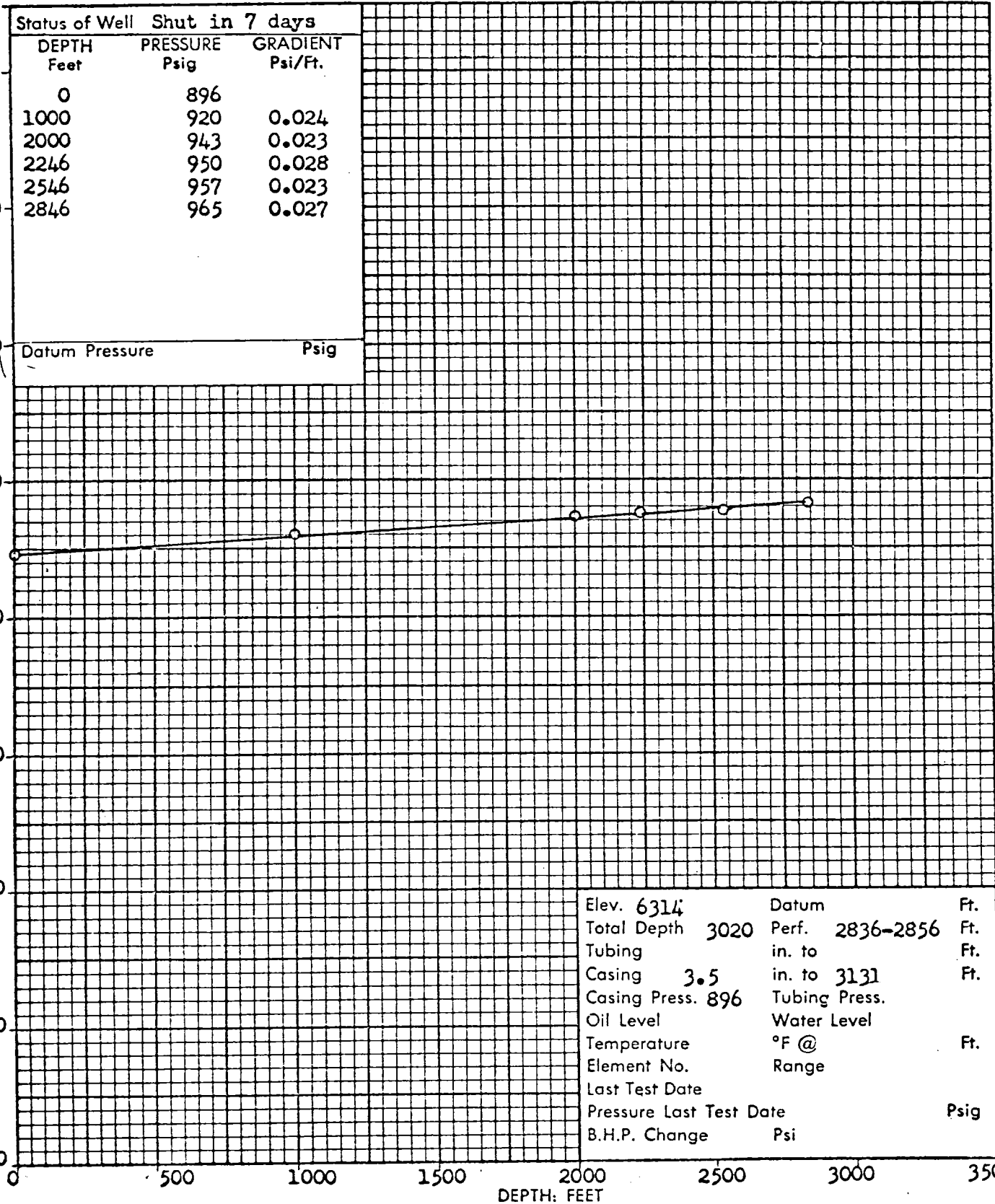
$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1253$$

Absolute Open Flow	1253	Mcf/d @ 15.025	Angle of Slope @	Slope, n .85
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Remarks:

Approved By Commission:	Conducted By:	Calculated By: Neil Tefteller	Checked By:
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Company TENNECO OIL COMPANY Lease FLORANCE Well No. 107
 Field _____ County SAN JUAN State NEW MEXICO
 Formation FRUITLAND Test Date APRIL 14, 1969



PRESSURE POUNDS PER SQUARE INCH GAUGE

DEPTH: FEET