

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

Form C-122
1-65

RECEIVED

APR 1 1969

**OIL CON. COM.
DIST. 3**

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 3-17-69			
Company Tenneco Oil Co.				Connection				
Pool Pictured Cliffs				Formation Pictured Cliffs				Unit
Completion Date		Total Depth 3184		Plug Back TD 3096		Elevation 6314		Farm or Lease Name Florance
Csg. Size 3.5	Wt. 7.7	d	Set At 3131	Perforations: From 3052 To 3076		Well No. 107		
Thq. 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 a		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.	
SI									767	
1.	2 x 3/4								171	60
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	12.3650		183	1.000	.9608	1.019	2213
2.							
3.							
4.							
5.							

NO.	P _t	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 _____ XXXXXXXXXX
3.					Specific Gravity Flowing Fluid _____ XXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 679	P _c ² 461041	
NO.	P _t ²	P _w ²
1		199
2		39569
3		421472
4		
5		

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.0939}$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.0793}$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{2388}$

Absolute Open Flow 2388 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:
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Company TENNECO OIL COMPANY Lease FLORANCE Well No. 107
 Field PICTURED CLIFFS County SAN JUAN State NEW MEXICO
 Formation PICTURED CLIFFS Test Date MARCH 17, 1969

