

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 6-7-77	
Company Tenneco Oil Company			Connection		
Pool Blanco			Formation Mesa Verde		Unit
Completion Date 5-25-77		Total Depth 4942'	Plug Back TD 4849'	Elevation 6029'	Farm or Lease Name Florance
Csq. Size 4-1/2"	Wt. 10.5#	d 	Set At 4922'	Perforations: From 4580' To 4819'	
Tbg. Size 2-3/8"	Wt. 4.7#	d 	Set At 4824'	Perforations: From 4056' To 4529'	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None Set	
Producing Thru Tubing		Reservoir Temp. °F 	Mean Annual Temp. °F 	Baro. Press. - P _a 	
L 		H 	G _g .680	% 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							647		709	
1.	2x6x.75			182		61	182	61	609	
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	11		194	.9990	1.213	1.0217	2642
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.	.29	521	1.35	.958	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 721	P _c ² 519841	
NO.	P _t ²	P _w
1		621
2		
3		
4		
5		

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 3.8736$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 7295$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.7611$$

Absolute Open Flow 7295 Mcfd @ 15.025	Angle of Slope θ _____	Slope, n .75
Remarks: _____		
Approved By Commission:	Conducted By:	Calculated By: K. Jenkins
		Checked By: