

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 9-2-76	
Company Tenneco Oil Company					Connection	
Pool Blanco					Formation Mesa Verde	
Completion Date 8/24/76			Total Length 5375'		Plug Back TD 5328'	
					Elevation 6082' GL	
Csg. Size 4 1/2"		Wt. 10.5#	d	Set At 5375'	Perforations: From 5182' To 4880'	
Teg. Size 2-3/8"		Wt. 4.7#	d	Set At	Perforations: From 4807' To 4471'	
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
SI						
1.	2x6x.75			148		
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}
1	11		160	1.007	1.213	1.019
2						
3						
4						
5						
NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.	
1	.24	513	1.33	.9638	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 523 P _c ² 273529					(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 5.3903$	
NO.	P _r ²	P _w	P _w ²	P _c ² - P _w ²	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3.5376$	
1	25600	472	222784	50745		
2						
3						
4						
5						
Absolute Open Flow 7751					Mcf/d @ 15.025	
Angle of Slope θ					Slope, n .75	
Remarks:						
Approved By Commission:		Conducted By:		Calculated By:		Checked By: