

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

Form C-122
 Revised 9-1-55

Type Test ☐ Initial ☐ Annual ☐ Special					Test Date 12-13-76	
Company Tenneco Oil Company				Connection		
Pool Blanco				Formation Mesa Verde		Unit
Completion Date 12-5-76		Total Depth 5010'		Plug Back TD 4976'		Elevation 5883'
Csg. Size 4 1/2"		WT. 10.5		Set At 5010'		Perforations: From 4924' To 4663'
Tbg. Size 2-3/8"		WT. 4.7		Set At 4893		Perforations: From 4612' To 4214'
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None Set		Form or Lease Name Giomi A-1A
Producing Thru		Reservoir Temp. °F P		Mean Annual Temp. °F		Baro. Press. - P _a
L		H		Cg		Prover
				.680		
				% CO ₂		% N ₂
				% H ₂ S		
				Meter Run		Taps
FLOW DATA				TUBING DATA		CASING DATA
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F
SI						
1.	2x6x.750			138	-	54
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		150	1.006	1.213	1.0169
2.						
3.						
4.						
5.						
NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.	
1.	.22	514	1.34	.967	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 552 P _r ² 304704					(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 3.2407$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.4154$	
NO.	P _c ²	P _w	P _w ²	P _c ² - P _w ²	AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 4944$	
1		459	210681	94022		
2						
3						
4						
Absolute Open Flow <u>4944</u> Mcfd @ 15.025					Angle of Slope θ _____ Slope, n <u>.75</u>	
Remarks: _____						
Approved By Commission: _____ Conducted By: _____ Calculated By: _____ Checked By: _____						