

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 4-6-77	
Company Tenneco Oil Company				Connection			
Pool Blanco				Formation Mesa Verde		Unit	
Completion Date 3/28/77		Total Depth 5102'		Plug Back TD 5053'		Elevation 5984'	
Csg. Size 4 1/2"		Wt. 10.5#		Set At 5096'		Perforations: From 4779' To 4964'	
Tbg. Size 2-3/8"		Wt. 4.7#		Set At 4940'		Perforations: From 4719' To 4470'	
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		Gg .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.
SI							
1.	2 x 6 x 0.75			198		63	198
2.							63
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	11		210	.9971	1.213	1.023	2858
2.							
3.							
4.							
5.							
NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl. A.P.I. Gravity of Liquid Hydrocarbons _____ Deg. Specific Gravity Separator Gas _____ Specific Gravity Flowing Fluid _____ Critical Pressure _____ P.S.I.A. Critical Temperature _____ R		
1.	.3139	523	1.3584	.955	XXXXXXXXXX XXXXXX P.S.I.A. R		
2.							
3.							
4.							
5.							
P _c 702 P _c ² 492804					(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 5.9228$		
NO.	P _r ²	P _w	P _w ²	P _c ² - P _w ²	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 10851$		
1		628	394384	81716	OIL COM. 3.7956 DIST. 3		
2							
3							
4							
5							
Absolute Open Flow					Angle of Slope θ		Slope, n
· 10851 Mcfd @ 15.025							.75
Remarks:							
Approved By Commission:		Conducted By:		Calculated By:		Checked By:	
				Katharine Jenkins			