

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 8/20/75			
Company Tenneco Oil Company				Connection					
Pool Mesa Verde				Formation Mesa Verde				Unit F	
Completion Date 8/16/75		Total Depth 4503		Plug Back TD Open Hole		Elevation 6263 GL		Farm or Lease Name Florance	
Cas. Size 4 1/2"	Wt. 10.5	d	Set At 4410	Perforations: From Open Hole To		Well No. 29-A			
Tub. Size 0	Wt. 0	d	Set At 0	Perforations: From To		Unit Sec. Twp. Rge. F 25 T30N R8W			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At		County San Juan	
Producing Thru		Reservoir Temp. °F a		Mean Annual Temp. °F		Baro. Press. - P _g		State New Mexico	
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.	Prever 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.	Temp. °F	
1.	2 x	.750		275		42	-	-	580		3 hrs.
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		287	1.012	1.213	1.036	4015
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. _____ P.S.I.A. Critical Temperature _____ R _____ R
1	0.422	502	1.304	.931	
2					
3					
4					

F _c	580	P _c ²	336400
NO.	F _r ²	P _w	P _w ²
1	58564	299	89401
2			
3			
4			
5			

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.3619$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 5062$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.2607$$

Absolute per Flow _____ Mcfd @ 15.025	Angle of Slope @ _____
Remarks: _____	
Approved By Commission: _____	
Conducted By: _____	Calculated By: _____
Checked By: _____	