

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 12-6-76	
Company Tenneco Oil Company				Connection	
Pool Blanco Mesa Verde				Formation Mesa Verde	
Completion Date 11-24-76		Total Depth 5142'		Plug Back TD 5105'	
Elevation 5985'GL		Farm or Lease Name Florance			
Csg. Size 4 1/2"	Wt. 10.5#	d	Set At 5142	Perforations: From 5049' To 4819'	
Tbg. Size 2-3/8"	Wt. 4.6#	d	Set At 5056"	Perforations: From 4307' To 4672'	
Type Well - Single - Broadhead - 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		State New Mexico			
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.	Temp. °F	Press. p.s.i.g.	
SI							445		690	
1.	2x6x.750			174		55	174	55	559	-
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		186	1.005	1.213	1.020	2544
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.	.28	515	1.34	.959	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 690	P _c ² 476100	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.9098$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.2279$
NO.	P _r ²	P _w	P _w ²
1	-	559	312481
2			
3			
4			
5			

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 5668$	
Absolute Open Flow 5668 Mcfd @ 15.025	Angle of Slope θ Slope, n .75

Remarks:			
Approved By Commission:	Conducted By:	Calculated By:	Checked By: