

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	
Company TENNECO OIL COMPANY				Connection	
Pool Blanco Mesa Verde				Formation Mesa Verde	
Completion Date		Total Depth		Elevation AUG 14 1975	
Perforations: From		Perforations: From		Farm or Lease Name Florance	
Perforations: To		Perforations: To		Well No. 49	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple		Packer Set At		County	
Producing Thru Tubing		Reservoir Temp. °F		Mean Annual Temp. °F	
Baro. Press. - P _g		State			
L		H		Ga	
%		%		%	
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.		Temp. °F
1.	2 x .750			131		80	131		724		3hr.
2.									497		
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _L	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, mcf/d
1	11		143	0.9813	1.213	1.014	1899
2							
3							
4							
5							

NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1	0.214	540	1.4024	0.972	A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2					Specific Gravity Separator Gas _____ XXXXXXXXXX
3					Specific Gravity Flowing Fluid _____ XXXXXX
4					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5					Critical Temperature _____ R _____ R

NO.	P _t	P _w	P _w ²	P _t ² - P _w ²	(1) $\frac{P_t^2}{P_t^2 - P_w^2} =$	(2) $\left[\frac{P_t^2}{P_t^2 - P_w^2} \right]^n =$
1	20,449	509	259,081	282,615	1.9167	1.6290
2						
3						
4						
5						

A = 3093		Mcf @ 15.025		Angle of Slope θ		Slope, n 75	
Remarks							
Approved by Commission:		Conducted By:		Calculated By:		Checked By:	