

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 10-8-75			
Company TENNECO OIL COMPANY				Connection					
Pool Mesa Verde				Formation Blanco Mesa Verde				Unit P	
Completion Date 9-23-75		Total Depth 5790'		Plug Back TD		Elevation		Farm or Lease Name Florance	
Case Size 4 1/2"	Wt. 10.5#	d	Set At 5748'	Perforations: From 4742 To 5585		Well No. 16-A			
Fig. Size 2 3/8"	Wt. 4.7#	d	Set At 5604'	Perforations: From To		Unit P	Sec. 6	Twp. 30N	Rye. 9W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At None		County San Juan	
Producing Thru Tubing		Reservoir Temp. °F		Mean Annual Temp. °F		Baro. Press. - P _g		State New Mexico	
L	H	Cg	% 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							499		660	
1.	2 x .750			181	-	66	181	66	601	-
2.										
3.										
4.										
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	11		193	.9943	1.213	1.020	2612
2							
3							
4							
5							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.	
1	.2838	526	1.374	.961	A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.	
2					Specific Gravity Separator Gas _____ XXXXXXXXXX	
3					Specific Gravity Flowing Fluid _____ XXXXX	
4					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.	
5					Critical Temperature _____ R _____ R	

NO.	P _r	P _w	P _w ²	P _c ² - P _w ²	$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 5.9564$ $AOG = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 9959$ $(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3,8127$
1	37,249	613	375,769	75,815	
2					
3					
4					

Absolute Open Flow <u>9953</u> Mcfd @ 15.025		Angle of Slope θ _____ Slope, n <u>.75</u>	
Remarks: _____			
Approved By Commission:		Conducted By:	
		J. D. Hicks	
Calculated By:		Checked By:	