

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 6-7-77	
Company Tenneco Oil Company				Connection	
Pool Blanco				Formation Mesa Verde	
Completion Date 5-28-77		Total Depth 5044'		Plug Back TD 4974'	
Elevation 6031'		Farm or Lease Name Florance			
Csg. Size 4-1/2"	Wt. 10.5#	d	Set At 5028'	Perforations: From 4855' To 4679'	
Tbg. Size 2-3/8"	Wt. 4.7#	d	Set At 4847'	Perforations: From 4561' To 4195'	
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		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							572		751	
1.	2x6x0.75			185		65	185	65	619	
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		197	.9952	1.213	1.0217	2673
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1	.2945	525	1.36	.958	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 763	P _c ² 582169	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 3.1638$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.3722$	
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²
1		631	398161	184008
2				
3				
4				
5				

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 6341$

Absolute Open Flow **6341** Mcfd @ 15.025

Angle of Slope θ _____ Slope, n **.75**

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By: K. Jenkins	Checked By:
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