

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 6-2-77	
Company Tenneco Oil Company				Connection	
Pool Blanco				Formation Mesa Verde	
Completion Date 5-22-77		Total Depth 5398'		Plug Back TD 5300'	
				Elevation 6382'	
Farm or Lease Name Florance					
Csg. Size 4-1/2"	Wt. 10.5#	d	Set At 5397'	Perforations: From 5284' To 4913'	
Tbg. Size 2-3/8"	Wt. 4.7#	d	Set At 5248'	Perforations: From 4583' To 4870'	
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							527		607	
1.	2x6x0.75			117		64	117	64	482	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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	11		129	.9962	1.213	1.0107	1733
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.	
1.	.1928	588	1.5273	.979	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 _____ °F _____ °F	

P _c 619	P _c ² 383161	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.7541$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.1379$
NO.	P _t ²	P _w	P _w ²
1		494	244036
2			
3			
4			
5			

Absolute Open Flow 3705 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .75
Remarks: _____			
Approved By Commission:	Conducted By:	Calculated By: K. Jenkins	Checked By: