

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 6-15-77	
Company Tenneco Oil Company				Connection	
Pool Blanco				Formation Mesa Verde	
Completion Date 6-4-77		Total Depth 4929'		Plug Back TD 4839'	
Elevation 5819'		Farm or Lease Name Florance			
Csq. Size 4-1/2"	Wt. 10.5#	d	Set At 4929'	Perforations: From 4786' To 4388'	
Thq. Size 2-3/8"	Wt. 4.7#	d	Set At 4716'	Perforations: From 4222' To 3940'	
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	G _g .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							567		648	
1.	2 x 6 x .75			111		64	111	64	445	
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		123	.9962	1.213	1.0148	1659
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.	.1839	524	1.36	.971	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

P _c 660	P _c ² 435600	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.9210$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.6318$
NO.	P _t ²	P _w	P _w ²
1		457	208849
2			
3			
4			
5			

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2707$

$\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2707$

Absolute Open Flow _____ 2707 _____ Mcfd @ 15.025	Angle of Slope θ _____	Slope, n _____ .75 _____
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Remarks: _____

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