

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 6-23-77																																																																																										
Company Tenneco Oil Company						Connection																																																																																										
Pool Blanco						Formation Mesa Verde		Unit																																																																																								
Completion Date 6-9-77			Total Depth 4764'		Plug Back TD 4680'		Elevation 5748' GL		Farm or Lease Name Florance																																																																																							
Csg. Size 4-1/2"	Wt. 10.5#	d	Set At 4753'	Perforations: From 3816' To 4575'		Well No. 1-A																																																																																										
Thg. Size 2-3/8"	Wt. 4.7#	d	Set At 4541'	Perforations: From To		Unit Sec. Twp. Rge. P, 35, 29N, 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 _a		State New Mexico																																																																																								
L	H	Gg	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run	Taps																																																																																								
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th align="center" colspan="5">FLOW DATA</th> <th align="center" colspan="2">TUBING DATA</th> <th align="center" colspan="2">CASING DATA</th> <th align="center" rowspan="2">Duration of Flow</th> </tr> <tr> <th>NO.</th> <th>Prover Line Size</th> <th>X</th> <th>Orifice Size</th> <th>Press. p.s.i.g.</th> <th>Diff. h_w</th> <th>Temp. °F</th> <th>Press. p.s.i.g.</th> <th>Temp. °F</th> <th>Press. p.s.i.g.</th> <th>Temp. °F</th> </tr> <tr> <td>SI</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>732</td> <td></td> <td>726</td> <td></td> </tr> <tr> <td>1.</td> <td>2x6x.75</td> <td></td> <td></td> <td>172</td> <td></td> <td>60</td> <td>172</td> <td>60</td> <td>397</td> <td></td> </tr> <tr> <td>2.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>										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	SI							732		726		1.	2x6x.75			172		60	172	60	397		2.											3.											4.											5.										
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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		184	1.000	1.213	1.0212	2507																																																																																									
2.																																																																																																
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NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl. A.P.I. Gravity of Liquid Hydrocarbons _____ Deg. Specific Gravity Separator Gas _____ XXXXXX Specific Gravity Flowing Fluid _____ XXXXX Critical Pressure _____ P.S.I.A. _____ P.S.I.A. Critical Temperature _____ R _____ R																																																																																											
1.	.28	520	1.35	.959																																																																																												
2.																																																																																																
3.																																																																																																
4.																																																																																																
5.																																																																																																
P _c 738 P _c ² 544644 NO. P _t ² P _w P _w ² P _c ² - P _w ²					(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.4433$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.3168$																																																																																											
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5																																																																																																
Absolute Open Flow 3301 _____ Mcfd @ 15.025					Angle of Slope θ _____		Slope, n .75																																																																																									
Remarks: _____																																																																																																
Approved By Commission: _____ Conducted By: _____ Calculated By: K. Jenkins _____ Checked By: _____																																																																																																