

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 1-29-79																															
Company Consolidated Oil & Gas, Inc.				Connection																																
Pool Blanco Mesa Verde				Formation Mesa Verde		Unit																														
Completion Date		Total Depth		Plug Back TD 8100	Elevation 7097 KB	Farm or Lease Name Jenny																														
Csg. Size 5 1/2	Wt. 17	d	Set At 8110	Perforations: From 5920 To 5980		Well No. 1-A																														
Tbg. Size 1 1/4	Wt.	d	Set At 5965	Perforations: From To		Unit Sec. Twp. Rge. P 13 26 4																														
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual gas				Packer Set At 7850		County Rio Arriba																														
Producing Thru Tubing		Reservoir Temp. °F 8		Mean Annual Temp. °F		State New Mexico																														
L	H	Gg 0.650	% CO ₂	% N ₂	% H ₂ S	Prover X																														
FLOW DATA			TUBING DATA		CASING DATA																															
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. hw	Temp. °F																														
1	Shut-in 11 days																																			
2	2 X 3/4																																			
3																																				
4																																				
5																																				
RATE OF FLOW CALCULATIONS																																				
NO.	Coefficient (24 Hour)	$\sqrt{h_w F_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super. Comp. Factor, Fpv																														
1	9.453		187	1.000	1.240	1.020																														
2																																				
3																																				
4																																				
5																																				
NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.																															
1					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 1134 P_c² 1285956 <table border="1" style="width: 100%;"> <tr> <th>NO.</th> <th>P_t²</th> <th>P_w</th> <th>P_w²</th> <th>P_c² - P_w²</th> </tr> <tr> <td>1</td> <td></td> <td>862</td> <td>743044</td> <td>542915</td> </tr> <tr> <td>2</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5</td> <td></td> <td></td> <td></td> <td></td> </tr> </table> (1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.3686$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.9092$ AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 4269$							NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	1		862	743044	542915	2					3					4					5				
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²																																
1		862	743044	542915																																
2																																				
3																																				
4																																				
5																																				
Absolute Open Flow 4269				Mcf @ 15.025		Angle of Slope 0																														
Remarks:																																				
Approved By Commission: Conducted By: Tefteller, Inc. Calculated By: Neil Tefteller Checked By:																																				

