

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 11-22-78	
Company Consolidated Oil & Gas, Inc.				Connection	
Pool So. Blanco Mesa Verde				Formation Mesa Verde	
Completion Date		Total Depth 7773		Elevation 6851	
Csg. Size 5 1/2		Set At 7772		Perforations: From 5731 To 5887	
Tbg. Size 1 1/4		Set At 5755		Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual gas				Packer Set At 7610	
Producing Thru Tubing		Reservoir Temp. °F 148 @ 5700		Baro. Press. - P _a 12.0	
L		H		Prover X	
Gg 0.650		% CO ₂		% N ₂	
Meter Run		Taps		County Rio Arriba	
State New Mexico					

FLOW DATA							TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI	7 days						947		962		
1.	2" X 3/4"						80	60	732		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	9.452		92	1.000	1.240	1.000	1078
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	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 974	P _c ² 948676	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.4009$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.9286$
NO.	P _t ²	P _w	P _w ²
1		744	553536
2			
3			
4			
5			

Absolute Open Flow 2079		Mcf/d @ 15.025	Angle of Slope θ	Slope, n 75
Remarks:				

Approved By Commission:	Conducted By: John Pennington	Calculated By: Neil Tefteller	Checked By:
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