

**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 1-26-80	
Company Consolidated Oil & Gas, Inc.				Connection		
Pool				Formation Mesa Verde		Unit
Completion Date		Total Depth		Plug Back TD 7066	Elevation	
Csq. Size 5 1/2	Wt. d	Set At 7077	Perforations: From 4684 To 4891		Gross Well No. 1-M	
Tbg. Size 1 1/4	Wt. d	Set At 4917	Perforations: From To		Unit Sec. Twp. Rge. 1 7 31 12	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual gas				Packer Set At 6740		County San Juan
Producing Thru Tubing		Reservoir Temp. °F		Mean Annual Temp. °F		State New Mexico
L	H	Gg .650	% CO ₂	% N ₂	% H ₂ S	Prover 6" nipple
FLOW DATA			TUBING DATA		CASING DATA	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F
1	8 days					
2	3/4" X 6"					
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}
1	11.00		117	1.000	1.240	1.011
2						
3						
4						
5						
NO.	P _t	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	
$P_c = 738$ $P_c^2 = 544644$						
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 3.7505$	
1		632	399424	145220	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.6950$	
2						
3						
4						
5						
Absolute Open Flow _____ 4350 _____ Mcfd @ 15.025					Angle of Slope @ _____ .75	
Remarks: _____						
Approved By Commission:		Conducted By: A. Hughes		Calculated By: A. Hughes		Checked By:

