

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			
Company Consolidated Oil & Gas, Inc.				Connection			
Pool				Formation Mesa Verde			
Completion Date		Total Depth 6939'		Plug Back TD 6902'		Elevation 5813' 12' KB	
Farm or Lease Name Wilmerding				Well No. 1-M			
Csg. Size 5 1/2"	Wt. 15 1/2#	d	Set At 6939'	Perforations: From To		Unit Sec. Twp. Rge. C 10 31N 13W	
Tbg. Size 1 1/2"	Wt. 2.4#	d	Set At 4549	Perforations: From 4412 To 4539			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual				Packer Set At 5015		County San Juan	
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a New Mexico	
L	H	Gg	% 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							1091		1092	
1.	2" X 3/4" pos. ck.						120	60	675	
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	11.00		132	1.000	1.240	1.011	1820.3
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 _____ XXXXXX
3.					Specific Gravity Flowing Fluid _____ XXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 1104	P _c ² 1219	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.6319$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.4438$
NO.	P _t ²	P _w	P _w ²
1		687	472
2			
3			
4			
5			

Absolute Open Flow 2628 _____ Mcfd @ 15.025		Angle of Slope @ _____ Slope, n 75	
Remarks: _____			
Approved By Commission:		Conducted By: Lynn Alexander	
Calculated By: Neil Tefteller		Checked By:	