

N. MEXICO OIL CONSERVATION COMMS
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-121
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 9-2-78	
Company Consolidated Oil & Gas Inc.			Connection		
Pool Blanco Mesa Verde			Formation Mesa Verde		Unit
Completion Date		Total Depth	Plug Back TD 6005	Elevation 7075	Form or Lease Name JICARILLA B
Csg. Size 4 1/2	Wt.	d	Set At 6023	Perforations: From 5835 To 5731	Well No. 1-A
Tub. Size 1 1/2	Wt.	d	Set At 5873	Perforations: From To	Unit Sec. Twp. Rge. P 26 26 4
Type Well - Single - Bradenhead - G.G. or G.O. Multiple SINGLE GAS				Packer Set At	County KIOARRISA
Producing Thru TB9		Reservoir Temp. °F 149 @ 5850	Mean Annual Temp. °F	Baro. Press. - P _a	State N.M.
L	H	G _g 650	% 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. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI							1189		1175	
1.	2 x 3/4						163	60	752	
2.										
3.										
4.										
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	9453		175	1.000	1.240	1.017	2086
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 _____ XXXXXXXXXX
3.					Specific Gravity Flowing Fluid _____ XXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

NO.	P ₁ ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.6797$	(2) $\frac{P_c^2}{P_c^2 - P_w^2} = 4754$
1		764	583696	858705		
2						
3						
4						
5						

ACF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3078$

3078 Mcfd @ 15.025

Angle of Slope θ _____

Slope **1.75**

Absolute Open Flow _____

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
		Al. T. ...	

