

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 4-24-80	
Company Consolidated Oil & Gas, Inc.				Connection		
Pool Basin Dakota				Formation Dakota		Unit
Completion Date		Total Depth 7060		Plug Back TD 7041		Elevation
Csg. Size 5 1/2		Wt. 15.5		Set At 7060		Perforations: From 6763 To 6970
Tbg. Size 1 1/2		Wt.		Set At 6821		Perforations: From To
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual gas				Packer Set At		Farm or Lease Name Lea
Producing Thru Tubing		Reservoir Temp. °F		Mean Annual Temp. °F		Baro. Press. - P _a 12.0
L		H		Gg .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. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
1.	2" X 3/4"						1786	60			3 hours
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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1.	11.00		109	1.000	1.240	1.011	1503
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 1798	P _c ² 3232804					
NO	P _i ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0656$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0487$
1	11881		177126	3055678		
2						
3						
4						
5						

AOFP = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1576$

Absolute Open Flow 1576 Mcfd @ 15.025

Angle of Slope @ _____

Remarks: _____

Approved By Commission:	Conducted By: Toby Tefteller	Calculated By: Neil Tefteller	Checked By:
-------------------------	---------------------------------	----------------------------------	-------------

