

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1.

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 12-6-80	
Company Consolidated Oil & Gas, Inc.		Connection	
Pool Basin Dakota		Formation Dakota	
Completion Date		Total Depth	
Csg. Size 4 1/2		Set At 8386	
Thq. Size 1 1/2		Set At 8269	
Perforations: From 8252 To 8328		Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual		Packer Set At 7750	
Producing Thru Tubing		Reservoir Temp. °F Mean Annual Temp. °F	
Baro. Press. - P _g 12.0		State New Mexico	
L H G _g .600 est.		% 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	
SI	Shut-in										
1.	2" X 1" DWT										
2.							1575		Pkr.		
3.							190	60	Pkr.		
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	*		18" Hg	1.000			
2.							439
3.							
4.							
5.							

NO.	P _f	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons	Deg.
2.					Specific Gravity Separator Gas	XXXXXXX
3.					Specific Gravity Flowing Fluid	XXXXXX
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

P _c 1587	P _c ² 2519	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0909$	(2) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0674$
NO.	P _i ²	P _w	P _w ²
1			210
2			2309
3			
4			
5			

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 469$

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Oil Co

Absolute Open Flow	Mcf/d @ 15.025	Angle of Slope θ	Slope, %
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Remarks: *Producing through production unit, gas measured with orifice well tester, temp. 60° sp. gr. .600

Approved By Commission:	Conducted By: G. W. Taylor	Calculated By: Neil Tefteller	Checked By:
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