

**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 11-30-78			
Company Consolidated Oil & Gas, Inc.						Connection			
Pool Basin Dakota						Formation Dakota		Unit	
Completion Date		Total Depth 7773		Plug Back TD		Elevation 6851		Farm or Lease Name McIntyre	
Csg. Size 5 1/2	Wt.	d	Set At 7772	Perforations: From 7748 To 7762		Well No. 1-A			
Tbg. Size 1 1/2	Wt.	d	Set At 7680	Perforations: From To		Unit Sec. Twp. Rye. K 11 26 4			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual gas						Packer Set At 7610		County Rio Arriba	
Producing Thru Tbg.		Reservoir Temp. °F 160 @ 7125		Mean Annual Temp. °F		Baro. Press. - P _a 12.0		State New Mexico	
L	H	Gg .650	% CO ₂	% N ₂	% H ₂ S	Prover X	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	15 days						1271		Pkr.		
1.	2" X 3/8"			112			140	60	Pkr.		3 hrs.
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	2.378		124	1.000	1.240	1.012	370
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons	42.6 @ 60 Deg.
2.					Specific Gravity Separator Gas	XXXXXXXXXX
3.					Specific Gravity Flowing Fluid	XXXXXX
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

P _c 1283	P _c ² 1646089	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0211$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0157$
NO.	P _t ²	P _w	P _w ²
1	23104		33953
2			
3			
4			
5			

Absolute Open Flow		376	Mcf/d @ 15.025	Angle of Slope	75
Remarks:					

Approved By Commission:	Conducted By: John Pennington	Calculated By: Neil Tefteller	Checked By:
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