

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 12-17-80	
Company Consolidated Oil & Gas, Inc.			Connection None		
Pool Gallup			Unit Tribal		
Completion Date		Total Depth		Plug Back TL	
Elevation		Farm or Lease Name Tribal		Well No. C-4-F	
Csg. Size 4 1/2	Wt. d	Set At 8386	Perforations: From 7655 To 7681		Unit Sec. Twp. Rye. H 6 26N 3W
Tbg. Size 1 1/2	Wt. d	Set At 8269	Perforations: From To		Unit Sec. Twp. Rye. H 6 26N 3W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single string dual				Packer Set At 7750	
Producing Thru Tubing		Reservoir Temp. °F 179 @ 7600		Baro. Press. - P _a New Mexico	
L	H	Gg	% CO ₂	% N ₂	% H ₂ S
Prover DWT			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	Duration of Flow
1.	Shut-in 7 days						1363		1349		
2.	2" X 1" DWT						280	60	492		
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.			25" Hg	1.000			533
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 _____ 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 1375	P _c ² 1891	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1552$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1142$
NO.	P _t ²	P _w	P _w ²
1.		504	254
2.			1637
3.			
4.			
5.			

Absolute Open Flow _____ 594 _____ Mcfd @ 15.025		Angle of Slope θ _____
Remarks: _____		

Approved By Commission:	Conducted By: Stephen Baird	Calculated By: Neil Tefteller	Checked By:
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