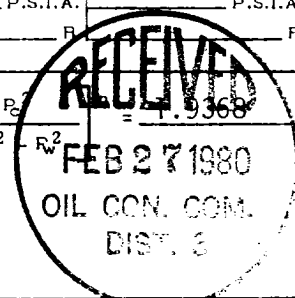


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special					Test Date						
Company Consolidated Oil & Gas, Inc.					Connection						
Pool Blanco Mesa Verde					Formation Mesa Verde						
Completion Date			Total Depth		Top Hole Test		Elevation		Farm or Lease Name		
			6938						Duke		
Csg. Size		Wt.	d	Set At		Perforations:		Well No.			
5 1/2		15.5		6953		From 3768 To 4776		1-M			
Tbg. Size		Wt.	d	Set At		Perforations:		Unit	Sec.	Twp.	
1 1/4				4672		From To		1	13	31	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple					Packer Set At			County			
Dual gas					6620			San Juan			
Producing Thru			Reservoir Temp. °F		Mean Annual Temp. °F		Baro. Press. - P ₀		State		
Tubing			@				12.0		New Mexico		
L	H	Gg	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run	Taps			
		.650				6" nipple					
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
51	7 days						1011		994		
1.	2 X 6"						131	60	771		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		143	1.000	1.240	1.014	1978				
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	1023	P _c ²	1046529								
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.4144$		(2) $\left[\frac{P_c}{P_c^2 - P_w^2} \right]^n = 1.9368$				
1		783	613089	433440							
2											
3											
4											
5											
Absolute Open Flow _____ 3831 _____ Mcfd @ 15.025					Angle of Slope θ _____ 53.13°			Slope, n _____ .75			
Remarks: _____											
Approved By Commission:			Conducted By: Neil Tefteller			Calculated By: Neil Tefteller			Checked By:		



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