NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test: [X] Initial [ ] Annual [ ] Special				Test Date	
Company: Consolidated Oil & Gas, Inc.		Connection:			
Pool: Blanco Mesa Verde		Formation: Mesa Verde		Unit	
Completion Date	Total Depth	Plug Back TD: 6938	Elevation	Farm or Lease Name: Duke	
Csg. Size: 5 1/2 / Wt.: 15.5 / d: / Set At: 6953		Perforations: From 3768 To 4776		Well No.: 1-M	
Tbg. Size: 1 1/4 / Wt.: / d: / Set At: 4672		Perforations: From To		Unit: 1 Sec.: 13 Twp.: 31 Rge.: 13	
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Dual gas		Packer Set At: 6620		County: San Juan	
Producing Thru: Tubing	Reservoir Temp. °F	Mean Annual Temp. °F	Baro. Press. – P_a: 12.0	State: New Mexico	

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
		.650				6" nipple		

	FLOW DATA				TUBING DATA		CASING DATA		
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
SI	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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	11.00		143	1.000	1.240	1.014	1978
2.							
3.							
4.							
5.							

NO.	P_r	Temp. °R	T_r	Z
1.				
2.				
3.				
4.				
5.				

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator Gas _____ XXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
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		783	613089	433440
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.4144$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.9368$

$AOF = Q\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 3831$

RECEIVED
FEB 27 1980
OIL CON. COM.
DIST. 3

Absolute Open Flow 3831 Mcfd @ 15.025 | Angle of Slope θ 53.13° | Slope, n .75

Remarks: _____

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