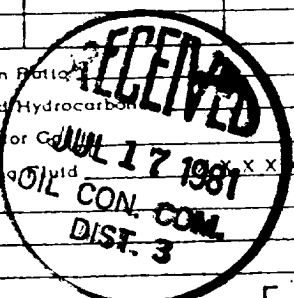


MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 7-8-81	
Company Jerome P. McHugh				Connection	
Pool South Blanco				Formation Pictured Cliffs	
Completion Date 6-27-81		Total Depth 3286' GL		Plug Back TD 3273' GL	
				Elevation 7160'	
Csg. Size 4 1/2"		Wt. 10.5		ID 4.052	
Perforations: From 3140' To 3249'		Set At 3286		Well No. #2	
Perforations: From open end To		Set At 3174		Unit G 17 24N 2W	
Type Well - Single - Brdenhead - G.G. or G.O. Multiple single				Packer Set At	
Producing Thru tbq.				County Rio Arriba	
Reservoir Temp. °F #				State New Mexico	
Mean Annual Temp. °F				Baro. Press. - P _a	
L		H		Prover	
Gg		% CO ₂		% N ₂	
.62					
FLOW DATA				TUBING DATA	
Casing Data				Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Temp. °F
SI				954	66
1.					
2.					
3.	1/2" pos. choke		235		66
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
1					
2					
3	5.4315		247	.9943	.9837
4					
5					
NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio
1					
2					
3					
4					
5					
					
NO.	P _r	P _w	P _c	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.45$
1					
2					
3		539	290,521	642,635	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.37$
4					
5					
Absolute Open Flow <u>1843</u> Mcf Angle of Slope θ <u>.85</u>					
Remarks: <u>dry gas</u>					
Approved by Division		Conducted by: Anderson		Checked by: Anderson	