

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

Form O-123
Revised 1-6-75

Type Test: ☒ Initial ☐ Annual ☐ Special		Date: 7-8-75	
Company: Caulkins Oil Company		Location: Gallup	
Well: Undes Gallup		Lease No: Breach "E"	
Completion Date: June 30, 1975	Total Depth: 6770	Perforation Depth: 6604	Perforation Interval: 6538
Perforation Size: 7"	Wellbore Size: 23#	Set At: 6768	Perforation From: 6502 To: 6556
Perforation Size: 2.375	Wellbore Size: 4.7	Set At: 6430	Perforation From: 6430 To: 6556
Type Well - Single - Bradenhead - G.G. or G.O. Multiple		Type Well: Single gas	
Producing Thru: Tubing		Reservoir Temp. °F: None	
Mean Annual Temp. °F: None		County: Rio Arriba	
State: New Mexico		Meters Run: 5	
Flow Data		Casing Data	
NO.	Prover Line Size	X	Orifice Size
1.	3/4"		
2.			
3.			
4.			
5.			
RATE OF FLOW CALCULATIONS			
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P_m
1.	14.1605		62
2.			
3.			
4.			
5.			
NO.	P_c	Temp. °R	T_c
1.	1362		
2.			
3.			
4.			
5.			
$P_c^2 = 1,855,044$ $P_w^2 = 116,964$ $P_c^2 - P_w^2 = 1,738,080$			
$\frac{P_c^2}{P_c^2 - P_w^2} = 1.067$ $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0520$			
$Q_g = 923$			
Absolute Free Flow: 923 Meters Run: 75 Slope: n			
Remarks:			
Approved By Commission:		Conducted By:	

