

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

Form 122
Rev. 1-65

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 1/29/75	
Company Southern Union Production Co.		Connection Southern Union Gathering Co.	
Pool Blanco		Reservoir Mesaverde	
Completion Date 1/20/75		Total Depth 4760	
Csg. Size 5.500		Set At 4760	
Tbg. Size 1.900		No Perforations	
Well No. 1		Name of Lease Lester	
Type Well - Single - Brodenhead - G.G. or G.O. Multiple Dual - Gas - Gas		San Juan	
Producing Thru Tubing		New Mexico	
L 4495		G _a 0.700	
FLOW DATA			
NO.	Prover Line Size	Orifice Size	Press. p.s.i.g.
1.	2"	3/4"	
TUBING DATA			
NO.	Press. p.s.i.g.	Temp. °F	
1.	910	67°	
CASING DATA			
NO.	Press. p.s.i.g.	Temp. °F	
1.			
RATE OF FLOW CALCULATIONS			
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m
1.	12.3650		214
2.			
3.			
4.			
5.			
NO.	P _r	Temp. °R	T _r
1.			
2.			
3.			
4.			
5.			
Gas-Liquid Hydrocarbon Ratio _____ A.P.I. Gravity of Liquid Hydrocarbons _____ Specific Gravity Relative Gas _____ Specific Gravity Relative Fluid _____ Critical Pressure _____ Critical Temperature _____			
$P_c = 922$ $P_c^2 = 850,084$			
NO.	P_L^2	P_W^2	$P_c^2 - P_W^2$
1.			390,704
2.			
3.			
4.			
5.			
$\frac{P_c^2 - P_W^2}{P_c^2 - P_L^2} = 1.8505$ $\left[\frac{P_c^2 - P_W^2}{P_c^2 - P_L^2} \right]^n = 3954$			
Absolute Open Flow 3954			
Slope, n 0.75			
Remarks:			
Approved By Commission:		Conducted By: Kenneth E. Roddy	
		Checked By: Kenneth E. Roddy	