

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 5/27/81	
Company Supron Energy Corporation		Correction Southern Union Gathering Co.	
Pool Wildcat		Formation Chacra	
Completion Date 5/14/81	Total Depth 6660	Plug Back TD 6618	Elevation 5794
Coq. Size 4.500	Wt. 10.50	d 4.052	Set At 6659
Perforations From 2962 To 3084	Well No. 16-E		Unit P
Perforations From To	Sec. 33		Twp. 29N
Type Well - Single - Fordinghead - C.G. or C.O. Multiple Dual - Gas - Gas		Packer Set At 6343	County San Juan
Producing Thru Casing	Reservoir Temp. °F P	Annual Temp. °F	Baro. Press. - P ₀ 12
L 2952	H	Cg 0.650	% N ₂
			% H ₂ S
			Prover
			Meter Run
			Topo
FLOW DATA		TUBING DATA	
NO.	Prover Line Size	X	Orifice Size
SI	2"		3/4"
1.			
2.			
3.			
4.			
5.			
RATE OF FLOW CALCULATIONS			
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m
1	12.3650		280
2.			
3.			
4.			
5.			
NO.	R ₁	Temp. °R	T ₁
1			
2.			
3.			
4.			
5.			
Gas-Liquid Hydrocarbon Ratio _____ Mcf/bbl A.P.I. Gravity of Liquid Hydrocarbons _____ Deg Specific Gravity Separator Gas _____ Specific Gravity Flowing Fluid _____ Critical Pressure _____ Critical Temperature _____			
(1) $\frac{P_c^2}{R^2 - R_c^2} = 1.1104$ (2) $\left[\frac{R_c^2}{R^2 - R_c^2} \right]^n = 1.0817$ AOF = 0 $\left[\frac{R^2}{R^2 - R_c^2} \right]^n = 3664$			
NO.	P ₁ ²	P ₂ ²	P ₃ ² - P ₂ ²
1	1006	1,012,036	100,632
2.			
3.			
4.			
5.			
Absolute Open Flow 3664		Mold # 15.025	Angle of Slope 0.75
Remarks			
Approved By Division		Conducted By	Calculated By
			Checked By

