

Form C-122
Revised 10-1-7

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test		☒ Initial		☐ Annual		☐ Special		Test Date		5/27/81	
Company				Connection							
Supron Energy Corporation				Southern Union Gathering Co.							
Pool				Formation							
Bloomfield Ext.				Chacra							
Completion Date		Total Depth		Plug Back TD		Elevation		Form or Lease Name			
5/7/81		6508		6464		5658		Congress			
Csg. Size		Wt.		d		Set At		Perforations		Well No.	
4.500		10.50		4.052		6508		From 2784 To 2906		4-E	
Tub. Size		Wt.		d		Set At		Perforations		Unit Sec. Twp. Rge.	
No Tubing								From To		E 35 29N 11W	
Type Well - Single - Fractured - G.G. or G.O. Multiple								Packer Set At		County	
Dual - Gas - Gas								6168		San Juan	
Producing Thru		Reservoir Temp. °F		Annual Temp. °F		Baro. Press. - P _o		State			
Casing		P				12		New Mexico			
L		H		Cg		% N ₂		% H ₂ S		Prover	
2774				0.650						Meter Run Tops	
FLOW DATA					TUBING DATA			CASING DATA			Duration of Flow
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	
1	2"		3/4"						950		7 Days
2									101	64°	3 Hours
3											
4											
5											
RATE OF FLOW CALCULATIONS											
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	RECEIVED JUN 8 1981 1361 OIL CON. COM. DIST. 3					
1	12.3650		113	0.9962	0.9608						
2											
3											
4											
5											
NO.	P ₁	Temp. °R	T ₁	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.						
1					A.P.I. Gravity of Liquid Hydrocarbons _____ Dec.						
2					Specific Gravity Separator Gas _____ X X X X X X X X						
3					Specific Gravity Flowing Fluid _____ X X X X X						
4					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.						
5					Critical Temperature _____ R _____ R						
P ₁ 962 P ₂ 925,444					(1) $\frac{P_c^2}{P_1^2 - P_2^2} = 1.0177$ (2) $\left[\frac{P_c^2}{P_1^2 - P_2^2} \right]^n = 1.0132$						
NO.	P ₁	P ₂	P ₁ ²	P ₂ ²	AOF = Q $\left[\frac{P_c^2}{P_1^2 - P_2^2} \right]^n = 1369$						
1			16,116	909,328							
2											
3											
4											
5											
Absolute Open Flow 1369					Mcf @ 15.025		Angle of Slope		Slope, n 0.75		
Remarks											
Approved By Division				Conducted By				Checked By			