

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

Form C-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 3-24-80	
Company SUPRON ENERGY CORPORATION				Connection Southern Union Gathering Co.		
Pool Undesignated				Formation Chacra		Unit
Completion Date 3-14-80		Total Depth 3252		Plug Back TD 3212		Elevation 5784
Csg. Size 4.500		Wt. 9.50		Set At 4.090		3252
Tbg. Size 1.900		Wt. 2.76		Set At 1.610		3117
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single				Perforations: From 2996 To 3123		Well No. 21
Producing Thru Tubing				Baro. Press. - P _a 12		Unit Sec. Twp. Rge. K 35 29N 10W
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single				Packer Set At -----		County San Juan
Producing Thru Tubing				Baro. Press. - P _a 12		State New Mexico
L 3105	H	Gg 0.620	% CO ₂	% N ₂	% H ₂ S	Prover
FLOW DATA			TUBING DATA		CASING DATA	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F
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	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv
1	12.3650		143	1.0019	0.9837	1.012
2.						
3.						
4.						
5.						
NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.	
1					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.	
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	
$P_c = 1078$ $P_c^2 = 1,162,084$ (1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.5113$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.3630$						
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²		
1		627	393,129	768,955		
2						
3						
4						
5						
Absolute Open Flow <u>2,404</u> Mcfd @ 15.025 Angle of Slope <u>0.75</u>						
Remarks:						
Approved By Commission:		Conducted By: Bennie Brown		Calculated By: Kenneth E. Roddy		Checked By:

