

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 12-3-80	
Company SUPRON ENERGY CORPORATION				Connection Southern Union Gathering Company		
Pool Basin				Formation Dakota		Unit
Completion Date 11-14-80		Total Depth 8175		Plug Back TD 8159	Elevation 6583	Farm or Lease Name Oxnard
Well No. 1-A	Well ID 7.825	WT. 26.40	d 6.969	Set At 3770	Perforations: From 8037 To 8150	
Unit C	WT. 3.25	d 1.750	Set At 8008	Perforations: From No Perforations To 		Sec. 8 Twp. 31N Rge. 8W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual - Gas - Gas				Packer Set At 7997		County San Juan
Producing Thru Tubing		Reservoir Temp. °F 0		Mean Annual Temp. °F 12		State New Mexico
L 7998	H	Gg 0.700	% 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 F _g	Super Compress. Factor F _{pv}
1	12,3650		34	1.0010	0.9258	1.000
2.						
3.						
4.						
5.						
NO.	P _t	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
$P_c = 1757$ $P_c^2 = 3,087,049$						
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0033$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0024$	
1			10,060	3,076,989		
2						
3						
4						
5						
$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 391$						
Absolute Open Flow 391				Mcf @ 15.025	Angle of Slope @	Slope, n 0.75
Remarks:						
Approved By Commission:		Conducted By: Phil Collard		Calculated By: Kenneth E. Roddy		Checked By: