

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 12-10-80	
Company SUPRON ENERGY CORPORATION				Connection Southern Union Gathering Company		
Pool Blanco				Formation Mesaverde		Unit
Completion Date 11-14-80		Total Depth 8175		Plug Back TD 8159		Elevation 6583
Farm or Lease Name Oxnard		Well No. 1-A				
Core No. 7-825 5.500	Wt. 26.40 15.50	d 6.969 4.950	Set At 3770 3631-8171	Perforations: From 5443 To 5918		Unit Sec. Twp. Rge. C 8 31N 8W
Thg. Size 2.0625	Wt. 3.25	d 1.750	Set At 5949	Perforations: From 5884 To 5890		County San Juan
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual - Gas - Gas				Packer Set At 7997		State New Mexico
Producing Thru Tubing		Reservoir Temp. °F θ		Mean Annual Temp. °F		Baro. Press. - P _a 12
L 5874	H	G _g 0.650	% CO ₂	% N ₂	% H ₂ S	Prover Meter Run Taps

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
SI	2"		3/4"				789		738		14 days
1.							136	680	582		3 hours
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 Γ _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.3650		148	0.9924	0.9608	1.013	1768
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 801	P _c ² 641,601	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.2219$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.8199$
NO.	P _t ²	P _w	P _w ²
1		594	352,836
2			
3			
4			
5			

Absolute Open Flow 3218 Mcfd @ 15.025		Angle of Slope θ	Slope, n 0.75
Remarks:			
Approved By Commission:	Conducted By: Phil Collard	Calculated By: Kenneth E. Roddy	Checked By: