

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 8-20-80	
Company SUPRON ENERGY CORPORATION				Connection El Paso Natural Gas Company			
Pool Basin				Formation Dakota		Unit	
Completion Date 8-5-80		Total Depth 6720		Plug Back TD 6615		Elevation 6074	
Frog Size 5.500		Wt. 15.50		Set At 4.950		Perforations: From 6381 To 6609	
Thq. Size 2.0625		Wt. 3.25		Set At 1.750		Perforations: No perforations From To	
Type Well - Single - Ironhead - G.G. or G.O. Multiple Dual - Gas - Gas				Packer Set At 6321		County San Juan	
Producing Thru Tubing		Reservoir Temp. °F 6		Mean Annual Temp. °F		Baro. Press. - P _a 12	
L 6311		H		Gg 0.700		% CO ₂ % N ₂ % H ₂ S Prover	
Meter Run		Taps		Unit Sec. Twp. Rge. E 30 27N 8W			
State New Mexico							

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"				2028				7 days
2.							100	67°			3 hours
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	Rate of Flow Q, Mcfd
1	12.3650		112	0.9933	0.9258	1.012	1289
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____
3.					Specific Gravity Flowing Fluid _____
4.					Critical Pressure _____ P.S.I.A.
5.					Critical Temperature _____ R

P _c 2040	P _c ² 4,161,600	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0228$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0170$
NO.	P _t ²	P _w	P _w ²
1			92,629
2			4,068,371
3			
4			
5			

Absolute Open Flow 1311 Mcfd @ 15.025		Angle of Slope @ _____		Slope, n 0.75	
Remarks: _____					
Approved By Commission:		Conducted By: John Rector		Calculated By: Kenneth E. Roddy	
				Checked By:	