

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

Form C-122  
Revised 9-1-65

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special					Test Date 1-20-81	
Company SUPRON ENERGY CORPORATION				Connection Gas Company of New Mexico		
Pool Basin				Formation Dakota		Unit
Completion Date 12-30-80		Total Depth 7615		Plug Back TD 7577	Elevation 6650	Farm or Lease Name Jicarilla "J"
Csg. Size 4.500	Wt. 10.50	d 4.052	Set At 7615	Perforations: From 7351 To 7514		Well No. 11-E
Tub. Size 2.375	Wt. 4.70	d 1.995	Set At 7292	Perforations: No Perforations		Unit Sec. Twp. Rgm. A 25 26-N 5-W
Type Well - Single - Fractured - G.G. or G.O. Multiple Dual - Gas - Gas				Packer Set At 7285		County Rio Arriba
Producing Thru Tubing		Reservoir Temp. *F #	Mean Annual Temp. *F	Baro. Press. - P <sub>a</sub> 12		State New Mexico
L 7282	H	Gg 0.700	% CO <sub>2</sub>	% N <sub>2</sub>	% H <sub>2</sub> S	Prover Meter Run Taps
FLOW DATA				TUBING DATA		CASING DATA
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. hw	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 <sub>m</sub>	Flow Temp. Factor Ft.	Gravity Factor F <sub>g</sub>	Super Compress. Factor F <sub>pv</sub>
1	12.3650		185	1.0000	0.9258	1.021
2.						
3.						
4.						
5.						
NO.	P <sub>i</sub>	Temp. *R	T <sub>i</sub>	Z	Gas Liquid Hydrocarbon Ratio	
1					A.P.I. Gravity of Liquid Hydrocarbons	
2.					Specific Gravity Separator Gas	
3.					Specific Gravity Flowing Fluid	
4.					Critical Pressure P.S.I.A.	
5.					Critical Temperature R	
P <sub>c</sub> 1852	P <sub>c</sub> <sup>2</sup> 3,429,904					
NO.	P <sub>i</sub> <sup>2</sup>	P <sub>w</sub> <sup>2</sup>	P <sub>w</sub> <sup>2</sup>	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0497$	
1		162,315	3,267,589		(2) $\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0370$	
2.						
3.						
4.						
5.						
Absolute Open Flow	2242	Mcf @ 15.025	Angle of Slope @	Slope, n	0.75	
Remarks:						
Approved by Commission:		Conducted By: Doyal Parret		Calculated By: Kenneth E. Roday		Checked By:

