

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 5-22-79	
Company SUPRON ENERGY CORPORATION				Connection Gas Company of New Mexico		
Pool Basin				Formation Dakota		Unit
Completion Date 5-5-79		Total Depth 8236		Plug Back TD 8143		Elevation 7137 Gr.
Farm or Lease Name Jicarilla "B"		Well No. 11				
Csg. Size 5.825	Wt. 15.38	d 1.750	Set At 4900	Perforations: From 7996 To 8115		Unit Sec. Twp. Rge. D 25 26N 4W
Trq. Size 2.0625	Wt. 3.25	d 1.750	Set At 7970	Perforations: From ----- To -----		Unit Sec. Twp. Rge. D 25 26N 4W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual - Gas - Gas				Packer Set At 7970		County Rio Arriba
Producing Thru Tubing		Reservoir Temp. °F 8		Mean Annual Temp. °F 12		State New Mexico
L 7956	H	Gg 0.700	% CO ₂	% N ₂	% H ₂ S	Prover Meter Run Faps

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
SI	2"		3/4"				1987				7 days
1.							48	60°			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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.3650		60	1.0000	0.9258	1.000	687
2.							
3.							
4.							
5.							

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

P _c 1999		P _c ² 3,996,001		(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0079$		(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0058$	
NO.	P _i ²	P _w	P _w ²	P _c ² - P _w ²			
1			31,147	3,964,854			
2							
3							
4							
5							

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 691$

Absolute Open Flow 691 Mcfd @ 15.025 Angle of Slope 0.15

Remarks:

Approved By Commission:	Conducted By: John C. Rector	Calculated By: Kenneth E. Roddy	Checked By:
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