


1	<div><div>TEAM LND Calgary, Alberta CANADA</div></div>			Case Name: F:\FINALEMENT\QSDFG1.HSC		
2				Unit Set: SI		
3				Date/Time: Tue Jan 30 20:31:49 2007		
4						
5						
6	Workbook: Case (Main)					
7						
8						
9						
10	Streams				Fluid Pkg:	All
11	Name	gaz naturel	vapeur d'eau	3	gaz de synthèse	
12	Vapour Fraction	1.0000	1.0000	1.0000	1.0000	
13	Temperature (C)	800.0 *	420.0 *	778.6	490.6	
14	Pressure (kPa)	2500 *	2600 *	2500	2300	
15	Molar Flow (kgmole/h)	7710 *	880.0 *	8590	1.019e+004	
16	Mass Flow (kg/h)	1.450e+005	1.585e+004	1.609e+005	1.609e+005	
17	Std Ideal Liq Vol Flow (m3/h)	432.2	15.89	448.1	490.4	
18	Heat Flow (kJ/h)	-2.011e+008	-2.004e+008	-4.015e+008	-4.015e+008	
19	Molar Enthalpy (kJ/kgmole)	-2.609e+004	-2.277e+005	-4.674e+004	-3.941e+004	
20						
21	Unit Ops					
22	Operation Name	Operation Type	Feeds	Products	Ignored	Calc. Level
23	MIX-100	Mixer	gaz naturel	3	No	500.0 *
24			vapeur d'eau			
25	four de reforming	Plug Flow Reactor	3	gaz de synthèse	No	500.0 *
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						
48						
49						
50						
51						
52						
53						
54						
55						
56						
57						
58						
59						
60						
61						
62						
63						
64						
65						
66						
67						
68						
69						