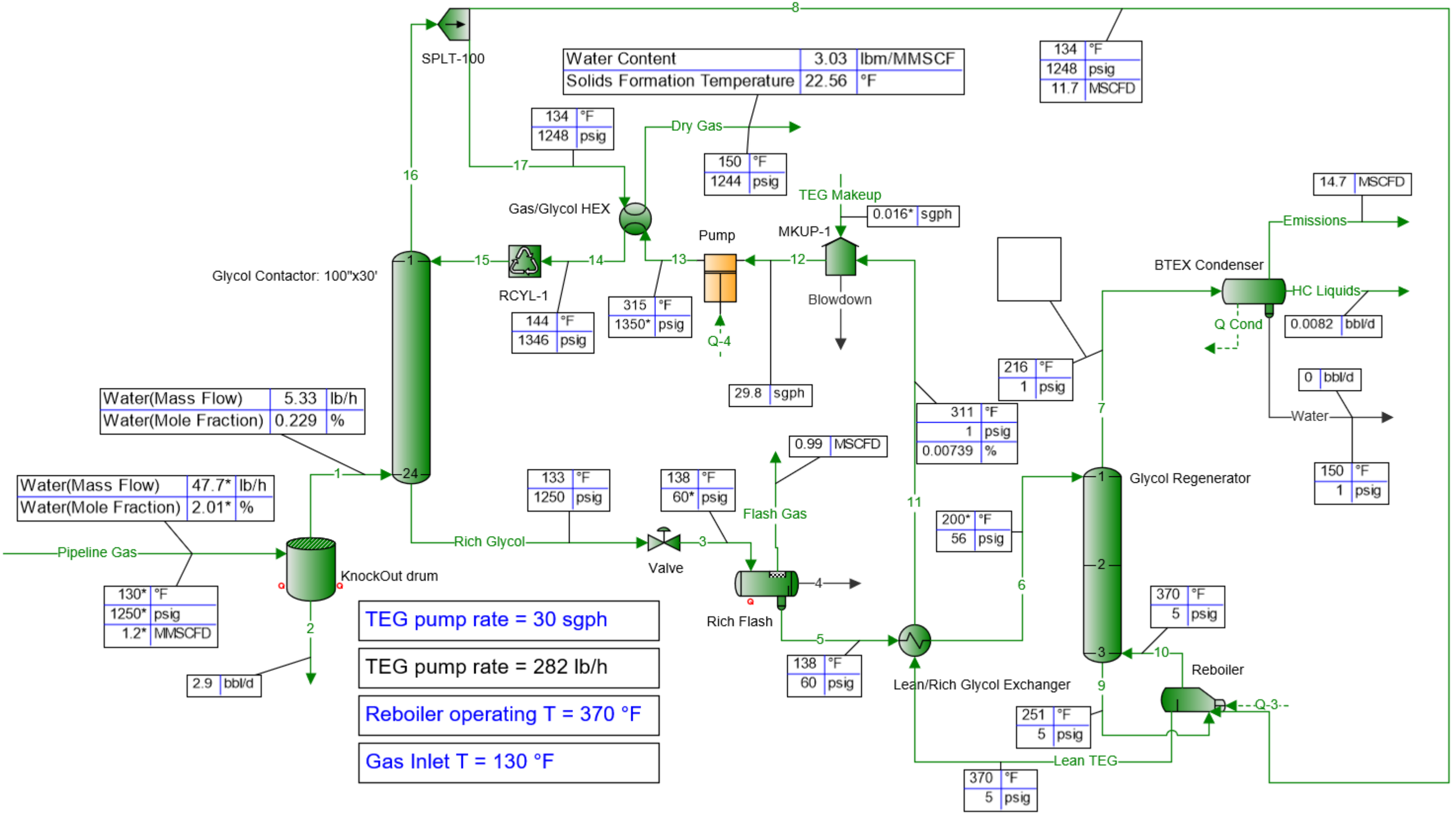
SPLT-100
8
Water Content 3.03 lbm/MMSCF
Solids Formation Temperature 22.56 °F
134 °F 1248 psig
Dry Gas
150 °F 1244 psig
17
16
Gas/Glycol HEX
TEG Makeup
0.016* sgph
MKUP-1
Pump
15
14
13
12
Glycol Contactor: 100"x30'
RCYL-1
144 °F 1346 psig
315 °F 1350* psig
Q-4
Blowdown
29.8 sgph
134 °F 1248 psig 11.7 MSCFD
14.7 MSCFD
Emissions
BTEX Condenser
HC Liquids
0.0082 bbl/d
Q Cond
216 °F 1 psig
0 bbl/d
Water
150 °F 1 psig
311 °F 1 psig 0.00739 %
7
Water(Mass Flow) 5.33 lb/h
Water(Mole Fraction) 0.229 %
1
24
Water(Mass Flow) 47.7* lb/h
Water(Mole Fraction) 2.01* %
Pipeline Gas
130* °F 1250* psig 1.2* MMSCFD
KnockOut drum
2
2.9 bbl/d
Rich Glycol
133 °F 1250 psig
138 °F 60* psig
Valve
3
0.99 MSCFD
Flash Gas
Rich Flash
4
5
138 °F 60 psig
11
200* °F 56 psig
6
Glycol Regenerator
370 °F 5 psig
10
Reboiler
Q-3
9
251 °F 5 psig
Lean/Rich Glycol Exchanger
Lean TEG
370 °F 5 psig
TEG pump rate = 30 sgph
TEG pump rate = 282 lb/h
Reboiler operating T = 370 °F
Gas Inlet T = 130 °F