

Wellman CO2Flex® Plant
(Terry County, Texas)
Corrected Stream Table

Stream #	1	2	3	4	5	6	7	8
Vapour Fraction	1.000	1.000	1.000	0.000	0.130	0.132	0.141	1.000
Composition, mol%								
Nitrogen	1.8%	1.8%	1.8%	0.0%	0.0%	0.0%	0.0%	0.1%
CO2	90.8%	91.2%	91.2%	14.5%	14.5%	14.5%	14.5%	95.4%
Methane	3.2%	3.2%	3.2%	0.0%	0.0%	0.0%	0.0%	0.3%
Ethane	1.1%	1.1%	1.1%	0.0%	0.0%	0.0%	0.0%	0.2%
Propane	1.4%	1.4%	1.4%	0.1%	0.1%	0.1%	0.1%	0.7%
i-Butane	0.2%	0.2%	0.2%	0.1%	0.1%	0.1%	0.1%	0.4%
n-Butane	0.5%	0.5%	0.5%	0.1%	0.1%	0.1%	0.1%	0.4%
i-Pentane	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.8%
n-Pentane	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.3%
n-Hexane	0.3%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%
n-Heptane	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
n-Octane	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Water	0.4%	0.0%	0.0%	15.8%	15.8%	15.8%	15.8%	1.4%
MDEA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
H2S	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
TEG	0.0%	0.0%	0.0%	69.2%	69.2%	69.2%	69.2%	0.0%
Therminol 55	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CP-1516-100	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Temperature, F	120	126	136	123.3	123.3	128.6	178	178
Pressure, psia	680	675	670	680	84.7	79.7	69.7	69.7
Molar Flow, lbmol/hr	5459	5435	5435	163	163	163	163	8
Mass Flow, lb/hr	234190	233764	233764	18479	18479	18479	18479	347
Heat Flow, btu/hr	-8.60E+08	-8.57E+08	-8.56E+08	-4.68E+07	-4.67E+07	-4.66E+07	-4.61E+07	-1.25E+06
Actual Liq Flow, GPM	-	-	-	33.39	31.93	31.98	-	-
Line Size, NPS (inches)	10	10	10	4	4	4	4	1

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Stream #	9	10	11	12	13	14	15	16
Vapour Fraction	0.000	0.003	0.012	0.031	1.000	0.000	0.000	0.000
Composition, mol%								
Nitrogen	0.0%	0.0%	0.0%	0.0%	0.9%	0.0%	0.0%	0.0%
CO2	1.2%	1.2%	1.2%	1.2%	52.7%	0.2%	0.2%	0.2%
Methane	0.0%	0.0%	0.0%	0.0%	1.8%	0.0%	0.0%	0.0%
Ethane	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%
Propane	0.0%	0.0%	0.0%	0.0%	0.9%	0.0%	0.0%	0.0%
i-Butane	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%
n-Butane	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%
i-Pentane	0.1%	0.1%	0.1%	0.1%	0.3%	0.0%	0.0%	0.0%
n-Pentane	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%
n-Hexane	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%
n-Heptane	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
n-Octane	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Water	18.2%	18.2%	18.2%	18.2%	41.7%	0.5%	0.5%	0.5%
MDEA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
H2S	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
TEG	80.5%	80.5%	80.5%	80.5%	0.1%	99.3%	99.3%	99.3%
Therminol 55	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CP-1516-100	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Temperature, F	178	177.8	310.6	307.8	230.9	379.9	250	200
Pressure, psia	69.7	54.7	44.7	16.7	15.7	15.8	15.3	14.8
Molar Flow, lbmol/hr	155	155	155	155	21	125.1071	125.1071	125.1071
Mass Flow, lb/hr	18132	18132	18132	18132	694	18753.89	18751.68	18751.68
Heat Flow, btu/hr	-4.49E+07	-4.49E+07	-4.23E+07	-4.23E+07	-4.21E+06	-40521429	-42292857	-42957143
Actual Liq Flow, GPM	-	-	-	-	-	-	-	-
Line Size, NPS (inches)	3	3	4	4	4	6	4	4

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Stream #	17	18	19	20	21	22	23	24	25
Vapour Fraction	0.000	0.000	1.000	1.000	1.000	1.000	0.000	0.000	1.000
Composition, mol%									
Nitrogen	0.0%	0.0%	1.5%	1.1%	1.2%	1.8%	0.3%	0.3%	1.8%
CO2	0.2%	0.2%	90.5%	65.8%	94.2%	92.7%	96.3%	96.3%	92.7%
Methane	0.0%	0.0%	3.3%	2.4%	2.2%	3.2%	0.9%	0.9%	3.2%
Ethane	0.0%	0.0%	1.0%	0.7%	1.0%	1.1%	0.8%	0.8%	1.1%
Propane	0.0%	0.0%	1.6%	1.2%	1.3%	1.1%	1.5%	1.5%	1.1%
i-Butane	0.0%	0.0%	0.2%	0.2%	0.1%	0.0%	0.1%	0.1%	0.0%
n-Butane	0.0%	0.0%	0.8%	0.6%	0.1%	0.0%	0.1%	0.1%	0.0%
i-Pentane	0.0%	0.0%	0.3%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%
n-Pentane	0.0%	0.0%	0.3%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%
n-Hexane	0.0%	0.0%	0.5%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%
n-Heptane	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
n-Octane	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Water	0.5%	0.5%	0.0%	20.8%	0.0%	0.0%	0.0%	0.0%	0.0%
MDEA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
H2S	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
TEG	99.3%	99.3%	0.0%	6.4%	0.0%	0.0%	0.0%	0.0%	0.0%
Therminol 55	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CP-1516-100	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Temperature, F	202.8	136.6	300	389	48.5	46.37	46.4	47.2	62.3
Pressure, psia	639.7	624.7	18.7	15.7	665	665	665	710	660
Molar Flow, lbmol/hr	126.214	126.214	36.53571	49.82143	9488	5347	4141	4141	5340
Mass Flow, lb/hr	18760.5	18760.5	1576.571	2228.679	408820	228172	180648	180648	227898
Heat Flow, btu/hr	-4E+07	-4E+07	-5624286	-7528571	-1.55E+09	-8.58E+08	-7.02E+08	-7.02E+08	-8.55E+08
Actual Liq Flow, GPM	-	-	-	-	-	-	-	-	-
Line Size, NPS (inches)	3	3	1.5	4	10	10	8	8	10

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Stream #	26	27	28	29	30	31	32	33	34
Vapour Fraction	0.000	1.000	0.000	0.000	0.000	0.000	0.213	1.000	0.000
Composition, mol%									
Nitrogen	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CO2	20.1%	20.8%	11.1%	11.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Methane	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Ethane	0.2%	0.2%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%
Propane	20.9%	21.1%	17.6%	17.6%	100.0%	100.0%	100.0%	100.0%	0.0%
i-Butane	7.3%	7.3%	7.3%	7.3%	0.0%	0.0%	0.0%	0.0%	0.0%
n-Butane	27.1%	27.0%	28.7%	28.7%	0.0%	0.0%	0.0%	0.0%	0.0%
i-Pentane	7.0%	6.8%	8.7%	8.7%	0.0%	0.0%	0.0%	0.0%	0.0%
n-Pentane	6.4%	6.3%	8.2%	8.2%	0.0%	0.0%	0.0%	0.0%	0.0%
n-Hexane	10.0%	9.5%	16.0%	16.0%	0.0%	0.0%	0.0%	0.0%	0.0%
n-Heptane	0.9%	0.8%	1.7%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%
n-Octane	0.1%	0.1%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%
Water	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MDEA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
H2S	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
TEG	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Therminol 55	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
CP-1516-100	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Temperature, F	223.5	305	305	121	105	85	32.6	32.6	400
Pressure, psia	670	670	670	264	188.3	186	55	55	64.7
Molar Flow, lbmol/hr	1365	1270	94.94	94.94	2582	2582	2582	2582	-
Mass Flow, lb/hr	78326	72454	5866	5866	113853	113853	113853	113853	117917
Heat Flow, btu/hr	-1.20E+08	-9.70E+07	-6.66E+06	-7.46E+06	-1.31E+08	-1.33E+08	-1.33E+08	-1.18E+08	-
Actual Liq Flow, GPM	334.2	-	35.6	20.04	-	-	-	-	-
Line Size, NPS (inches)	6	8	3	3	6	6	10	14	6

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Stream #	35	36	37	38
Vapour Fraction	0.000	0.000	1.000	1.000
Composition, mol%				
Nitrogen	0.0%	0.0%	0.0%	0.0%
CO2	0.0%	0.0%	3.4%	3.4%
Methane	0.0%	0.0%	0.0%	0.0%
Ethane	0.0%	0.2%	0.0%	0.0%
Propane	0.0%	19.7%	0.0%	0.0%
i-Butane	0.0%	8.2%	0.0%	0.0%
n-Butane	0.0%	32.3%	0.0%	0.0%
i-Pentane	0.0%	9.8%	0.0%	0.0%
n-Pentane	0.0%	9.3%	0.0%	0.0%
n-Hexane	0.0%	18.0%	0.0%	0.0%
n-Heptane	0.0%	1.9%	0.0%	0.0%
n-Octane	0.0%	0.3%	0.0%	0.0%
Water	0.0%	0.3%	86.6%	86.6%
MDEA	0.0%	0.0%	9.9%	9.9%
H2S	0.0%	0.0%	0.01%	0.01%
TEG	0.0%	0.0%	0.0%	0.0%
Therminol 55	100.0%	0.0%	0.0%	0.0%
CP-1516-100	0.0%	0.0%	0.0%	0.0%
Temperature, F	325	121.9	170.6	171
Pressure, psia	56.8	261.1	264	101.3
Molar Flow, lbmol/hr	-	84.47	313.9	314.2
Mass Flow, lb/hr	117917	5397	8656	8665
Heat Flow, btu/hr	-	-5.66E+06	-4.16E+07	-4.16E+07
Actual Liq Flow, GPM	-	18.97	16.07	16.09
Line Size, NPS (inches)	6	2	2	2

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Stream #	39	40	41	42	43	44	45	46
Vapour Fraction	1.000	0.000	0.000	0.000	1.000	0.511	0.000	0.000
Composition, mol%								
Nitrogen	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CO2	3.2%	3.4%	3.4%	3.4%	48.0%	48.0%	0.1%	0.1%
Methane	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Ethane	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Propane	26.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%
i-Butane	26.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
n-Butane	12.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
i-Pentane	6.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
n-Pentane	6.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
n-Hexane	13.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
n-Heptane	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
n-Octane	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Water	4.4%	86.6%	86.6%	86.6%	51.6%	51.6%	99.9%	99.9%
MDEA	0.0%	9.9%	9.9%	9.9%	0.0%	0.0%	0.0%	0.0%
H2S	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%
TEG	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Therminol 55	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CP-1516-100	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Temperature, F	170.9	170.9	170.9	221	213.9	113	113	113
Pressure, psia	101.3	101.3	98.3	94.1	11.4	11.41	11.41	35
Molar Flow, lbmol/hr	9.98E-02	314.1	314.1	314.1	22.02	22.02	10.77	10.77
Mass Flow, lb/hr	6	8659	8659	8659	673	673	194	194
Heat Flow, btu/hr	-6.01E+03	-4.16E+07	-4.16E+07	-4.12E+07	-2.95E+06	-3.31E+06	-1.32E+06	-1.32E+06
Actual Liq Flow, GPM	-	-	-	-	-	-	-	-
Line Size, NPS (inches)	2	3	3	3	3	3	2	1

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Stream #	47	48	49	50	51	52	53	54
Vapour Fraction	1.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000
Composition, mol%								
Nitrogen	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CO2	94.0%	0.1%	0.3%	0.1%	0.1%	0.1%	0.1%	0.1%
Methane	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Ethane	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Propane	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
i-Butane	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
n-Butane	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
i-Pentane	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
n-Pentane	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
n-Hexane	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
n-Heptane	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
n-Octane	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Water	5.4%	91.0%	99.7%	89.6%	89.6%	89.6%	89.6%	89.6%
MDEA	0.0%	8.9%	0.0%	10.3%	10.3%	10.3%	10.3%	10.3%
H2S	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
TEG	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Therminol 55	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CP-1516-100	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Temperature, F	113	251	252.1	252.1	204.6	205	122	123
Pressure, psia	11.41	12.86	12.86	12.86	11.5	62	59	268.4
Molar Flow, lbmol/hr	11.25	351.6	48.69	302.9	302.9	302.9	302.9	302.9
Mass Flow, lb/hr	479	9061	881	8180	8180	8180	8180	8180
Heat Flow, btu/hr	-1.85E+06	-4.46E+07	-5.00E+06	-3.87E+07	-3.91E+07	-3.91E+07	-3.97E+07	-3.97E+07
Actual Liq Flow, GPM	-	-	-	-	-	-	-	-
Line Size, NPS (inches)	1	3	4	3	3	2	2	2

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Stream #	55	56	57	58	59	60	61	62	63
Vapour Fraction	0.000	0.000	0.000	1.000	0.208	0.000	0.000	0.000	1.000
Composition, mol%									
Nitrogen	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CO2	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Methane	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Ethane	0.0%	0.0%	0.2%	0.3%	0.3%	0.2%	0.2%	0.0%	0.0%
Propane	0.0%	0.0%	19.7%	48.4%	48.4%	43.6%	43.7%	1.2%	1.2%
i-Butane	0.0%	0.0%	8.2%	14.4%	14.4%	15.3%	15.3%	7.9%	7.9%
n-Butane	0.0%	0.0%	32.3%	34.5%	34.5%	38.2%	38.2%	44.4%	44.4%
i-Pentane	0.0%	0.0%	9.8%	0.9%	0.9%	1.1%	1.1%	14.0%	14.0%
n-Pentane	0.0%	0.0%	9.3%	0.6%	0.6%	0.7%	0.7%	12.7%	12.7%
n-Hexane	0.0%	0.0%	18.0%	0.0%	0.0%	0.0%	0.0%	17.9%	17.9%
n-Heptane	0.0%	0.0%	1.9%	0.0%	0.0%	0.0%	0.0%	1.6%	1.6%
n-Octane	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%
Water	0.0%	0.0%	0.3%	0.9%	0.9%	0.8%	0.9%	0.0%	0.0%
MDEA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
H2S	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
TEG	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Therminol 55	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CP-1516-100	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Temperature, F	350	300	121.9	131	110	110.1	110.1	203.4	223.8
Pressure, psia	64.7	62.8	261.1	120	115	125	125	125	125
Molar Flow, lbmol/hr	-	-	84.47	63.38	63.38	32.68	17.57	132.6	78.83
Mass Flow, lb/hr	48701	48701	5397	3239	3239	1695	911	8955	5103
Heat Flow, btu/hr	-	-	-6.70E+04	-3.17E+06	-3.75E+06	-1.91E+06	-1.03E+06	-8.79E+07	-4.39E+06
Actual Liq Flow, GPM	-	-	-	-	-	-	3.529	-	-
Line Size, NPS (inches)	6	6	2	4	3	2	2	3	6

Wellman CO2Flex® Plant
(Terry County, Texas)
Corrected Stream Table

Stream #	64	65	66	67	68	69	70	71	72
Vapour Fraction	0.000	0.000	0.000	1.000	1.000	1.000	0.000	0.000	0.000
Composition, mol%									
Nitrogen	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CO2	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Methane	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Ethane	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Propane	0.5%	0.5%	0.0%	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%
i-Butane	5.2%	5.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
n-Butane	33.2%	33.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
i-Pentane	15.0%	15.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
n-Pentane	14.3%	14.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
n-Hexane	28.3%	28.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
n-Heptane	3.0%	3.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
n-Octane	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Water	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MDEA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
H2S	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
TEG	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Therminol 55	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
CP-1516-100	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	0.0%
Temperature, F	223.8	100	110	35.6	140.2	105	175	130	320
Pressure, psia	125	120	115	55	193.3	188.3	287	281.5	77
Molar Flow, lbmol/hr	53.77	53.77	0	2582	2582	2582	-	-	-
Mass Flow, lb/hr	3853	3853	2	113853	113853	113853	47330	47330	167624
Heat Flow, btu/hr	-3.67E+06	-3.97E+06	-1.65E+04	-1.18E+08	-1.14E+08	-1.31E+08	-	-	-
Actual Liq Flow, GPM	-	12.68	0	-	-	-	-	-	-
Line Size, NPS (inches)	2	2	2	14	8	6	4	4	8

Wellman CO2Flex® Plant
(Terry County, Texas)
Corrected Stream Table

Stream #	73	74	75
Vapour Fraction	0.000	0.000	0.000
Composition, mol%			
Nitrogen	0.0%	0.0%	0.0%
CO2	0.0%	0.0%	0.0%
Methane	0.0%	0.0%	0.0%
Ethane	0.0%	0.0%	0.0%
Propane	0.0%	0.0%	0.0%
i-Butane	0.0%	0.0%	0.0%
n-Butane	0.0%	0.0%	0.0%
i-Pentane	0.0%	0.0%	0.0%
n-Pentane	0.0%	0.0%	0.0%
n-Hexane	0.0%	0.0%	0.0%
n-Heptane	0.0%	0.0%	0.0%
n-Octane	0.0%	0.0%	0.0%
Water	0.0%	0.0%	0.0%
MDEA	0.0%	0.0%	0.0%
H2S	0.0%	0.0%	0.0%
TEG	0.0%	0.0%	0.0%
Therminol 55	100.0%	100.0%	100.0%
CP-1516-100	0.0%	0.0%	0.0%
Temperature, F	400	400	325
Pressure, psia	75	65	64
Molar Flow, lbmol/hr	-	-	-
Mass Flow, lb/hr	167624	31444	31444
Heat Flow, btu/hr	-	-	-
Actual Liq Flow, GPM	-	-	-
Line Size, NPS (inches)	8	2	2