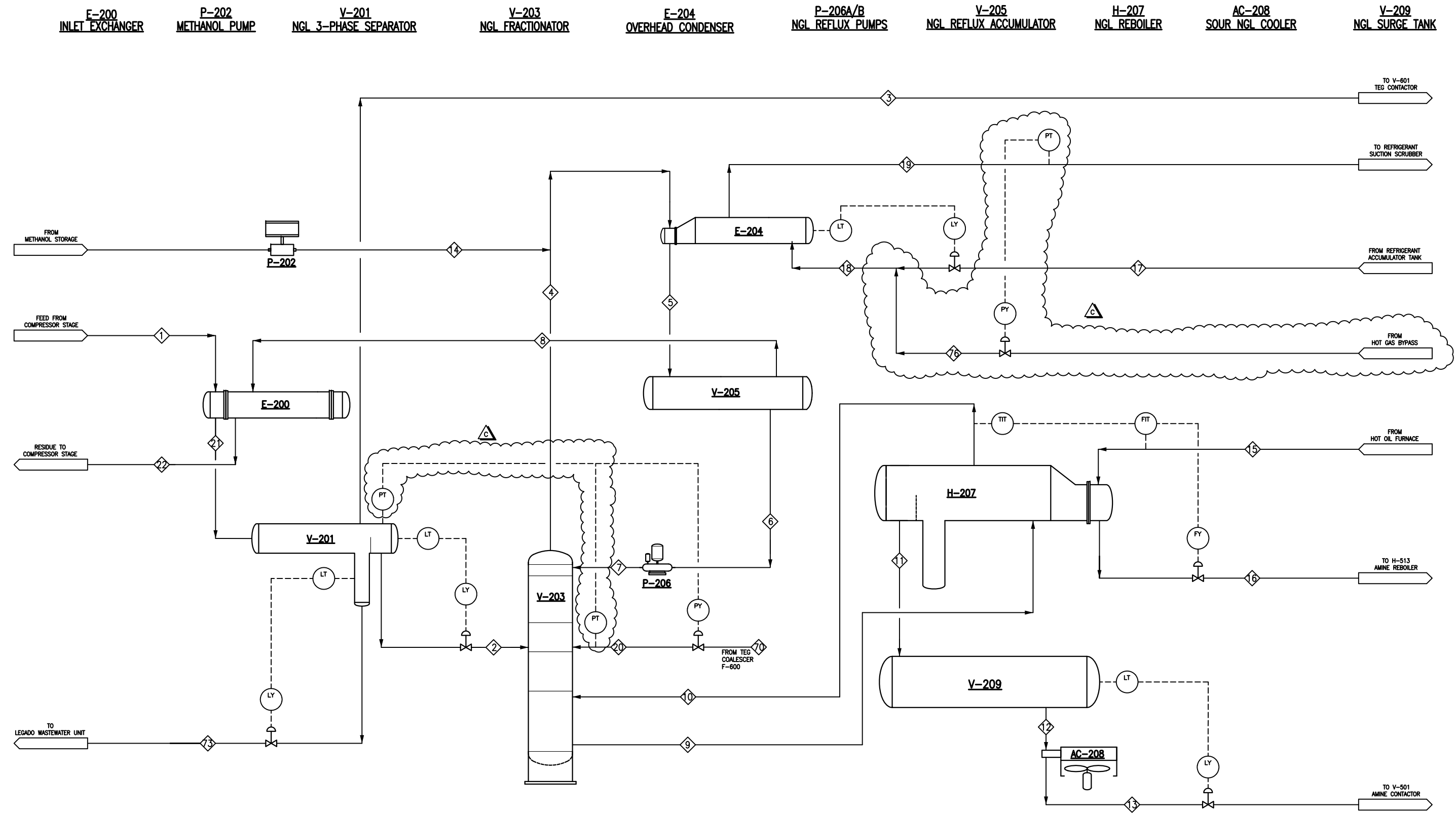




PILOT EXHIBIT 2058 PAGE 001
SCOUT/CHEVRON v. PILOT - IPR2024-00385

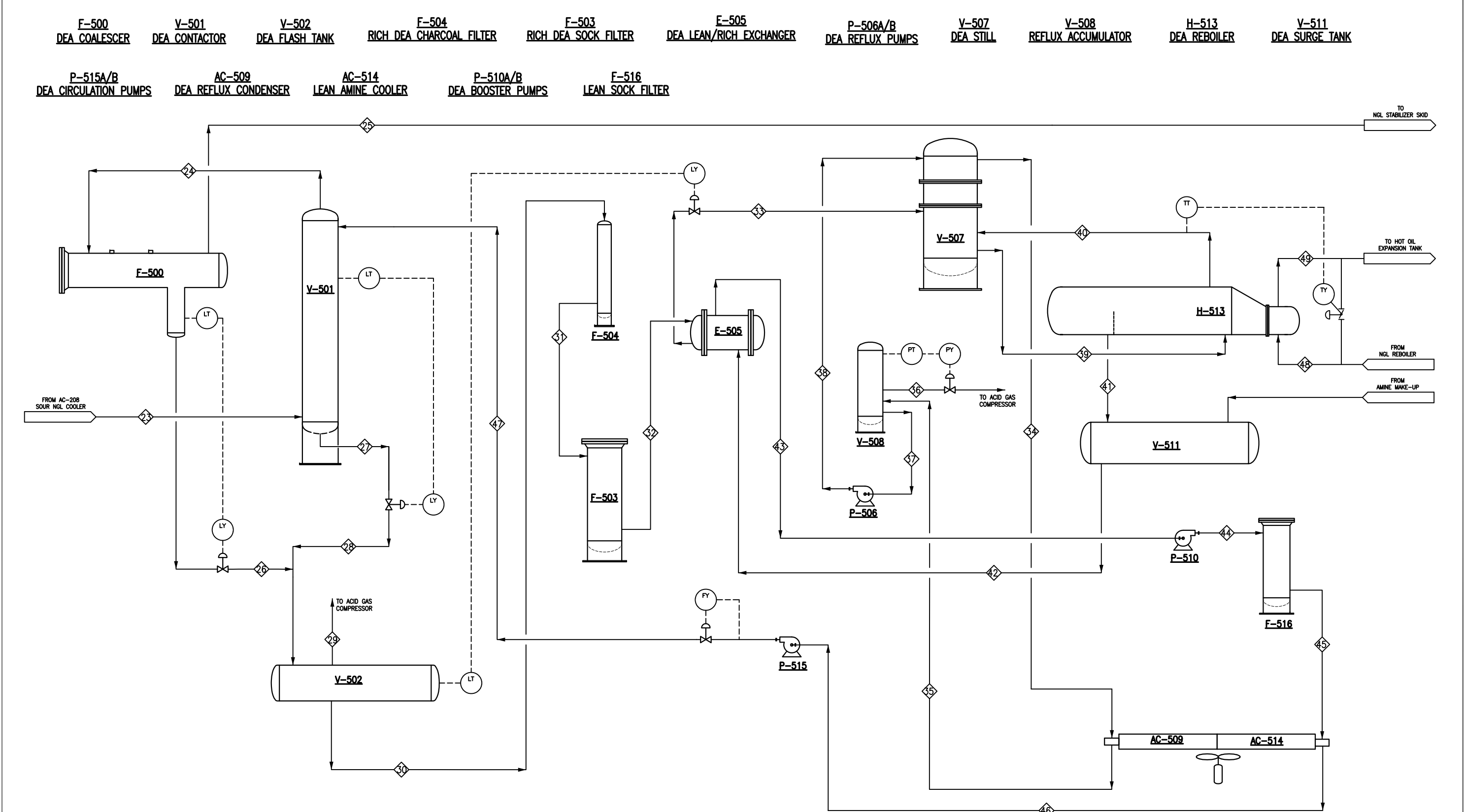
NOTES	DWG. NO.	REFERENCE DRAWINGS	NO.	DATE	REVISIONS	BY	CHK'D	APP.	DATE	APP.	DATE	CLIENT APP.	CLIENT DATE	ENGINEERING RECORD			McGuffey Energy Services			Pilots		
			A	01-13-11	ISSUED FOR REVIEW & COMMENT	F.H.	L.G.	B.H.	01-13-11					DRN:	F.H.	12-01-10	18635 TELGE RD., CYPRESS, TX 77429			GOLDSMITH PROCESSING PLANT		
			B	02-28-11	ISSUED FOR APPROVAL	F.H.	R.H.	B.H.	02-28-11					CHK:	L.G.	12-30-10	PHONE (281) 255-4655 FX (281) 255-2553 www.mcguuffygroup.com			Editor County, Texas		
			C	03-13-12	FINAL DESIGN	F.H.	G.R.	B.K.	03-13-12					APP:	B.H.	01-13-11				NGL TREATING SYSTEM		
														CLIENT APP:						PROCESS FLOW DIAGRAM		
																	DO NOT SCALE DRAWING					
																	USE DIMENSIONS ONLY					
																	PROJECT NO. 5100928			DWG. NO. 5100928-01-001		
																				CND FILE: 5100928-01-001		
																				SCALE: NONE		
																				REV. C		

Exchanger Name	Units	E-204	H-207	AC-208	E-200
Exchanger Duty	Btu/h	7.0007E+006	6.2652E+006	1.1582E+006	2.7996E+006

Names	Units	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	73	76
Temperature	°F	120	69.9	69.9	35.7	32.8	33.1	33.3	33.1	253	328	328	328	120*	120	430	348	120	19	18.9	71.7	70	98	69.9	150
Pressure	psig	590	581	585	563	561	563	600	563	568	568	568	568	563	600	50	45	228.5	40	39.9	573	585	560	535	208
Mole Fraction Vapor	%	100	0	100	100	64.9	0	0	100	0	100	0	0	0	0	0	0	0	40.26	100	100	97.3	100	0	100
Mole Fraction Light Liquid	%	0	100	0	0	35.1	100	100	0	100	0	100	100	100	100	100	100	100	59.73	0	0	2.38	0	100	0
Mole Fraction Heavy Liquid	%	0	0	0	0	0	0	0	0	0	0	0	0	0.00308	0	0	0	0	0	0	0	0.3	0	0	0
AvgMolecular Weight	lb/lbmol	43	56.5	42.3	42.3	42.3	43.3	43.3	41.7	60.9	60.2	66.2	66.2	66.2	32.04	320	320	44.1	44.1	44.1	42.3	42.4	41.7	18.4	44.1
AvgMass Density	lb/ft^3	5	47.3	6.12	6.95	9.94	55.8	55.7	6.83	29.3	7.47	23.3	23.3	37.4	48.45	45.784	45.784	28.19	1.25	0.515	5.89	6.32	4.99	62.8	1.883
Molar Flow	lbmol/h	3306	77.8	3220	4880	4880	1720	1720	3170	1020	907	117	117	117	6.21	394.03	394.03	1617.92	1617	1617	3210	3306	3170	26.7	415
Mass Flow	lb/h	140591	4400	1.40E+06	2.07E+05	2.07E+05	7.62E+04	7.44E+04	1.32E+05	6.24E+04	5.46E+04	7760	7760	7760	199.158	1.26E+05	1.26E+05	7.13E+04	7.13E+04	7.13E+04	1.36E+05	1.41E+05	1.32E+05	492	18300
Liquid Volumetric Flow	gpm	0	11.6	0.00E+00	0	165.9	171	171	0	266	0	41.6	41.6	25.9	0.51	343.36	328.7	315	158	0	-	12.07	0	0.36	0
Std Liquid Volumetric Flow	sgpm	0	12.6	0	0	187.03	191	191	0	203	0	25.1	25.1	25.1	0.5	287.92	287.92	281.2	167	0	-	13.12	0	0.37	0
Actual Vapor Volumetric Flow	MMCFD	0.654	0	0.528	0.7	0.48	0	0	0.45	0	0.175	0	0	0	0	-	-	0	1.33	3.32	0.55	0.53	0.635	0	0.933
Std Vapor Volumetric Flow	MMSCFD	30	0	29.3	44.5	28.8	0	0	28.9	0	8.26	0	0	0	0	-	-	0	5.9	14.73	29.2	29.3	0.243	0	15.12
Specific Grav ity (Vapor/Liquid)		1.460	0.759	1.46	1.46	1.441 / 0.895	0.894	0.894	1.44	0.47	2.08	0.373	0.373	0.6	0.77	0.73	0.76	0.45	1.55 / 0.55	1.52	1.46	1.45 / 0.758	1.01	1.007	1.54
Dynamic Viscosity (Vapor/Liquid)	cP	0.017	0.192	0.0164	0.0162	0.016 / 0.101	0.101	0.101	0.016	0.0722	0.0161	0.0552	0.0552	0.176	0.406	0.63	0.97	0.07	0.0075/0.137	0.00753	0.0164	0.016 / 0.192	0.0169	0.924	0.0101
N2(Mole Fraction)	%	2.072	0.219	2.12	1.49	1.49	0.261	0.261	2.16	2.29E-06	2.49E-06	6.76E-07	6.76E-07	6.76E-07	0	0	0	0	0	0	2.13	2.06	2.16	0.00135	0
Carbon Dioxide(Mole Fraction)	%	84.937	54.1	85.9	90.3	90.3	94.1	94.1	88.2	10.3	11.1	4.79	4.79	4.79	0	0	0	0	0	0	86	84.5	88.2	1.59	0
Methane(Mole Fraction)	%	5.458	1.35	5.57	4.14	4.14	1.27	1.27	5.69	0.000618	0.000667	0.000239	0.000239	0.000239	0	0	0	0	0	0	5.59	5.43	5.69	0.00646	0
Ethane(Mole Fraction)	%	1.624	1.62	1.63	1.49	1.49	1.13	1.13	1.68	0.392	0.414	0.227	0.227	0.227	0	0	0	0	0	0	1.63	1.62	1.68	0.00177	1
Propane(Mole Fraction)	%	1.474	3.59	1.43	1.17	1.17	1.5	1.5	0.998	19.5	20.1	14.5	14.5	14.5	0	0	0	100	100	100	1.43	1.47	0.998	0.00147	98
iC4(Mole Fraction)	%	0.289	1.35	0.264	0.0653	0.0653	0.109	0.109	0.0419	7.75	7.84	7	7	7	0	0	0	0	0	0	0.265	0.287	0.0419	8.10E-05	0.5
n-Butane(Mole Fraction)	%	0.837	5.01	0.738	0.0655	0.0655	0.119	0.119	0.0367	23.2	23.3	22.6	22.6	22.6	0	0	0	0	0	0	0.739	0.833	0.0367	0.000469	0.5
iC5(Mole Fraction)	%	0.369	3.86	0.285	0.000167	0.000167	0.000374	0.000374	5.46E-05	8.95	8.76	10.4	10.4	10.4	0	0	0	0	0	0	0.285	0.367	5.46E-05	0.000107	0
nC5(Mole Fraction)	%	0.309	3.76	0.226	5.86E-05	5.86E-05	0.000134	0.000134	1.77E-05	7.17	6.98	8.69	8.69	8.69	0	0	0	0	0	0	0.226	0.307	1.77E-05	8.03E-05	0
nC6(Mole Fraction)	%	0.996	21.5	0.504	2.18E-07	2.18E-07	5.61E-07	5.61E-07	3.18E-08	18.5	17.2	28	28	28	0	0	0	0	0	0	0.502	0.991	3.18E-08	5.58E-05	0
nC7(Mole Fraction)	%	0.070	2.13	0.0201	1.87E-11	1.87E-11	5.09E-11	5.09E-11	1.23E-12	1.06	0.946	1.96	1.96	1.96	0	0	0	0	0	0	0.02	0.0694	1.23E-12	2.25E-06	0
Water(Mole Fraction)	%	0.392	0.0777	0.0945	0.000336	0.000336	0.000694	0.000694	0.000142	0.255	0.272	0.12	0.12	0.12	0	0	0	0	0	0	0.00265	0.882	0.000142	98.3	0
Hydrogen Sulfide(Mole Fraction)	%	1.175	1.47	1.17	1.29	1.29	1.53	1.53	1.15	2.85	3	1.7	1.7	1.7	0	0	0	0	0	0	1.17	1.17	1.15	0.0629	0
DEA(Mole Fraction)	%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TEG(Mole Fraction)	%	0	0	0	0	0	0	0	0	0.000234	0.000172	0.000719	0.000719	0.000719	0	0	0	0	0	0	2.63E-05	0	0	0	0
Therminol 55 (Mole Fraction)	%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	100	0	0	0	0	0	0	0	0
Methanol (Mole Fraction)	%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0

PILOT EXHIBIT 2058 PAGE 002
SCOUT/CHEVRON v. PILOT - IPR2024-00385

	NOTES	DWG. NO.	REFERENCE DRAWINGS	NO.	DATE	REVISIONS	BY	CK'D.	APP.	DATE	APP.	DATE	CLIENT APP.	CLIENT DATE	ENGINEERING RECORD		 McGuffey Energy Services 18635 TELGE RD., CYPRESS, TX 77429 PHONE (281) 285-4655 FX (281) 285-2553 www.mcguiffyenergy.com NGL TREATING SYSTEM PROCESS FLOW DIAGRAM				
	1. FLANGED SPOOL PIECE FOR FUTURE USE. 2. ALL TUBING WILL BE ____ GRADE & 316 S/S			A	01-13-11	ISSUED FOR REVIEW & COMMENT	F.H.	L.G.	B.H.	01-13-11					DRN: F.H.	12-01-10					
				B	02-28-11	ISSUED FOR APPROVAL	F.H.	R.H.	B.H.	02-28-11					CHK: L.G.	12-30-10					
				C	03-13-12	FINAL DESIGN	F.H.	G.R.	B.K.O.	03-13-12					APP: B.H.	01-13-11					
															APP:						
															CLIENT APP:						
DO NOT SCALE DRAWING USE DIMENSIONS ONLY																PROJECT NO.	5100928	DWG. NO.	5100928-01-002	CHD FILE: PFD-5100928-01-002	REV. C
																SCALE: NONE					



PILOT EXHIBIT 2058 PAGE 003
SCOUT/CHEVRON v. PILOT - IPR2024-00385

NOTES	DWG. NO.	REFERENCE DRAWINGS	NO.	DATE	REVISIONS	BY	CK'D.	APP.	DATE	APP.	DATE	CLIENT APP.	CLIENT DATE	ENGINEERING RECORD		McGuffey Energy Services 18635 TELGE RD. CYPRESS, TX 77429 PHONE (281) 255-5555 FX (281) 255-2553 www.mcgroup.com	Pilot GOLDSMITH PROCESSING PLANT Edgar County, Texas DEA SYSTEM PROCESS FLOW DIAGRAM	PROJECT NO. 5100928	DWG. NO. 5100928-01-003	CIB FILE: PFD-5100928-01-003	REV. C
			A	01-13-11	ISSUED FOR REVIEW & COMMENT	F.H.	L.G.	B.H.	01-13-11				DRN: F.H.	12-01-10							
			B	02-28-11	ISSUED FOR APPROVAL	F.H.	R.H.	B.H.	02-28-11				CHK: L.G.	12-30-10							
			C	03-13-12	FINAL DESIGN	F.H.	G.R.	B.K.	03-13-12				APP: B.H.	01-13-11							
													CLIENT APP:								
														CLIENT APP:							
														DO NOT SCALE DRAWING USE DIMENSIONS ONLY							

Exchanger Names	Units	H-513	E-505	AC-509	AC-514
Exchanger Duty	Btu/h	7.37E+05	3.87E+05	2.34E+05	4.71E+05

Names	Units	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49
Temperature	°F	120	122	120	120	150	150	150	150	150	150	210	214	120	120	120	120	254	260	255	255	200	200	200	120	120	348	280
Pressure	psig	560	555	555	555	557	55	55	55	55	55	48	12	10	12	12	50	15	15	15	15	10	45	43	35	560	45	40
Mole Fraction Vapor	%	0	0	0	0	0	0.0046	100	0	0	0	0.0076	100	41	100	0	0	0	100	0	0	0	0	0	0	0	0	0
Mole Fraction Light Liquid	%	99.998	100	100	0	100	100	0	100	100	100	99.9924	0	59	0	100	100	100	0	100	100	100	100	100	100	100	100	100
Mole Fraction Heavy Liquid	%	0.002	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Avg Molecular Weight	lb/lbmol	66	68	68	-	26	26	51	26	26	26	26	27	27	40	18	18	25	18	26	26	26	26	25	25	25	320	320
Avg Mass Density	lb/ft3	37.46	36.6		-	67	66.3	0.57	67	67	67	64.53	0.105	0.28	0.17	61.6	61.6	60	0.07	61	61	62.7	62.8	62.8	64.54	64.56	47.96	49.5
Molar Flow	lbmol/h	120	110	110	-	280	280	0.013	280	280	280	280	20	20	8.2	10.8	10.8	320	43	270	270	270	270	270	270	270	64	64
Mass Flow	lb/h	7800	7400	7400	-	7300	7300	0.75	7300	7300	7300	7300	540	540	330	210	210	7800	780	7000	7000	7000	7000	7000	7000	7000	20643	20643
Liquid Volumetric Flow	gpm	26	25	25	-	13.6	13.79		13.63	13.63	13.63	14.16	0	0.42	0	0.39	0.39	16	0	14	14	14	14	14	14	14	53	52
Std Liquid Volumetric Flow	sgpm	25	24	24	-	14.3	14.3		14.3	14	14	14	1.2	0.42	0	0.39	0.39	15	0	13.4	13	13	13	13	13	13	47	47
Vapor Volumetric Flow	MMCFD	0	0	-	0	-	3.06E-05	3.10E-05	0	0	0	0.000058	0	0.048	0.045	0	0.00E+00	0	0.26	0	0	0	0	0	0	0	0	0
Std Vapor Volumetric Flow	MMSCFD	0	0	-	0	-	0.00012	0.00013	0	0	0	0.00021	0	0.074	0.074	0	0	0	0.39	0	0	0	0	0	0	0	0	0
Specific Gravity (Vapor/ Liquid)		0.6	0.59	0.59	-	1.07	1.76/1.07	1.8	1.1	1.1	1.1	1.48 / 1.05	0	1.37 / 0.989	1.4	0.99	0.99	0.98	0.63	0.98	0.98	1	1	1	1	1	0.766	0.793
Dynamic Viscosity (Vapor/ Liquid)	cP	0.18	0.18	0.18	-	1.4	0.0093 / 1.35	0.0093	1.4	1.4	1.4	0.012 / 0.71	0.016	0.015 / 0.5768	0.016	0.57	0.57	0.41	0.014	0.45	0.45	0.72	0.72	0.72	1.7	1.7	0.97	1.51
N2(Mole Fraction)	%	6.80E-07	7.10E-07	7.10E-07	0	3.50E-09	3.50E-09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carbon Dioxide(Mole Fraction)	%	5.27	4.40E-05	4.40E-05	0	2.37	2.2	2.13	2.2	2.2	2.2	2.2	28	28	69	0.045	0.045	0.24	0.62	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0	0
Methane(Mole Fraction)	%	0.00024	0.00025	0.00025	0	1.30E-06	1.30E-06	0.0081	8.90E-07	8.90E-07	8.90E-07	8.90E-07	1.30E-05	1.30E-05	3.10E-05	1.00E-09	1.00E-09	0	0	0	0	0	0	0	0	0	0	0
Ethane(Mole Fraction)	%	0.23	0.24	0.24	0	0.00038	0.00038	2.01	0.00029	0.00029	0.00029	0.00029	0.0041	0.0041	0.0099	3.70E-07	3.70E-07	0	0	0	0	0	0	0	0	0	0	0
Propane(Mole Fraction)	%	14.46	16	16	0	0.0076	0.0076	44	0.0055	0.0055	0.0055	0.0055	0.078	0.078	0.19	5.40E-06	5.40E-06	0	0	0	0	0	0	0	0	0	0	0
iC4(Mole Fraction)	%	6.9	7.5	7.5	0	0.0012	0.0012	9	0.00073	0.00073	0.00073	0.00073	0.01	0.01	0.025	4.50E-07	4.50E-07	0	0	0	0	0	0	0	0	0	0	0
n-Butane(Mole Fraction)	%	22.5	24	24	0	0.004	0.004	24.1	0.0028	0.0028	0.0028	0.0028	0.04	0.04	0.099	2.60E-06	2.60E-06	0	0	0	0	0	0	0	0	0	0	0
iC5(Mole Fraction)	%	10.3	11	11	0	0.00048	0.00048	4.5	0.00027	0.00027	0.00027	0.00027	0.0039	0.0039	0.0094	1.30E-07	1.30E-07	0	0	0	0	0	0	0	0	0	0	0
nC5(Mole Fraction)	%	8.7	9.3	9.3	0	0.00043	0.00043	3.4	0.00027	0.00027	0.00027	0.00027	0.0038	0.0038	0.0092	1.50E-07	1.50E-07	0	0	0	0	0	0	0	0	0	0	0
nC6(Mole Fraction)	%	28	30	30	0	0.00051	0.00051	4.1	0.00032	0.00032	0.00032	0.00032	0.0045	0.0045	0.011	1.00E-07	1.00E-07	0	0	0	0	0	0	0	0	0	0	0
nC7(Mole Fraction)	%	2	2.1	2.1	0	8.10E-06	8.10E-06	0.092	3.80E-06	3.80E-06	3.80E-06	3.80E-06	5.30E-05	5.30E-05	0.00013	7.10E-10	7.10E-10	0	0	0	0	0	0	0	0	0	0	0
nC8(Mole Fraction)	%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water(Mole Fraction)	%	0.12	0.11	0.11	0	88.59	89	4.7	89	89	89	89	62	62	6.4	99.90	99.90	92	99	91	91	91	91	91	91	91	91	0
Hydrogen Sulfide(Mole Fraction)	%	1.7	0.00015	0.00015	0	0.72	0.72	1.5	0.72	0.72	0.72	0.72	10	10	24	0.05	0.05	0.024	0.071	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0	0
DEA(Mole Fraction)	%	0	0.0016	0.0016	100	8.3	8.3	3.70E-05	8.3	8.3	8.3	8.3	1.40E-08	1.40E-08	3.80E-18	2.40E-08	2.40E-08	7.4	0.0089	8.5	8.5	8.5	8.5	8.5	8.5	8.5	0	0
TEG(Mole Fraction)	%	0	6.20E-06	6.20E-06	0	0.024	0.024	1.50E-07	0.024	0.024	0.024	0.024	3.40E-09	3.40E-09	0	0	0	0.021	2.20E-05	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0	0
Thermal 55 (Mole Fraction)	%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	100

PILOT EXHIBIT 2058 PAGE 004

SCOUT/CHEVRON v. PILOT - IPR2024-00385

NOTES	DWG. NO.	REFERENCE DRAWINGS	NO.	DATE	REVISIONS	BY	CHK'D.	APP.	DATE	APP.	DATE	CLIENT APP.	CLIENT DATE	ENGINEERING RECORD		McGuffey Energy Services 18635 TELGE RD., CYPRESS, TX 77429 PHONE (281) 255-6555 FX (281) 255-2553 www.mcgroup.com	Pilot5 GOLDSMITH PROCESSING PLANT Edgar County, Texas DEA SYSTEM PROCESS FLOW DIAGRAM	PROJECT NO. 5100928	DWG. NO. 5100928-01-004	CNO FILE: PFD-5100928-01-004	REV. C
			A	01-13-11	ISSUED FOR REVIEW & COMMENT	F.H.	L.G.	B.H.	01-13-11				DRN: F.H.	12-01-10							
			B	02-28-11	ISSUED FOR APPROVAL	F.H.	R.H.	B.H.	02-28-11				CHK: L.G.	12-30-10							
			C	03-13-12	FINAL DESIGN	F.H.	G.R.	B.K.	03-13-12				APP: B.H.	01-13-11							
													APP:								
													CLIENT APP:								
														DO NOT SCALE DRAWING USE DIMENSIONS ONLY							

Exchanger Names	Units	E-602	H-608	E-609	Stripping Gas Heater	Cond Coil
Exchanger Duty	Btu/h	72859.9	163000	257182	8601.7	11314

Names	Units	3	50	51	52	53	54	55	56	57	58	59	60	61	62	64	65	66	67	68	69	70	71	72	74	75
Temperature	°F	70	71	72	60	72.3	71	81	64	64	64	64	64	300	400	400	160	160	160	160	80	72	430	420	72	181.9
Pressure	psig	580	575	570	25.3	14.5	580	580	60	60	60	60	60	55	8	8	5	45	45	600	595	570	50	45	520	1.5
Mole Fraction Vapor	%	100	100	100	0	100	0	1.5	22	0	100	0	0	4.6	0	0	0	0	0	0	0	100	0	0	0	100
Mole Fraction Light Liquid	%	0	0	0	100	0	100	98.5	78	100	0	100	100	95	100	100	100	100	100	100	100	0	100	100	100	0
Mole Fraction Heavy Liquid	%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Avg Molecular Weight	lb/lbmol	42	42	42	-	42	99	99	99	114	44	114	114	110	140	140	140	140	140	140	140	42	320	320	99.28	30.92
Avg Mass Density	lb/ft³	6.1	6	5.9	-	0.26	69	64	5.8	70	0.61	70	70	16	58	58	67	67	67	67	70	5.9	45.78	46.03	68.6	0.073
Molar Flow	lbmol/h	3200	3200	3200	-	2.4	20	20	20	16	4.3	16	16	16	12	12	12	12	12	12	12	3200	81.66	81.66	-	6.06
Mass Flow	lb/h	1.40E+05	1.40E+05	1.40E+05	-	100	2000	2000	2000	1800	190	1800	1800	1800	1700	1700	1700	1700	1700	1700	1700	140000	26129.7	26129.7	-	187.486
Liquid Volumetric Flow	gpm	0	0	0	-	0	3.6	3.8	42	3.2	0	3.2	3.2	3.52	3.6	3.6	3.1	3.1	3.1	3.1	3	0	71.15	567.6	-	0
Std Liquid Volumetric Flow	sgpm	0	0	0	-	0	3.7	3.7	3.7	3.2	0	3.2	3.2	3.12	3	3	3	3	3	3	3	0	59.66	70.76	-	0
Vapor Volumetric Flow	MMCFD	0.53	0.54	0.55	0	0.009	0	4.90E-05	0.00754	0	0.0076	0	0	0.0019	0	0	0	0	0	0	0	0.55	0	-	0	0.06
Std Vapor Volumetric Flow	MMSCFD	29	29	29	0	0.022	0	0.0026	0.039	0	0.039	0	0	0.071	0	0	0	0	0	0	0	29	0	-	0	0.055
Specific Gravity - (vap/liq)		1.5	1.5	1.5	1.13	1.5	1.1	1.48/1.09	1.52 / 1.11	1.1	1.5	1.1	1.1	1.39 / 0.99	0.93	0.93	1.1	1.1	1.1	1.1	1.1	1.5	0.734	0.738	1.09	1.06
Dynamic Viscosity-(vap/liq)	cP	0.016	0.016	0.016	61.96	0.021	6	.01/5.4	0.014 / 35.16	35	0.014	35	35	0.018 / 1.40	0.8	0.8	7.3	7.3	7.3	7.3	35	0.016	0.637	0.668	5.97	0.01
N2(Mole Fraction)	%	2.1	2.1	2.1	0	2.1	0.012	0.012	0.012	0.000026	0.054	2.60E-05	2.60E-05	0.000026	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	2.1	0	0	0	0.83
Carbon Dioxide(Mole Fraction)	%	86	86	86	0	86	23	23	23	3.6	91	3.6	3.6	0.13	0.13	0.13	0.13	0.13	0.13	0.13	86	0	0	0	0	42.6406
Methane(Mole Fraction)	%	5.6	5.6	5.6	0	5.6	0.13	0.13	0.13	0.0015	0.6	0.0015	0.0015	0.0015	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	5.6	0	0	0	0	2.1843
Ethane(Mole Fraction)	%	1.6	1.6	1.6	0	1.6	0.13	0.13	0.13	0.0066	0.58	0.0066	0.0066	0.0066	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	1.6	0	0	0	0	0.6518
Propane(Mole Fraction)	%	1.4	1.4	1.4	0	1.4	0.22	0.22	0.22	0.025	0.93	0.025	0.025	0.025	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	1.4	0	0	0	0	0.6186
iC4(Mole Fraction)	%	0.26	0.26	0.26	0	0.26	0.045	0.045	0.045	0.0062	0.18	0.0062	0.0062	0.00048	0.00048	0.00048	0.00048	0.00048	0.00048	0.00048	0.26	0	0	0	0	0.1183
n-Butane(Mole Fraction)	%	0.74	0.74	0.74	0	0.74	0.19	0.19	0.19	0.038	0.72	0.038	0.038	0.038	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.74	0	0	0	0	0.3838
iC5(Mole Fraction)	%	0.29	0.29	0.29	0	0.29	0.12	0.12	0.12	0.043	0.4	0.043	0.043	0.043	0.00092	0.00092	0.00092	0.00092	0.00092	0.00092	0.29	0	0	0	0	0.2196
nC5(Mole Fraction)	%	0.23	0.23	0.23	0	0.23	0.12	0.12	0.12	0.05	0.36	0.05	0.05	0.05	0.00079	0.00079	0.00079	0.00079	0.00079	0.00079	0.23	0	0	0	0	0.2139
nC6(Mole Fraction)	%	0.5	0.5	0.5	0	0.5	0.45	0.45	0.45	0.29	1	0.29	0.29	0.29	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.5	0	0	0	0	0.9329
nC7(Mole Fraction)	%	0.02	0.02	0.02	0	0.02	0.034	0.034	0.034	0.031	0.045	0.031	0.031	0.031	0.00013	0.00013	0.00013	0.00013	0.00013	0.00013	0.02	0	0	0	0	0.0861
nC8(Mole Fraction)	%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water(Mole Fraction)	%	0.095	0.0027	0.0027	1.643	0.0027	18	18	18	23	0.06	23	23	23	5.2	5.2	5.2	5.2	5.2	5.2	0.0027	0	0	0	0	48.642
Hydrogen Sulfide(Mole Fraction)	%	1.2	1.2	1.2	0	1.2	1.4	1.4	1.4	0.79	3.7	0.79	0.79	0.79	0.0063	0.0063	0.0063	0.0063	0.0063	0.0063	1.2	0	0	0	0	2.4754
DEA(Mole Fraction)	%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TEG(Mole Fraction)	%	0	0.000026	0.000026	98.356	0.000026	56	56	56	72	0.00001	72	72	72	95	95	95	95	95	95	0.000026	0	0	100	100	8.19E-06
Therminol 55 (Mole Fraction)	%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	100	100	100	0

PILOT EXHIBIT 2058 PAGE 006

SCOUT/CHEVRON v. PILOT - IPR2024-00385

NOTES	DWG. NO.	REFERENCE DRAWINGS	NO.	DATE	REVISIONS	BY	CHK'D.	APP.	DATE	APP.	DATE	CLIENT APP.	CLIENT DATE	ENGINEERING RECORD		McGuffey Energy Services 18635 TELGE RD. CYPRESS, TX 77429 PHONE (281) 255-4855 FX (281) 255-2553 www.mcguftgroup.com	Pilot GOLDSMITH PROCESSING PLANT Edgar County, Texas				
			A	01-13-11	ISSUED FOR REVIEW & COMMENT	F.H.	L.G.	B.H.	01-13-11					DRN:	F.H.			12-01-10	TEG SYSTEM PROCESS FLOW DIAGRAM		
			B	02-28-11	ISSUED FOR APPROVAL	F.H.	R.H.	B.H.	02-28-11					CHK:	L.G.			12-30-10			
			C	03-13-12	FINAL DESIGN	F.H.	G.R.	B.K.	03-13-12					APP:	B.H.			01-13-11			
														APP:							
														CLIENT APP:							
														CLIENT APP:							
DO NOT SCALE DRAWING USE DIMENSIONS ONLY																PROJECT NO.	5100928	DWG. NO.	5100928-01-006	CHD FILE: 5100928-01-006	REV. C
																SCALE:	NONE				