Husky Oil Operations Limited

QR-19.6 PEIM RISK ASSESSMENT FORM Rev. 2, Date: Jan 15, 2015

				Name	Singnature	Date
Facility	Ansell Gas Plant		Asset Integrity	Greg Guenette	theuse	July 17/2018
LSD	07-27-51-19W5	A T	Operations		1.	
		Assessment Team:	Process Engineering	Tony Williams	Q. vylles	July 17/19
			Maintenance	Peter Beres	11	July 17/18

Assessment Date: July 16, 2018

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			Section Acres											
SAP#	Description	Service	Product	Last	Next	Proposed	Inspection History	Repair/Alteration	Operational History	Remaining Life	Probability of	Production Loss Consequence (PLC)	Consequence of Failure (COF)	Risk
SAP#	Description	Service	Froduct	Inspection	Inspection	Inspection	inoposition rinderly	History	,		Failure (POF)	Consequence (FLC)	railule (COI)	
				Date	Due Date	Date								
66030687	CONDENSER, CONDENSATE COOLER	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	361 years (2113) short and long term or 0.0041	N/A	N/A	N/A	Low
		Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	361 years (2113) short and long term cr 0.00 as per RBI	N/A	N/A	N/A	Low
	CONDENSER, DEBUTANIZER OVERHEAD "A" CONDENSER, PROPANE REFRIGERATION	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	361 years (2113) short and long term cr 0.0006	N/A	N/A	N/A	Low
	HEAT EX - AIR COOLED, 1ST STAGE DISCH	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	361 years (2113) short and long term cr 0.0070	N/A	N/A	N/A	Low
	HEAT EX - AIR COOLED, AFTERCOOLER	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	500 years (2113) short and long term or 0.0050	N/A	N/A	N/A	Low
66031559	HEAT EX - AIR COOLED, AFTERCOOLER HEAT EX - AIR COOLED, REGEN COOLER "A"	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	131 years (2113) short and long term cr 0.0065	N/A	N/A	N/A	Low
	HEAT EX - AIR COOLED, REGEN COOLER A	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	416 years (2113) short and long term cr 0.0045	N/A	N/A	N/A	Low

		Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	230 years (2113) short and long term or 0.0239	N/A	N/A	N/A	Łow
66128943	CONDENSER, DEPROPANIZER OVERHEAD	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted. UT date need to be confirmed in 2019 to determine proper corrosion rates	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	16 years (2034) short and long term cr 0.2696	N/A	N/A	N/A	Low
66147752	HEAT EX - AC, DISCHARGE GAS COOLER	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	75 years (2086) short and long term cr 0.2696	N/A	N/A	N/A	Low
		Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	383 years (2113) short and long term cr 0.0037	N/A	N/A	N/A	Low
66038213	HEAT EX - AC, DEBUTANIZER OVERHEAD "B"	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	361 years (2113) short and long term cr 0.00 as per RBI	N/A	N/A	N/A	Low
66206116	HEAT EX - AC, 2ND STAGE DISCHARGE	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	361 years (2113) short and long term cr 0.00 as per RBI	N/A	N/A	N/A	Low
66206115	HEAT EX - AC, 1ST STAGE DISCHARGE	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	361 years (2113) short and long term or 0.00 as per RBI	N/A	N/A	N/A	Low
66042493	TOWER, DE-ETHANIZER TOWER, DEBUTANIZER	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	29 years (2041) short and long term cr 0.0198	N/A	N/A	N/A	Low
66042496		Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	361 years (2113) short and long term cr 0.00 as per RBI	N/A	N/A	N/A	Low
66042531	TOWER, DE-METHANIZER TOWER, CONDENSATE STABILIZER	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	399 years (2111) short and long term cr 0.0109	N/A	N/A	N/A	Low
66042738	TOWER, CONDENSATE STABILIZER TOWER, DEPRONANIZER	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	911 years (2113) short and long term or 0.0005	N/A	N/A	N/A	Low

66036373	HEATER, IDF, REBOILER, GLYCOL	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	22 years (2033) short and long term cr 0.0123	N/A	N/A	N/A	Low
66167333	HEAT EXCH, S&T, REBOILER, CONDENSATE	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	82 years (2096) short and long term cr 0.0128	N/A	N/A	N/A	Low
64002643	FILTER, COALESCER SALES GAS #1	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	714 years (2113) short and long term cr 0.0048	N/A	N/A	N/A	Low
	SEPARATOR, SLUG CATCHER "A"	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted. UT date need to be confirmed in 2019 to determine proper corrosion rates	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	15 years (2027) short and long term cr 0.1255	N/A	N/A	N/A	Low
66005380	SEPARATOR, SLUG CATCHER "A"	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	24 years (2035) short and long term cr 0.0054	N/A	N/A	N/A	Low
66005383	SEPARATOR, SLOG CATCHER B	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	126 years (2113) short and long term cr 0.0077	N/A	N/A	N/A	Low
66041352	ACCUMULATOR, REFRIDGE PROPANE	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	378 years (2113) short and long term cr 0.0021	N/A	N/A	N/A	Low
66042558	DRUM, DEPROPANIZER REFLUX	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	58 years (2070) short and long term or 0.0037	N/A	N/A	N/A	Low
66043193	DRUM, DE-ETHANIZER REFLUX	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	284 years (2113) short and long term cr 0.0008	N/A	N/A	N/A	Low
66043195	DRUM, DEBUTANIZER REFLUX	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	72 years (2085) short and long term cr 0.0029	N/A	N/A	N/A	Low
66043193	DRUM, CONDENSATE STABILIZER FEED	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	295 years (2113) short and long term cr 0.0027	N/A	N/A	N/A	Low

66043420	FILTER, CARBON GLYCOL	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	295 years (2113) short and long term cr 0.0027	N/A	N/A	N/A	Low
66043478	FILTER, DUST "A" - LEFT	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	361 years (2113) short and long term cr 0.00 as per RBI	N/A	N/A	N/A	Low
66043481	FILTER, DUST "B" - RIGHT	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	226 years (2111) short and long term cr 0.0047	N/A	N/A	N/A	Low
66043640	FILTER, GLYCOL	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	361 years (2113) short and long term cr 0.00 as per RBI	N/A	N/A	N/A	Low
66043853	FILTER, REFRIDGE OIL "A"	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	347 years (2113) short and long term cr 0.0036	N/A	N/A	N/A	Low
66043855	FILTER, REFRIDGE OIL "B"	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	550 years (2113) short and long term cr 0.0032	N/A	N/A	N/A	Low
66043857	FILTER, REFRIDGE OIL "C"	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	361 years (2113) short and long term cr 0.00 as per RBI	N/A	N/A	N/A	Low
66043860	FILTER, REFRIDGE OIL "D"	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	493 years (2113) short and long term or 0.0021	N/A	N/A	N/A	Low
66043907	FILTER, INLET GAS PARTICLE	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	136 years (2113) short and long term cr 0.0132	N/A	N/A	N/A	Low
66044357	TANK, AIR RECEIVER	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	72 years (2086) short and long term cr 0.0007	N/A	N/A	N/A	Low
66045848	SCRUBBER, REFRIGERATION 1ST STAGE	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	113 years (2113) short and long term cr 0.0056	N/A	N/A	N/A	Low

66045849	SCRUBBER, REFRIGERATION 2ND STAGE	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	1369 years (2113) short and long term cr 0.0006	N/A	N/A	N/A	Low
66046172	SEPARATOR, COLD GAS	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	361 years (2113) short and long term cr 0.00 as per RBI	N/A	N/A	N/A	Low
66046896	SEPARATOR, INLET	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	23 years (2035) short and long term cr 0.0190	N/A	N/A	N/A	Low
66090311	FILTER, REFRIDGE PROPANE DISCHARGE	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	23 years (2035) short and long term cr 0.0190	N/A	N/A	N/A	Low
		Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted. UT date need to be confirmed in 2019 to determine proper corrosion rates	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	11 years (2025) short and long term cr 0.2588	N/A	N/A	N/A	Low
66090312	FILTER, REFRIDGE PROPANE DISCHARGE	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	240 years (2113) short and long term cr 0.0065	N/A	N/A	N/A	Low
66126579	DRUM, FLARE KNOCK OUT	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	44 years (2059) short and long term or 0.0272	N/A	N/A	N/A	Low
66128609	SEPARATOR, INLET	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	68 years (2079) short and long term or 0.0263	N/A	N/A	N/A	Low
66128643	FILTER, GAS PARTICAL	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	172 years (2111) short and long term or 0.0179	N/A	N/A	N/A	low
66128950	FILTER, GLYCOL CARBON F103	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted. UT date need to be confirmed in 2019 to determine proper corrosion rates	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	12 years (2027) short and long term or 0.0387	N/A	N/A	N/A	Low
66130694	TANK, AIR RECEIVER FILTER, SUCTION SCRUBBER V-1	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	317 years (2113) short and long term cr 0.0058	N/A	N/A	N/A	Łow

66147738	SEPARATOR, OIL V-2	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	122 years (2111) short and long term or 0.0020	N/A	N/A	N/A	Low
66147739	FILTER, OIL F-1A	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	361 years (2113) short and long term cr 0.00 as per RBI	N/A	N/A	N/A	Low
66147749	FILTER, OIL F-1B	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	361 years (2113) short and long term cr 0.00 as per RBI	N/A	N/A	N/A	Low
		Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	118 years (2111) short and long term or 0.0157	N/A	N/A	N/A	Low
66147830	DRUM, FLARE KNOCK OUT	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	48 years (2063) short and long term cr 0.0103	N/A	N/A	N/A	Low
66153662	VESSEL, GLYCOL SURGE	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	26 years (2041) short and long term cr 0.0314	N/A	N/A	N/A	Low
66167011	FILTER, GLYCOL F102	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	361 years (2113) short and long term cr 0.00 as per RBI	N/A	N/A	N/A	Low
66200497	FILTER, GLYCOL PARTICLE	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	361 years (2113) short and long term cr 0.00 as per RBI	N/A	N/A	N/A	Low
66200498	FILTER, STABILIZER CONDENSATE	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	117 years (2114) short and long term or 0.0055	N/A	N/A	N/A	Low
66210815	DRUM, HYDRO CARBON DRAIN TANK	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	20 years (2034) short and long term cr 0.0728	N/A	N/A	N/A	Low
66030677	HEAT EX - S&T, DE-ETHANIZER CONDENSER	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	361 years (2113) short and long term cr 0.00 as per RBI	N/A	N/A	N/A	Low

25005074		Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection Their has been no operation and issues 302 years (2111) short and long term or 0.0098	N/A	N/A	N/A	Low
66036274	HEAT EX - S&T, CONDY STABILIZER REBOILER HEAT EX - S&T, DE-ETHANIZER REBOILER	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection Their has been no operation 93 years (2107) short and long term or 0.0101	N/A	N/A	N/A	Low
66036344	HEAT EX - S&T, DE-ETHANIZER REBOILER HEAT EX - S&T, DEBUTANIZER REBOILER	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection Their has been no operational 657 years (2112) short and long term or 0.0009	N/A	N/A	N/A	Low
66036346		Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection Their has been no operations and seem of 0.00 as per RBI term or 0.00 as	N/A	N/A	N/A	Low
66036347	HEAT EX - S&T, DEPROPANIZER REBOILER	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	N/A	N/A	N/A	Low
66038216	HEAT EX - S&T, PROPANE SUBCOOLER	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	N/A	N/A	N/A	Low
66038351	HEAT EX - S&T, GAS CHILLER	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	N/A	N/A	N/A	Low
	HEAT EX - S&T, CS EXCHANGER	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	N/A	N/A	N/A	Low
66038699	HEAT EX - SPIRAL COIL, DEPROP OVERHEAD	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	N/A	N/A	N/A	Low
	3 HEAT EXCH, S&T, GAS/GAS EXCHANGER	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted. UT date need to be confirmed in 2019 to determine proper corrosion rates	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	N/A	N/A	N/A	Low
66128827 66128828	EXCHANGER, GAS / GLYCOL INJECTION HEAT EX - S&T, GAS CHILLER	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	N/A	N/A	N/A	Low

66128865	HEAT EX - S&T, PROPANE SUBCOOLER	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted. UT date need to be confirmed in 2019 to determine proper corrosion rates	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	16 years (2028) short and long term cr 0.0727	N/A	N/A	N/A	Low
66128869	HEAT EXCH, S&T, STABILIZER REBOILER	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted. UT date need to be confirmed in 2019 to determine proper corrosion rates	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	13 years (2028) short and long term cr 0.0888	N/A	N/A	N/A	Low
66197561	HEAT EX - S&T, INLET GAS/GAS EXCHANGER	Sweet	Gas, Liquids	2014	2019	2024	All previous inspections have shown no issues of corrosion noted	None	Their has been no operational issues noted that would deter not doing the visual internal inspection	54 years (2068) short and long term or 0.0191	N/A	N/A	N/A	Low