

1.1-FRM-001VS Visual External Inspection Report

	M	IANAC	GEMEN	NT SYS	TEMS	Report	#:		PSV	Servi	MDF	rt Avail. 🗷 R Avail. 🗷 Verified 🗷	Y □N	×	Installation	⊠ External (⊠ Internal
Date:	2022-08-1	1			WO#	1001-TI			Proc. L	Jsed:	Cat 1 - Unfi	ired Separator			R	ec. Insp. Inte	erval: ³
Inspected By:	Dwight Col	lp ISI-P	VPP Ce	ert# 0006	92, API 5	10 #43558,	, API 57	0 #45288	Radiog	raphy	:	1					
0	Tara Energ	gy							Heat T			Yes					
Coordinator:	Jeff Warr									al Boa	rd Numb	er: ⁵⁹					
rtogion.	NE B.C, A	lberta			Area	: North Pe	ace		Notes: Vessel C	apacity	2122FT3 (6	OM3)					
i aciiity.	Portable																
Location, LSD																	
Description:						1Heater											
Service Fluid:		et 🗷 S	Sour Fl			Emulsion											
Unit Name / #:	ST-06				Equip#	ST-06											
Equip. Name:	Horizontal	Separa	ator														
ourisalotion //.	0669163				CRN	: V9366.21	13										
Manuacturer.	Coral Oilfie	eld Serv		 ,													
rour built.	2017		•	N: 4570			1	1									
Components:	<u>Diame</u>		<u>ength</u>			ominal t		_					Comm	<u>ent</u>			
Shell:	108"	30		SA516-			0.125	+									
Head:	108"	2:	:1	SA516-	70N 0.5		0.125'	-									
Channel: Tube:		+															
Other:																	
0 1101.		F	PSV D	ata:	PSV C	apacity	Verifie	ed: □Y 🏻	XIN BI	ock V	alve(s) Ir	nstalled: □	lYes ⊠N	o Car-s	ealed Ope	n: □Yes □N	lo ⊠ N/A
Zones:	MDMT			ИAWP	Set Press			Model		Manf.	, ,	RN Serial		In. Out.			Serv. Date
Shell Side:	-50F	300F	1:	25 PSI	125 PSI	ST-06 B	3J7811:	341-60-60-	0	Taylor	0G01316.2	C 037824-3	354	3" 3"	3226 SCFM	Kings Energy	2017-10-02
Tube Side:																	
Other:																	
Orientation:	⊠ Hor.	□Ver	r. Fo	undat	ion:	□Cor	ocrete	□Grave	el □Tin	nbers	⊠Steel	□Other: _		Condi	tion: Good		
								ove									
	☑Saddle: ☑Seal-welded ☑Free to move Condition: Good □Skirt: □Free of debris Comment: Condition:																
Support:				_			nent:					Condition					
Support:	□Hang	gers:		Secure	!	Comr											
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Additional notes are attached:□

Item **⊠**is

□is <u>NOT</u>

suitable for service.

Inspector's Signature:

- Comments







2022/08/11 10:46 Liquid Outlet Piping	2022/08/11 10:45 Meter Run
Liquid Outlet Piping	Meter Run

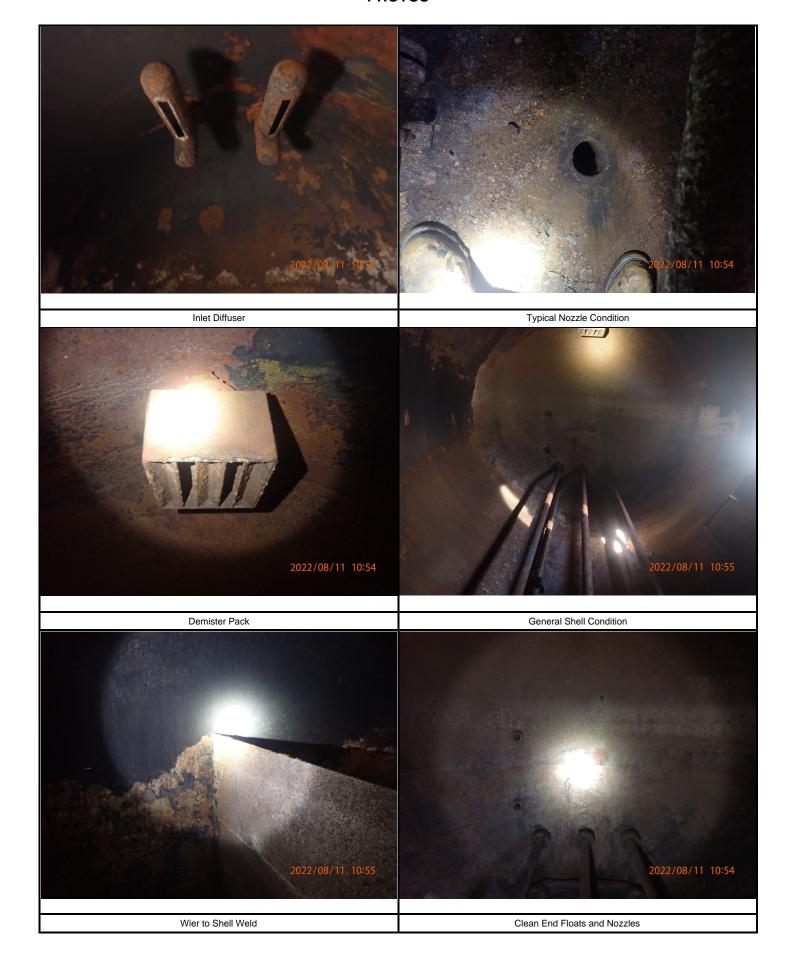


4.4-FRM-002VS Visual Internal Inspection Report

Date:	2022-08-08	WO #: 1001-TI	Proc. Used: Cat 1 - Unfired Separator
Inspected By:	Dwight Colp ISI-PVPP Cert#	000692, API 510 #43558, API 570 #4528	Notes:
Client:	Tara Energy		
Coordinator:	Jeff Warr		
Region:	NE B.C, Alberta	Area: North Peace	
Facility:	Portable	,	
Location, LSD	Portable		
Description:	⊠ Vessel □Exchanger	· □Tank □Heater	
Service Fluid:	□Sweet ⊠ Sour Fluid		
Unit Name / #:	ST-06	Equip#:ST-06	
	Horizontal Separator ST-06		
	669163	CRN:V9366.213	
04.104.01.01.77.	Coral Oilfield Services	Oruv.	
		N:4570-01	
			possible shall and head surfaces nazzles wolds ats
Scope:	A visual internal (VI) in	spection was performed on all acc	cessible shell and head surfaces, nozzles, welds, etc.
Manway:	Gasket Surfaces:	☑Compliant with code	CommentNo concerns
···aiiway.	Manway Nozzle:	No pitting, erosion, etc.	Comment: No concerns
	□Coated	□Continuous and well-adhered	Comment:
Shell and	Uniform Corrosion:	⊠Insignificant amount	Comment: No concerns
Head	Pitting Corrosion:	⊠None noted	Comment: No concerns
Surfaces:	Erosion:	⊠None noted	Comment: No concerns
	Mechanical Damage:	⊠None noted	Comment:No concerns
	Uniform Corrosion:	⊠Insignificant amount	Comment:No concerns
Welds:	Pitting Corrosion:	⊠None noted	Comment: No concerns
	Welding Defects:	⊠None noted	Comment: No concerns
	NDT was performed	d by:PIMS	Type: □MPI (□WF □B&W □Dry) □LPI ⊠ UT □RT □Other:
NDT:	Extent: Vessel and F		
	Results: No concern	S	
	Obstructions:	⊠None noted	Comment: No concerns
Nozzles:	Corrosion:	None noted ■	Comment: No concerns
	Erosion:	None noted ■ None noted	Comment: No concerns
	□Vortex Breaker	□Secure □Good condition	Comment:
	□Impingement Plate	□Secure □Good condition	Comment:
	☑Internal Piping	Secure SGood condition	Comment: No concerns
	☑Demister	■Secure ■Good condition	Comment: No concerns
Attachments:		□Secure □Good condition	
Attachinents.	□Heating Coil ☑ Weir	Secure Good condition	Comment: No concerns
	Maria Inlet Diffuser	Secure SGood condition	Comment: No concerns
		□Secure □Good condition □Secure □Good condition	Comment:
		DSecure DGood Condition	Comment:
Notes:			
Recom-	1. No recommendations		
mended	2.		
Actions:	3.		

Inspector's Signature:







FORM U-TA MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS

A# 4570-01 S/N#

(Alternative Form for Single Chamber, Completely Shop or Field Fabricated Vessels Only)
As Required by the Provisions of the ASME Boiler and Pressure Vessel Code Rules, Section VIII, Division 1

@669163

1.	Manufactured ar	nd certif	ied by C	oral Oil	field Se	ervice	es Inc., 1	15303-94s		rande P Name and		OWNERS SEASON SHOULD NOT THE PROPERTY OF			CA	NADA			THE REPORT OF THE ASSOCIATION OF THE PROPERTY
2.	Manufactured fo	r Halt	ec Testir	ng Inc.,	Box 92	Bay	tree, Alb	erta, T0H				ress or ivi	anura	icturer)					
			**************************************		VPROPER YEAR OLD VALUE OF THE SECONDARY					e and add		of Purcha	ser)	The order on the statement of season		een britis jane suorialeita ja vyalgon		Acres 190 com deserbitors because	
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4 -	Horiz Type Sepa			4570	04		\//	0200 042		(ivame		address)					Co. na		te ogrzśczen?
4.	Type Sepa (Horizontal or	vertical, ta	nk) (M	anufacturer's		nber)	V	9366.213 (CRN)	**********	SSS Presidential and Commission (Co.)		3968 R (Drawing n	and the section of		normalita distribu	(Natio	59 nal Board nu	ımber)	2017 (Year built)
5.	ASME Code, Se	ection V	III, Divisio	n 1		2015	/ N/A									,		,	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
				[E	dition and		a, if applicab	le (date)]	SAN ANTONOON OF	(Code	N/ Case	A numbers)		contentitudinesses independence		(Spec	N/A cial service p		20(d))
6	Shell:	SA-51	6-70N			0.5"		0	.125	-11			4000	(ID)				0.01	
0.	#19min/wassamanian-pakeungrapun	HONOR BESTERNING THE	number, grad	de)		nal thick	ness)		rr. allo		MANAGEM AUG			(ID) ameter)	(MINISTERNATE)	Arnti Amerikan melakan kerangan	[Le	30' ngth (ove	rall)
							,	Body Flan	ges o	on Shells								3 (/1
No	. Type	ID	OD	Flange	Min Hul	b Thk	Ma	aterial		How	Lo	cation			-	Bolting	olting Washer	(OD ID	1 \\\(\lambda\)
	May here		00000	Thk			2			tached		oation	Nu	m & Size		aterial	th		, Washer Material
N/A	N/A	N/A	N/A	N/A	N/A		N/A		N/A	1	N/A		N/A		N/A		N/A		N/A
7.	Seams:	Туре	1		Full		1.00	1125 °F	1	I.0 Houi			Тур	e 1		F	ull	1.0	00 3
0	llaada.		sngl., lap, bu	itt)] [R.1	.(spot or fu	ıll)]	(Eff.,%)	(H.T. temp)		(Time, hr)	[4	Girth. (weld	led, db	l., sngl., lap, b	outt)]	[R.T. (sp	ot or full)]	(Eff.,	
Ο.	Heads: (a) Mate	erial				16-70				(b) N	later	ial				SA-51	6-70N		
	Location (Top, Bot	tom	Minimum	Con	osion (Spec.	no., gra	n Radius	L Knuekle De	diua	Irminal	7-6-1	Canical	A	I I I I		(Spec. no	., grade)	or-ententeemental	The Principle is in the San Committee of the Committee of
	Ends)		Thickness		vance	Crow	ii Raulus	Knuckle Ra	auius	Elliptical	Ratio	Angle		Hemispher Radius		Flat Diameter	Side to	Pressu	re (Convex or ave)
(a)	END		0.5"	0.1	25"		N/A	N/A		2:1	\dashv	N/A		N/A	+	N/A		Conc	,
(b)	END		0.5"	0.1	25"	I	N/A	N/A		2:1		N/A		N/A	\dashv	N/A		Conc	
								Body Flang	aes o	n Heads									
	Lasation	т	15		T		Min Hub	1									olting		
	Location	Туре	ID	OD	Flang	eihk	Thk	Mate	erial	Ho	w Att	ached	N	um & Size	Во	ting Mate	rial Wash	er (OD, thk)	Washer Material
(a)	M/A		N/A	N/A	N/A		N/A	N/A	-	N/A					N/	4	N/A		N/A
9. 1	Ρ	125		-					at	max. ten	ηp.			00 °F			-		
A	lin docian moto	(Interr	,	-	_4		ternal)							nternal)			(Externa		
11	/lin. design meta	i temp.	-50 °	Г	at		125 psi			Hydro	, pne	eu., or co	omb.	test press	sure	Machineston	HYDRO	O at 16	63 psi
F	Proof test									N/A									
·	resist includes a consis	DESCRIPTION OF STATE	Control of the second s	en-out-track-auto-thiologic-out-	Old Grave Mary Street Section 1	en e		NOTION TO REAL PROPERTY OF THE		IWA	onemous p. day	entre neces per currents con equip	NAMES AND DESCRIPTIONS	TO SECURE OF THE	*****		A Maria Roser and Special Actions	ORGANIZATE MESTALIA	
10. N	lozzles, inspection	on and s	safety valv	/e openir	igs:														
Purp	oose (Inlet, Outlet,	No.	Diameter	ror -	ype			terial		Nozzle	Thic	kness	Rein	forcement		Attachme	nt Details	L	ocation (Insp.
	Drain, etc.)		Size				ozzle	Flang		Nom.		Corr.	N	1aterial	_	Vozzle	Flange		Open.)
-	as Inlet/Outlet	5	4" 3"		FWN		106Gr.B	SA-10		0.674	+	.125"		N/A	_	V16.1(D)	Type 1	_	Shell
-	,Water/Oil Outlet	8	2"		FWN FWN		106Gr.B 106Gr.B	SA-10	***************************************	0.600	-	.125"		N/A	-	V16.1(D)	Type 1		Shell/Head
	itional Nozzles - Se			I K	LAAIA	SA-	IU0GI.D	SA-10	NIC	0.436	0.	.125"		N/A	JUV	V16.1(D)	Type 1		Head
					1			0.11			2004								
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12. R	emarks: Manufactur	er's Partia	al Data Rep	orts proper	ly identifie	ed and		Commissione	ed Ins	pectors, h			hed fo	or the followi	ina ite	ms of the		viiore am	o now,
	I/A									,							oport.		
-						(Name	of part, item	number, Manuf	facture	er's name ar	d iden	itifying stan	np)						
	-Impact Tes	t exer	mpt SA1	05N an	d SA10	6-B	exempt	as per	UC	S 66 (b) (1) (b)							
	-All other m	materi	al are	exemp	t per	UCS-	-66a,UC	CS-67a(3) f	or the	fi	ller r	neta	l ,and	Fig	UCS-	66,Note	∋ C	
	for stud and -Heater coi			SI @ 3.	50F ,	MAEV	VP 125F	PSI,MDMT	-5	OF @ 1	50P	SI . (7. A	1/16.2	1 15	O RESC) SA-10)5n	
	Flange												42	-, -0,2		2 IV. 20	- nu-10	7.711	
	2" NPS XH S. -Vessel Cap	a-106E acitv	2122FT	3 (60M	3)														
	-Construction	on DWC	NO. 3	968-01	Rev. 5	5													
Aç	–1 1/8" X 6 " "al Remarks -	1/4" See Atta	Studs :	SA-193	-B7M c	:/w 2	Nuts	Each SA	194	-2HM f	or :	both 1	11A	MIB					

A669163

NB Number 59 FORM U-1A (Back) CERTIFICATE OF SHOP/FIELD COMPLIANCE We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel conform to the ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. "U" Certificate of Authorization Number 45860 **September 17, 2019** Signed Coral Oilfield Services Inc. Date 09/25/2017 Co. name (Representative) (Manufacturer) CERTIFICATE OF SHOP/FIELD INSPECTION at 15303-94st, Grande Prairie, Alberta, T8X 0L2, CANADA Coral Oilfield Services Inc. Vessel constructed by I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and employed by Alberta Boilers Safety Association (ABSA), of Edmonton, AB September 21, 2017 , have inspected the component described in this Manufacturer's Data Report on and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. By signing this certificate neither the Inspector nor his/her employer makes any warranty, expressed or implied, concerning the pressure vessel described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his/her employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. 09/25/2017 Signed Commissions Date [National Board (incl. endorsements)] (Authorized Inspector)

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Form and version: U1





INSPECTION AND TEST REPORT

037824-354

Work to be performed in accordance with "QF9.51 PSV Production and Service Control Procedure Listing"

Converted From: Replace Nameplate affixed & Original Lined out: No Assemble Date: 09/12/2022 Assembled By: Jim Alford Assembled By: Jim Alford Final Test: Set Press: 125 psig Gauge 1: KGP-1-10K Vacuum Set: Test Date: 09/12/2022 Media: Air Back Press: 0 Gauge 2: KGP-2-10K Leakage Vac: Tested By: Casey OConne Method: Bench Cold Diff Set: 125 psig BLD %: Vacuum Act: Witness: js Simmer: Act Test Press: 125 psig Leakage: 0 BPM Set Press Def: POP Back Pres Test: 50 psig Ree-Seat: Tag: Painted: Pallet: Sealed: End Protect: Flex Gasket: Inspected By: Josh Stark Yes Yes Yes Yes Yes Yes Yes Yes Signed Off By: Josh Stark Pre-Test Comments: Reset PRETEST-REPAIR-PAINT RED Comments: Inspection Comments: Final Test -
Poly Tag Converted From: Replace Nameplate affixed & Original Lined out: No Assemble Date: 09/12/2022 Assembled By: Jim Alford Final Test: Set Press: 125 psig Gauge 1: KGP-1-10K Vacuum Set: Media: Air Back Press: 0 Gauge 2: KGP-2-10K Leakage Vac: Method: Bench Cold Diff Set: 125 psig BLD %: Vacuum Act: Witness: js Simmer: Act Test Press: 125 psig Leakage: 0 BPM Set Press Def: POP Back Pres Test: 50 psig Leak Test Press: 113 psig Final Insp: Tag: Painted: Pallet: Sealed: End Protect: Flex Gasket: Yes Yes Yes Yes Yes Yes Yes Signed Off By: Josh Stark Pre-Test Comments: Reset PRETEST-REPAIR-PAINT RED Comments:
Converted From: Replace Nameplate affixed & Original Lined out: No Set Press: Set Press: 125 psig Gauge 1: KGP-1-10K Vacuum Set: Test Date: 09/12/2022 Media: Air Back Press: 0 Gauge 2: KGP-2-10K Leakage Vac: Tested By: Casey OConne Method: Bench Cold Diff Set: 125 psig BLD %: Set Press: 125 psig BLD %: Set Press: 125 psig BLD %: Set Press Def: POP Back Pres Test: 50 psig Leak Test Press: 113 psig Tag: Painted: Pallet: Sealed: Flex Gasket: Inspected By: Josh Stark Pre-Test Comments: Reset PRETEST-REPAIR-PAINT RED Comments: Respection Comments:
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Supply 107032 Converted From: Converted To: Replace Nameplate affixed & Original Lined out: No Assemble Date: 09/12/2022 Replace Nameplate affixed & Original Lined out: No Assembled By: Jim Alford Date: Set Press: 125 psig Gauge 1: KGP-1-10K Vacuum Set: Test Date: 09/12/2022 Idelia: Air Back Press: 0 Gauge 2: KGP-2-10K Leakage Vac: Tested By: Casey OConne lethod: Bench Cold Diff Set: 125 psig BLD %: Vacuum Act: Witness: js Immer: Act Test Press: 125 psig Leakage: 0 BPM Set Press Def: POP Back Pres Test: 50 psig Leak Test Press: 113 psig Tag: Painted: Pallet: Sealed: End Protect: Flex Gasket: Inspected By: Josh Stark
Supply 107032 Converted From: Converted To: Replace Nameplate affixed & Original Lined out: No Assemble Date: 09/12/2022 Replace Nameplate affixed & Original Lined out: No Assembled By: Jim Alford Intil Test: Set Press: 125 psig Gauge 1: KGP-1-10K Vacuum Set: Test Date: 09/12/2022 Idedia: Air Back Press: 0 Gauge 2: KGP-2-10K Leakage Vac: Tested By: Casey OConne Method: Bench Cold Diff Set: 125 psig BLD %: Vacuum Act: Witness: js immer: Act Test Press: 125 psig Leakage: 0 BPM Set Press Def: POP Back Pres Test: 50 psig leakage: 113 psig
Supply 107032 Converted From: Converted To: Replace Nameplate affixed & Original Lined out: No Assemble By: Jim Alford Set Press: 125 psig Gauge 1: KGP-1-10K Vacuum Set: Test Date: 09/12/2022 Idelia: Air Back Press: 0 Gauge 2: KGP-2-10K Leakage Vac: Tested By: Casey OConne lethod: Bench Cold Diff Set: 125 psig BLD %: Vacuum Act: Witness: js immer: Act Test Press: 125 psig Leakage: 0 BPM Set Press Def: POP Back Pres Test: 50 psig
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Supply 107032 Converted From: Converted To: Assemble Date: 09/12/2022 Replace Nameplate affixed & Original Lined out: No Assembled By: Jim Alford Inal Test: Set Press: 125 psig Gauge 1: KGP-1-10K Vacuum Set: Test Date: 09/12/2022
Supply 107032 Converted From: Converted To: Assemble Date: 09/12/2022 Replace Nameplate affixed & Original Lined out: No Assembled By: Jim Alford
oly Tag Supply 107032
CDF Supply PCDF
ther Supply PV-SP
asket(s)
Component Clean Oily Rusty Carbon Other Action Part Number
utlet Cond: Rusty Nozzle Step 2: Spring No: 05-006710
slet Cond: Rusty Nozzle Step 1: Insp Tool 3:
onverted: N Nozzle: SOFT Insp Tool 2:
eplaced: N Disc Step: Insp Tool 1:
eat Matl: Viton(FKM) 9 Disc: SUB Inspected By: Jacques Blackb
uspection: Crit Dim Data: Minimum: Actual: Insp Tool Data: Inspected Date: 09/12/2022
Dismantled By: Jacques Black
Disassembly: Height: 1.71 IN Guide Ring: Nozzle Ring: Dismantled Date: 09/12/2022
Test 3: 0 psig Notes2:
Media: Air Test 1: 130 psig Pretest By: Jacques Blackb Method: Bench Test 2: 126 psig Notes1: Required
Pretest Date: Test Data: Value: Units: Pretest Date: 09/12/2022 Media: Air Test 1: 130 psig Pretest By: Jacques Blackb
ilot Data: Model: Serial No:
Model No: 83J5811341-60-60-0 Serial No: 037824-354 Replacing:
Asset No: 95882 Product: Gas Orifice Area: 1.431 sq in. Code Stmp: NB/UV Set Press: 125 psig
CRN: 0G01316.2C Service: Sour Orifice: J Capacity: 3226 SCFM Cold Diff Set 125 psig
Make: Taylor NamePlate: Orig/Dupl. Cap: Closed Inlet Rating: 150# Outlet Rating 150#
Seal ID: Bonnet: Closed Inlet Size: 3.00 inches Outlet Size: 3.00 inches
alve Data: Seal: Broken Style: FLG_Conv Inlet: RF Outlet: RF
S.D.: NOT PROVIDED Loc: STOCK TANK Plant \ init\Vessel: NOT PROVIDED Area:
Trends Que Vireles Virelan 1131 Only 1140 1151 Virelan 1151 Only
TARA ENERGY SERVICES AFE: . Date: 09/09/2022 Job: 111762 Structions: Rental Quate Pretest Repair Test Only New Reset RER VR Undate V-Ord: VORD-11567

Modified: Wednesday Sep 14, 2022 Printed: Thursday, September 29,

This document in uncoltrolled if printed, newer versions may be available. Page: 3/5

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PIMS ULTRASONIC THICKNESS GAUGE (UTT) & MPI REPORT FORM

REPORT FORM 101

CLIENT	ΓNAME:			T.	ARA ENERGY	SERVICES INC				PROJEC	T NAME	:			ST-06		
Client A	ddress:	9	526 – 8	1 Avenue	e, Clairmont	, AB T8X 0M2			Clier	nt Job N	lo.:		NA				
	Contact	N	ame:	Jeff W	arr				Purc	hase O	rder Nur	nber:	NA				
	mation:		hone:		59-8523					Numbe	r:		NA				
Work Da				0, 2022					Othe				NA				
Work Lo		_		rairie Ya	rd				H-	ort Page	e Numbe	er:	Pag		of 16		
UT Proc	edure #	U	T-001			Rev: 1	Client S	<u> </u>	N/A				Acc	. Std.:			
							ESTING EC										
						UTTE	STING EQU										
UT Instrument: Olympus							Calib	ration D	ate:	Februa	ary 7, 20	122					
UT Instrument Model: Epoch 650											Mat	erial Tl	nickness	: Variou	S		
UT Instrument Serial: 160160802					Calibra	ation Blo	cks:	Step V	Vedge	DWC	3. #:	N/A					
Cable Type	Cable Length	Tes	st Angle		Probe S/D	Freq.(MHZ)	Serial No.	Dia.	Tran Valu		Test From		dB	% FSH	Scan Sens.	Range	
Coaxal	36"	0 0	EG		S	5MHZ	A924D	0.25 0"	-		-		60	80	-	20mm	
						MPI TE	STING EC	UIPMEN	Т								
MPI Instrument: Yoke					Calib	ration D	ate:	Janua	ry 18, 20)22							
	Make: Contour Probe					Мо	del: B-300				Serial N	lumber:	2443				
						Ir	spection	Data							•		
Scop			T Report Package for 0669163 Horizontal eparator				Vessel Area to be										
3cop							Inspe	Inspected:									
		See a	ttached	report f	or results.												
Resul	ts:			ickness t		1.3 Piping is N	om-12.5%	S. ASME	Sec VI	II Div 1	flags es	tablis	hed at	Nom-(CA	A/2) unles	S	
Photo							Report										
PHOLO							Report										
	ed by e	mploy	ees per	forming	this work v	vork which wa which falls out	side the e	xact ter	ms of	refere	nce. All	certif	icates	and/or i	eports a		

This Certificate or Report is valid only for that work which was specifically requested. The company is not responsible for any views expressed by employees performing this work which falls outside the exact terms of reference. All certificates and/or reports are the result of work performed in conformance with applicable specifications and standards to the best of our ability and intent. However, the company will not be responsible for deviations with in normal limits of accuracy in accordance with the standard practices. Final Code acceptance shall require Client/Manufacture representative signature.

UT Technician: Jeremy Kerr	Certification: CGSB REG: 20506	Level: CGSB Level 1
Reviewed By: Steve Gillingham	Certification: CGSB REG: 11441	Level: CGSB Level 2
Client Representative:	Signature:	Date: August 10, 2022





Location Name:	Grande Prairie AB		LSD:	Portable	
Jur #:	0661163		Equipment/Tag No.	ST-06	
Equipment Description:	Horizontal Separator				
Manufacturer:	Coral Oilfield Services Inc.				
Serial Number:	4570-01		CRN:	V9366.213	
Shell MAWP:	125	PSI	Shell Design Temp:	300	°F
Tube MAWP:	-	PSI	Tube Design Temp:	-	°F
Shell Material:	SA516-70N		Head Material:	SA516-70N	
Shell Thickness:	12.7	mm	Head Thickness:	12.7	mm
Corrosion Allowance:	3.2	mm	Date Built:	2017	
Size:	108"	in	Pipe / Rolled Plate:	Plate	
RT:	Full		Client DWG #:	-	

Photos



View of Data Plate



Overall view of Equipment







Location Name:	Grande Prairie AB		LSD:	Portable	
Jur #:	0661163		Equipment/Tag No.	ST-06	
Equipment Description:	Horizontal Separator				
Manufacturer:	Coral Oilfield Services Inc.				
Serial Number:	4570-01		CRN:	V9366.213	
Shell MAWP:	125	PSI	Shell Design Temp:	300	°F
Tube MAWP:	-	PSI	Tube Design Temp:	-	°F
Shell Material:	SA516-70N		Head Material:	SA516-70N	
Shell Thickness:	12.7	mm	Head Thickness:	12.7	mm
Corrosion Allowance:	3.2	mm	Date Built:	2017	
Size:	108"	in	Pipe / Rolled Plate:	Plate	
RT:	Full		Client DWG #:	-	

ISO Drawing of TML's - INLET LINE





Location Name:	Grande Prairie AB		LSD:	Portable	
Jur #:	0661163		Equipment/Tag No.	ST-06	
Equipment Description:	Horizontal Separator				
Manufacturer:	Coral Oilfield Services Inc.				
Serial Number:	4570-01		CRN:	V9366.213	
Shell MAWP:	125	PSI	Shell Design Temp:	300	°F
Tube MAWP:	-	PSI	Tube Design Temp:	-	°F
Shell Material:	SA516-70N		Head Material:	SA516-70N	
Shell Thickness:	12.7	mm	Head Thickness:	12.7	mm
Corrosion Allowance:	3.2	mm	Date Built:	2017	
Size:	108"	in	Pipe / Rolled Plate:	Plate	
RT:	Full		Client DWG #:	-	

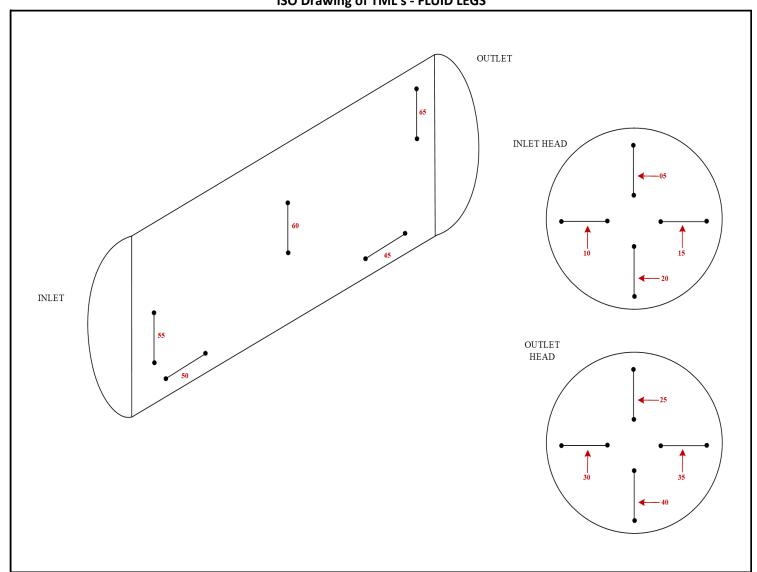
ISO Drawing of TML's - INLET LINE | 140 N10||4 N11||3)



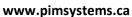


Location Name:	Grande Prairie AB		LSD:	Portable	
Jur #:	0661163		Equipment/Tag No.	ST-06	
Equipment Description:	Horizontal Separator				
Manufacturer:	Coral Oilfield Services Inc.				
Serial Number:	4570-01		CRN:	V9366.213	
Shell MAWP:	125	PSI	Shell Design Temp:	300	°F
Tube MAWP:	-	PSI	Tube Design Temp:	-	°F
Shell Material:	SA516-70N		Head Material:	SA516-70N	
Shell Thickness:	12.7	mm	Head Thickness:	12.7	mm
Corrosion Allowance:	3.2	mm	Date Built:	2017	
Size:	108"	in	Pipe / Rolled Plate:	Plate	
RT:	Full		Client DWG #:	-	

ISO Drawing of TML's - FLUID LEGS









Client: Tara Energy Services Inc. Date: 2022-08-10 Inspector: Jeremy Kerr

Location Name: Grande Prairie AB **LSD:** Portable

Jur #: 0661163 Equipment/Tag No. ST-06

Equipment Description: Horizontal Separator

Manufacturer: Coral Oilfield Services Inc.

Serial Number: 4570-01 **CRN:** V9366.213

Shell MAWP:125PSIShell Design Temp:300°FTube MAWP:-PSITube Design Temp:-°F

Shell Material: SA516-70N Head Material: SA516-70N

Shell Thickness: 12.7 mm Head Thickness: 12.7 mm

Corrosion Allowance:3.2Date Built:2017Size:108"inPipe/Rolled Plate:Plate

RT:			Client DWG #: -						
		Full	_					2022-08-10	
TML#	Description	Shape	Size	Sch	Nom	Flag		Min	Avg
NOZZELS									
N1	Inlet Nozzel	Circ	4"	NS	17.12	14.98		17.05	17.46
N2	Inlet Nozzel	Circ	4"	NS	17.12	14.98		17.15	17.66
N3	PSV Nozzel	Circ	3"	NS	15.24	13.34		14.71	14.96
N4	Gas Out Nozzel	Circ	4"	NS	17.12	14.98		17.66	18.15
N5	ater/Oil Out Noz	Circ	3"	NS	15.24	13.34		16.70	17.20
N6	ater/Oil Out Noz	Circ	3"	NS	15.24	13.34		15.40	15.63
N7	Drain Nozzel	Circ	4"	NS	17.12	14.98		18.96	19.78
N8	Drain Nozzel	Circ	4"	NS	17.12	14.98		19.98	20.63
N9	ater/Oil Out Noz:	Circ	3"	NS	15.24	13.34		14.56	15.21
N10	Sparge Nozzel	Circ	2"	NS	11.07	9.69		11.30	11.60
N11	Sparge Nozzel	Circ	2"	NS	11.07	9.69		11.07	11.37
INLET									
5	Pipe	C/S	4"	Sch160	13.49	11.80		12.73	15.14
10	Pipe	Pipe	4"	Sch160	13.49	11.80		13.35	13.87
15	Pipe	Tee Cap	4"	Sch160	13.49	11.80		13.25	15.15
20	Pipe	Pipe	4"	Sch160	13.49	11.80		12.81	13.13
25	Pipe	Tee Cap	4"	Sch160	13.49	11.80		12.92	14.08
30	Pipe	C/S	4"	Sch160	13.49	11.80		12.56	15.28
35	Pipe	Pipe	4"	Sch160	13.49	11.80		12.45	13.05
40	Pipe	Tee Cap	4"	Sch160	13.49	11.80		12.16	14.01
45	Pipe	Pipe	4"	Sch160	13.49	11.80		13.02	13.98
50	Pipe	Tee Cap	4"	Sch160	13.49	11.80		12.70	14.75
			V	ESSEL PIPIN	G				
5	Pipe	Elbow	3"	Sch40	5.50	4.80		5.59	6.17
10	Pipe	Pipe	3"	Sch40	5.50	4.80		5.25	5.49
15	Pipe	Elbow	3"	Sch40	5.50	4.80		5.73	6.06
20	Pipe	Elbow	3"	Sch40	5.50	4.80		5.73	5.87
25	Pipe	Pipe	3"	Sch40	5.50	4.80		5.63	5.83





PM	PRESSURE TO THE TOTAL THE TOTAL TO THE TOTAL
	MANAGEMENT SYSTEMS

30	Pipe	Tee Neck	3"	Sch40	5.50	4.80		6.02	7.73
35	Pipe	Tee Neck	3"	Sch80	7.62	6.67		7.12	9.20
40	Pipe	Tee Neck	4" x 3"	Sch80	8.56	7.49		8.23	9.82
45	Pipe	Elbow	3"	Sch80	7.62	6.67		7.96	8.18
50	Pipe	Tee Neck	4" x 3"	Sch80	8.56	7.49		8.33	10.80
55	Pipe	Elbow	4"	Sch80	8.56	7.49		8.58	8.83
60	Pipe	Pipe	4"	Sch80	8.56	7.49		8.36	8.45
65	Pipe	Pipe	4"	Sch80	8.56	7.49		8.31	8.66
70	Pipe	Pipe	4"	Sch80	8.56	7.49		8.60	9.05
75	Pipe	Elbow	4"	Sch80	8.56	7.49		8.16	8.28
80	Pipe	Pipe	4"	Sch80	8.56	7.49		8.63	9.06
85	Pipe	Elbow	4"	Sch80	8.56	7.49		8.82	9.19
90	Pipe	Elbow	3"	Sch80	7.62	6.67		7.77	7.95
95	Pipe	Elbow	3"	Sch80	7.62	6.67		7.63	7.92
100	Pipe	Elbow	3"	Sch80	7.62	6.67		7.67	8.03
105	Pipe	Pipe	3"	Sch80	7.62	6.67		7.13	7.30
110	Pipe	Elbow	3"	Sch80	7.62	6.67		7.48	7.62
115	Pipe	Tee Neck	3"	Sch80	7.62	6.67		6.63	9.03
120	Pipe	Tee Neck	3"	Sch80	7.62	6.67		7.50	9.76
125	Pipe	Elbow	3"	Sch80	7.62	6.67		7.50	7.72
130	Pipe	Pipe	3"	Sch80	7.62	6.67		7.43	7.88
135	Pipe	Cross	4"	Sch80	8.56	7.49		8.41	8.88
140	Pipe	Pipe	4"	Sch80	8.56	7.49		8.36	8.91
145	Pipe	Elbow	4"	Sch80	8.56	7.49		8.50	8.74
150	Pipe	Pipe	4"	Sch80	8.56	7.49		8.07	8.91
155	Pipe	Pipe	4"	Sch80	8.56	7.49		8.49	8.86
160	Pipe	Tee Neck	4"	Sch80	8.56	7.49		9.15	11.65
165	Pipe	Tee Neck	4" x 3"	Sch80	8.56	7.49		8.04	9.57
170	Pipe	Elbow	3"	XXS	15.24	13.34		15.08	15.26
175	Pipe	Pipe	4"	Sch80	8.56	7.49		8.30	8.81
180	Pipe	Elbow	4"	Sch80	8.56	7.49		8.17	8.68
		•	Н	IEAD & SHEI	L				
5	Head	Ellipsodial	108"	NS	12.70	11.10		15.95	16.06
10	Head	Ellipsodial	108"	NS	12.70	11.10		16.08	17.06
15	Head	Ellipsodial	108"	NS	12.70	11.10		16.50	17.10
20	Head	Ellipsodial	108"	NS	12.70	11.10		15.94	16.44
25	Head	Ellipsodial	108"	NS	12.70	11.10		15.95	16.07
30	Head	Ellipsodial	108"	NS	12.70	11.10		15.61	16.32
35	Head	Ellipsodial	108"	NS	12.70	11.10		16.06	16.97
40	Head	Ellipsodial	108"	NS	12.70	11.10		12.90	12.96
45	Shell	Cylindrical	108"	NS	12.70	11.10		12.86	12.97
50	Shell	Cylindrical	108"	NS	12.70	11.10		12.73	12.82
55	Shell	Cylindrical	108"	NS	12.70	11.10		12.74	12.93
60	Shell	Cylindrical	108"	NS	12.70	11.10		13.00	13.08
65	Shell	Cylindrical	108"	NS	12.70	11.10		13.25	13.64
ΔII flagg	ged thickeness	ses were verifi	ad as abo	ove the mi	nimum thi	kness red	ruired for		

All flagged thickenesses were verified as above the minimum thickness required for pressures up to 125 PSI.

API 570 #45288 Dwight Colp CCI