

VESSEL DATA SHEET

SHT 1 OF 2

CLIENT **Devon Canada**
 PROJECT **Ferrier Central Processing Facility (Job 5B1108)**
 FABR. SPEC **DEVON GS-3310**
 MANUFACTURER **5Blue Process Equipment Inc.**

REQ NO. **407014-00120**
 ITEM NO. **002-V-01-1610**
 SERVICE **Compressed Cardium Gas Separator**
 REGISTRATION NO.

DESIGN DATA

REGISTERED **Yes with CRN** PROVINCE OF **Alberta**
 OPERATE (internal) **703** kPag @ **13** °C
 OPERATE (external) **90** kPag @ **15 to 40** °C
 DESIGN (internal) **1,379** kPag @ **150** °C
 DESIGN (external) **Full Vacuum** kPag @ **150** °C
 MINIMUM DESIGN METAL TEMPERATURE (°C) **-45**

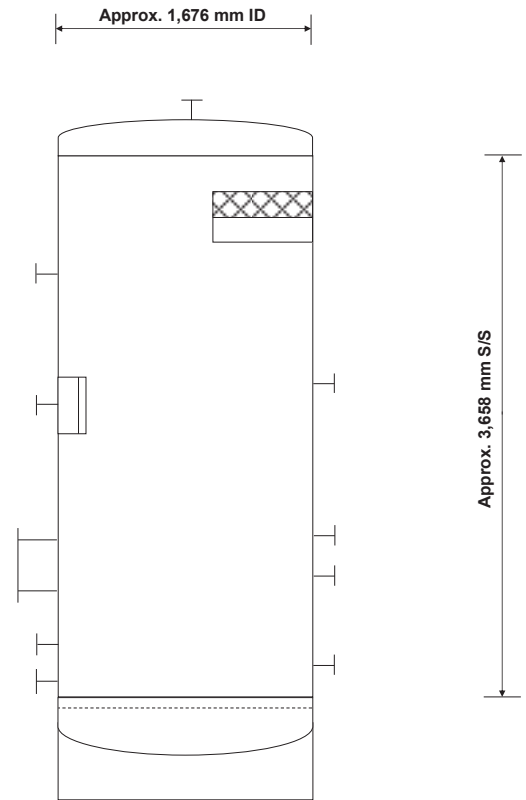
STRESS RELIEF **N/A** WHY
 RADIOGRAPHY **UW-11a** JOINT EFF SHELL (%) **100%** HEAD (%) **100%**
 WIND VELOCITY (km/h) **100** EARTHQUAKE ZONE **per NBC**

ALTITUDE (m) **1025** Barometric (kPaa) **90** SNOW LOAD (kg/m2) **Per NBC**
 AMBIENT TEMPERATURE (°C) **-40 / +35**

☒ ASME VIII DIV I ☐ ASME VIII DIV II
☒ SWEET SERVICE ☐ SOUR SERVICE
☐ HORIZONTAL ☒ VERTICAL

WEIGHT

LESS INTERNALS (kg) **4507** INTERNALS WT (kg) **600**
 OPERATING WT (kg) **6903** HYDROTEST WT (kg) **14,760**



FABRICATOR TO PROVIDE

☒ SKIRT & BASE RING	☐ SUPPORT GRID
☐ LEGS	☐ PIPE COIL
☐ SADDLES	☒ LIFTING LUGS
☒ PLATFORM CLIPS	☐ TAILING LUG
☒ PLATFORMS	☒ SAND BLASTING
☒ LADDER CLIPS	☒ EXTERNAL PAINTING
☒ LADDERS	☒ INTERNAL COATING
☒ INSULATION RINGS	☒ GROUND LUG (1) - 2"x3/8"FBx2"LG
☒ PIPE SUPPORT CLIPS	☒ INLET DIVERTER N1
☒ PIPE SUPPORTS	☐ SPECIAL NOZZLE BKR
☐ TOP DAVIT	☒ VORTEX BREAKER N4
☒ MANWAY DAVIT & RUNGS	☐ SYPHON DRAIN
☐ MANWAY HINGE	☒ STUDS & NUTS M1
☐ PAINTERS TROLLEY	☒ GASKETS M1
☐ TRAY SUPPORT RINGS	☒ BLIND FLANGES M1
☐ SEAL PAN SUPPORT	☐ INSULATION
☒ VANE PACK	☐ GLYCOL TRACING
☒ VANE PACK SUPPORT	☐ ELEC. HEAT TRACING
☐ DOWNCOMER SUPPORTS	
☐ ANCHOR BOLT CHAIRS	

CONNECTION SCHEDULE

MARK	SIZE	QTY	SERVICE	RATING	TYPE	MARK	SIZE	QTY	SERVICE	RATING	TYPE
N1	16"	1	Inlet	150#	RFHB	N11	2"	1	Spare	300#	RFLWN
N2	16"	1	Gas Outlet	150#	RFHB	N12	4"	2	Anode	150#	RFLWN
N3	4"	1	Liquid Outlet	150#	RFSCH160	N13	2"	1	Purge	300#	RFLWN
N4	2"	1	Drain	150#	RFSCH160						
N5	6"	1	PSV	150#	RFLWN	M1	20"	1	Manway	150#	RFHB
N6A/B	2"	2	LIT-1610	300#	RFLWN						
N7A/B	2"	2	LIT-1610B	300#	RFLWN						
N8	2"	1	PG-1610D/PIT-1610C	300#	RFLWN						
N9	2"	1	TIT/TE/TW-1610A	300#	RFLWN						
N10	2"	1	TG/TW-1610B	300#	RFLWN						

REMARKS: BALANCE OF INFORMATION TO BE PROVIDED BY VENDOR

1-1 VENDOR to confirm Vessel dims, nozzle sizes and quantities to meet Process guarantees.

1-2 See drawing number 5B1108-02-DR-20-001 to reference vessel tags.

Description	REV	DATE	MECH	PROC	CHKD	APPR
Inlet Separator	0					