



CJV#1881

48" OD x 15' 1440psi Sour 3 Phase Horizontal Separator Package

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Condition	Field Ready / Reconditioned 2020
Manufactured	Larsen & D'Amico 2000
Location	Halkirk, AB
Status	Disconnected
Registration	AB/BC/SK
Service	Sour
Phases	3 Phase, dressed 3
Vessel Connections	6" 600# Inlet & Outlet, 3" 600# Water & HC dump connections.
Meter Run	6" 600# CanAlta Dual Chamber
Instrumentation	Norriseal 1001A Level controllers, CVS E Series pressure control valves, SOR electric level switch, ROSEMOUNT 3051 pressure transmitters.
Electrical	ESD button, 2 AC interior lights & 1 AC exterior light. Electrical & Instrumentation all wired to JB's.
Building Dimensions	11'- 0" Wide x 22'-0" Long, Shed Style Roof, Two (2) 3'-0" x 7'-0" Steel Doors, Check Chain, Panic-Hardware, Lock and Weather-Stripping, One (1) Window c/w Screen, Two (2) Louvers c/w Screen.
Package Comments	Fuel gas scrubber and 2) 12x24 Cata-Dyne heaters.



Take a 3D walkthrough at <https://bit.ly/2ViHtSS>

Technical Description

1.0 VESSEL

<u>TAG #</u>	<u>QTY</u>	<u>DESCRIPTION</u>
V-100	1	<p>48" OD x 15'- 0" S/S x 1440 PSI MAWP HORIZONTAL VESSEL Manufactured in 2000 by Larsen & D'Amico Reconditioned in 2020 by CAPE Manufacturing CRN: L7688.213 A#: 454495 "U" Stamped 1/8" Corrosion Allowance 100°F Design Temperature M.D.M.T.-20°F @ 1440 Psig RT-1 PWHT Designed 3 Phase, Dressed 3 Phase</p>

VESSEL CONNECTIONS:

N1	Inlet	1	6" NPS	CL600 RFWN
N2	Gas Outlet	1	6" NPS	CL600 RFLWN
N3	Water Outlet	1	3" NPS	CL600 RFHB
N4	Oil Outlet	1	3" NPS	CL600 RFHB
N5	Drain	1	2" NPS	CL600 RFWN
N6 a/b	Level Cage	2	2" NPS	CL600 RFWN
N7	PSV	1	2 1/2" NPS	CL600 RFHB
N8 a/b	Bridle	2	2" NPS	CL600 RFWN
N9	PI	1	1 1/2" NPS	CL600 RFWN
N10	TI	1	1 1/2" NPS	CL600 RFWN
M1	Manway	1	20" NPS	CL600 RFHB c/w blind & Davit arm

2.0 INSTRUMENTATION

<u>TAG #</u>	<u>QTY</u>	<u>DESCRIPTION</u>
LC-1001/2	2	<p>NORRISEAL 1001A LEVEL CONTROLLERS Model# 1001A 2" NPT, Sour Service L.H. or R.H. Mount, Direct Snap Acting C/w 1-7/8" x 12" PVC Displacer</p>
LCV-1001/02 (Reconditioned)	2	<p>CVS E SERIES PRESSURE CONTROL VALVES 2" CL600 RF, LCC Body 316 SST Trim 657/667-40 or 45 Actuator, Fail Open or Closed Low Temp, STD as Nace Service</p>

LG-1001	1	<p>PENBERTHY OR EQUAL LEVEL GAUGE V.L. 7-7/8" ITM5 Transparent 3/4" NPT, 1750 Psi @ 100°F</p>
\ LG-1002	1	<p>PENBERTHY OR EQUAL LEVEL GAUGE V.L. 10-1/4" IRM7 Reflex 3/4" NPT, 2440 Psi @ 100°F</p>
FE-1000 (Reconditioned)	1	<p>CANALTA OR EQUAL SENIOR METER RUN 6" CL600 RF, Sch. 80, Nace Service Trim Built to AGA 2000 SPEC One (1) 1" CL3000 TOL and One (1) 3/4" CL3000 TOL Downstream 1 1/2 Hour Hydro Test, 100% X-Ray, PWHT, 118" OAL C/w CPA 50E Flanged Type Flow Conditioner</p>
FR/PR-1000	1	<p>BARTON MODEL 202E, 2 PEN FLOW RECORDER 5 Valve Manifold</p>
BPCV-1000 (Reconditioned)	1	<p>CVS E SERIES PRESSURE CONTROL VALVE 4" CL600 RF, LCC Body 316 SST trim 657/667-45 Actuator, Fail Open or Closed STD as Nace Service</p>
PSV-1000	1	<p>FARRIS PRESSURE RELIEF VALVE Model 2600 2-1/2" CL600 Inlet x 4" CL150 Outlet Nace Service Trim, WCB Body "J" Orifice.</p>
LSHH-1000	1	<p>SOR ELECTRIC LEVEL SWITCH Model 1510B 2" NPT 316SST Construction Snap Acting</p>
PIT-1000	1	<p>ROSEMOUNT 3051 PRESSURE TRANSMITTER Model# 30541TG5A2B21AC6TR 0 to 1000 Psig</p>
PIT-1001	1	<p>ROSEMOUNT 3051 PRESSURE TRANSMITTER Model# 30541TG4A2B21AC6 0 to 4000 Psig</p>
PI-1001	1	<p>WGI OR EQUAL PRESSURE GAUGE Silicone Filled 4" dia. Face x 1/2" NPT Bottom Mount End Connection SS Case and Internals 0 to 1,500 Psi Dual Scale</p>

TI-1000	1	TREND OR EQUAL TEMPERATURE GAUGE
TW-1000		1/2" NPT Back Connection 3" Dial, 9" Stem -40 to 240°F Range - Dual Scale C/w 1/2" FNPT x 3/4" MNPT x 9.25" OAL, 7.5" U, 316 SST Thermowell

4.0 SKID & BUILDING SPECIFICATIONS

<u>TAG #</u>	<u>QTY</u>	<u>DESCRIPTION</u>
SK-100	1	SKID BASE, 11'- 0" W X 22' L 3/16" Checker Plate Two (2) End Rolls, 2" Containment
B-100	1	SELF FRAMING BUILDING 11'- 0" Wide x 22'-0" Long Shed Style Roof Two (2) 3'-0" x 7'-0" Steel Doors, Check Chain, Panic-Hardware, Lock and Weather-Stripping One (1) Window c/w Screen Two (2) Louvers c/w Screen
BH- 1080/82/84	3	CATADYNE 12" x 24" MK BUILDING HEATERS Sweet Natural Gas 12 VDC Starting Element with 30' Cables C/w Grill, Vent Hood, Safety Shutoff, 912 Regulator, Maxitrol Regulator and Thermostat

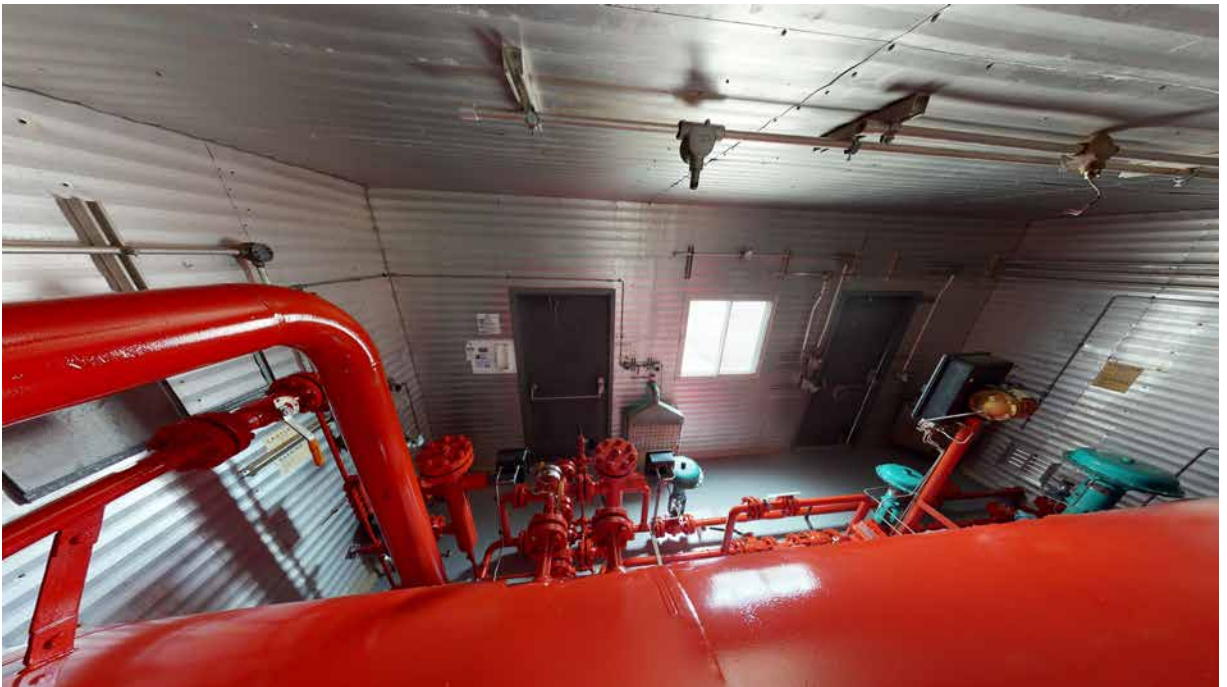
5.0 FUEL GAS SYSTEM

<u>TAG #</u>	<u>QTY</u>	<u>DESCRIPTION</u>
PI-1010	1	WGI OR EQUAL PRESSURE GAUGE Silicone Filled 4" dia. Face x 1/2" NPT Bottom Mount End Connection SS Case and Internals 0 to 200 Psi Dual Scale
PRV-1000	1	CVS OR EQUAL PRESSURE REGULATOR 1/4" FNPT Connections Sweet Service Trim 250 Psig MAWP 5 to 35 Spring Range
PRV-1001/2	2	BELLOFRAM OR EQUAL PRESSURE REGULATORS 1/4" FNPT Connections Sweet Service Trim 250 Psig MAWP 0 to 30 Spring Range

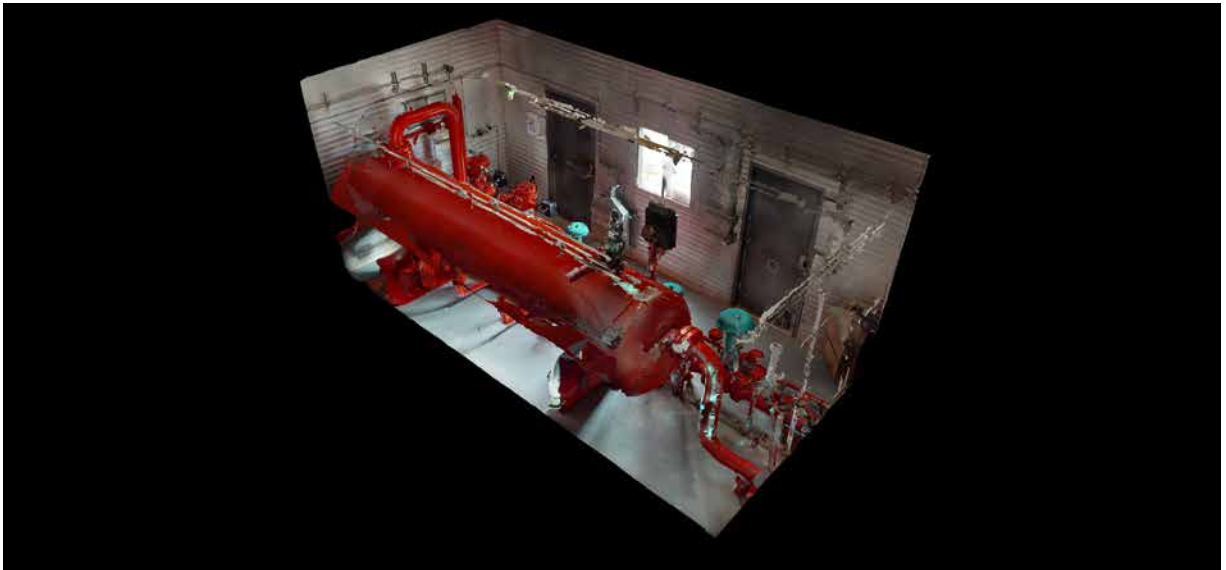
6.0 ELECTRICAL SYSTEM

Other electrical equipment is supplied and installed by others.









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