

A0491894 CONTACTOR DATA SHEET - MAR 2004

1060-04

Canadian Natural Resources Limited
Production - Facilities Engineering
A0491894 Dehydrator Contactor Pressure Vessel Data
Sheet

Content Date Range: 3/4/2004 to 3/4/2004

Vessel Integrity

Inspection Data

Open: 3/27/2007 Close:

CC+2 OP P



00781326

Vital: Yes
Original: Yes
Confidential: No

P.O. Box 2595, Stn. M
425 - 1st St. SW
CALGARY, Alberta
T2P 4V4
Phone: (403) 231-0111 Fax: (403) 231-0526

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Date:	Mar 4/04
File No.:	
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Dehy Contactor V-510

GENERAL INFORMATION

AREA: <u>Bucking Horse</u>	LOCATION (LSD): <u>d-44-A/94-G-10</u>
FACILITY: <u>Central Facility</u>	DATE: <u>March 4/04</u>
VESSEL NAME: <u>Absorder Dehy Contactor V-510</u>	
"A" NUMBER: <u>(A) 491894</u>	CRN Number: <u>R2338.21</u>
INTERNALLY COATED: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
STATUS: OPERATING <input type="checkbox"/> SHUT IN <input type="checkbox"/> SURPLUS <input type="checkbox"/> JUNK <input type="checkbox"/>	
MANWAY: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
OPERATING PRESSURE: <u>1410 psi</u>	SHELL: <u>1.375"</u>
DESIGN PRESSURE: <u>1410 psi</u>	TUBES:
	SHELL: <u>head THK: 1.438"</u>
	TUBES:
MANUFACTURER: <u>OpSCO Energy Industries</u>	SERIAL NUMBER: <u>02-3854-1</u> YEAR BUILT: <u>2003</u>
SIZE: (ID X LENGTH): <u>914mm x 7952mm</u>	HEAT TREATED: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>

PSV DATA

MANUFACTURER: <u>Ferris Press. MGMT.</u>	SIZE: <u>2H3</u>
MODEL #: <u>26906X13</u>	CRN #:
SERIAL #: <u>452734-1-A10</u>	CAPACITY: <u>21497 SCFM Air</u>
SET DATE: <u>03/03</u>	SET PRESSURE: <u>1410 psig</u>
ANADARKO TAG #: <u>PSV-5100</u>	

SERVICE CONDITIONS (CHECK ALL THAT APPLY)

STEAM <input type="checkbox"/>	SWEET GLYCOL <input type="checkbox"/>	SOUR GLYCOL <input type="checkbox"/>
AIR <input type="checkbox"/>	SWEET GAS <input type="checkbox"/>	SOUR GAS <input checked="" type="checkbox"/>
LEAN AMINE <input type="checkbox"/>	SWEET CONDENSATE <input type="checkbox"/>	SOUR CONDENSATE <input type="checkbox"/>
RICH AMINE <input type="checkbox"/>	SWEET OIL <input type="checkbox"/>	SOUR OIL <input type="checkbox"/>
NITROGEN <input type="checkbox"/>	LPG <input type="checkbox"/>	CARBON DIOXIDE <input type="checkbox"/>

CERTIFIED BY
DRAGON ENERGY
INDUSTRIES LTD.

CALGARY, ALBERTA, CAN.

M.A.W.P. 1410 P.S.I. AT 150 °F

M.D.M.T. -19 °F AT 1410 P.S.I.

SERIAL # 02-3854-1 YEAR BUILT 2003

C.R.N. R23 38.21 TAG # ~~V-206~~

W VESSEL TYPE: ABSORBER C.A. .125^{III}

RT 1 SH. WT.: 1.375^{II}

HT HD. WT.: 1.438^{II} MIN.

TAG V-510

PROV. REG. (A) 491894

FARRIS ENGINEERING
DIV. OF CURTISS - WRIGHT - F.C.C.
BRECKSVILLE, OHIO USA



TYPE 26HA13-120 SE-23313-1 3/05

SIZE AND ORIFICE 2 H 3 SET PRESS 1410 PSIG

BACK PRESSURE 70 PSIG

COLD DIFF. TEST PRESSURE 1410 PSIG

CAPACITY AT 10% OVER PRESSURE 2149 SCFM AIR 002359

SERIAL 452734-1-A10 TAG 3854S-PS7-3017

ASN BY: FARRIS PRESS. MGMT. CANADA

26906X13

DALCO INSTRUMENT & MEASUREMENT SERVICES (2000) LTD.

10123 - 95TH AVE. FORT ST. JOHN, BC, V1J 1H9
 Phone 250-785-4374 Fax 250-785-4550

4056

RELIEF VALVE REPORT

CUSTOMER: ANADARUKO TICKET # 42452 DATE MAR 10/04
 LOCATION D-44-A/94-C-10 CONTACTOR: _____ CUSTOMER TAG RSV-5100
 APP: steam natgas liq air
 ** PREPOP: no LEAK TEST yes / no
 SET PRESSURE CHANGE: yes / no NEW PRESSURE _____ psig / kpag
 SET PRESSURE CHANGE AUTHORIZATION SIGNATURE _____
 OTHER INSTRUCTIONS: _____

VALVE DATA

MAKE: Farris MODEL: 26HAT3-120 S/N: SE-23313-1
452734-1-A10
 SET PRESS: 1410 psig kpag BACK PRESS _____ psig kpag
 ** SIZE: INLET 2" OUTLET 3" top / thrd ORIFICE SIZE H
 CAPACITY: 21497 SCFM M3 GPM LPM AT STD. TEMP. _____
 COLD/DIFF. SET PRESS: _____ psi kpa AT TEMP _____ °F/°C
 ASME STAMP: V, HV, NC, CRN# FC2369.0C
 INSPECTION NAME PLATE: yes / no SEALED: yes / no SET POINT DEFINITION NB18 pap
 VALVE BONNET: good / fair / poor VALVE BODY: good / fair / poor
 INLET: dirty / clean OUTLET: dirty / clean

PRETEST

SIMMER 1380 psig / kpag FULL LIFT: 1410 psig / kpag
 RESET 1300 psig / kpag SEAT TIGHTNESS: yes / no
 LEAK RATE @ 90% / or: 7 BPM

DISASSEMBLY & INSPECTION

(Comments on condition of parts, evidence of weld repairs)

Item	Clean	Rusty	Oily	Scored	Dented	Corroded	Other	Repair	Replace	OK	Comments
Body										<input checked="" type="checkbox"/>	
Cap/Lever											
Spring Adj											
Spring											
Spindle											
Nozzle											
Disc											
Guide											
Adj. Rings											
Ring Pins											
Flge/Thrd											
Gaskets											
Other											

COMMENTS

FINAL TESTING AND SETTING

TEST MEDIUM: air, liq, other
 SIMMER _____ psig / kpag FULL LIFT _____ psig / kpag
 RESET _____ psig / kpag BLOWDOWN NOTCHES _____ UPPER LOWER
 SET PRESSURE 1410 psig / kpag COLDSET PRESSURE _____ psig / kpag
 CAPACITY: 21497 SCFM M3 GPM LPM OTHER _____ @ 15°C
 BACK PRESSURE TEST: yes / no LEAK TEST _____ % OF SET _____ BPM / or:
 SEAL INSTALLED TOP BOTTOM OPENING PROTECTED
 COMMENTS: _____

SIGNATURES: #1 KT #2 OM #3 _____