



225740

QR7

INSPECTION AND TEST REPORT - PSV / PRV

Customer: CNRL

Location: BRIGHTVIEW COMP. STAT.

Date: 01.09.24

SO#: 52-15189 5 OF 14

CST Tag #: DEHYTOWER

PCI ID: P16911

CUST PO#:

Customer Instructions: REPAIR RUSH

Contact:

Requested Completion Date: ?

LSD: 01-11-46-27W4

Phone:

Make: CONSOLIDATED Model: 1997C1

S/N: 86C1395

Shop #

CRN#: 0183252

Size: 1.5 in Or 2 Out Ends: RF RTJ Clamp Screwed FF Cap Assy: Open Closed Lift Lever
Visual Condition: Good Fair Poor Fouling Dirty Plugged New Sample Taken: Inlet Outlet None

Seal Condition: Top: ACC Bottom: Insignia: YSL Last Service Date: Data Plate Condition: REPLACE

Op. Temp.: 110 F Capacity: 10693 SCEM/AIR Code Symbol: V UV HV None Other

Set Press.: 1440 psig 9929 kpag Back Press.: psig kpag Cold Diff. Set: psig kpag Adj. Screw Meas. 1.720

Set Pressure: psig kpag Leakage BPM @90%: Testing Medium: No Reset: psig kpag

Comments: Relieve Press.: psig kpag Rescat Press.: psig kpag

LABOUR:

Table with 3 columns: ITEM, DESCRIPTION, REASSEMBLY: DC. Contains 31 items related to Reconditioning & Test, Priority Rate, Certification Test Only, Pre Pop Test, Back Pressure Test, Bellows Test, Cap Assembly, Adjusting Screw / Nut, Bonnet, Spring / Number, Spring Buttons, Spindle / Stem, Stem Retainer, Guide, Bellows, Ring Pin, Blowdown Ring(s), Disc Holder, Disc, Nozzle, Ball Keeper, Keeper Seal, Ball, Ball / Seat Assembly, Seat Frame, Body, Gaskets, Machine Body RF's, Lap Nozzle to Base, Sub Contractor.

MATERIAL:

Table with 7 columns: SEVERITY, ACCEPTABLE, REPAIR, MACHINES, LAP / POLISH, NETWORK, QTY, ITEM, DESCRIPTION, QTY, PCI P.O. #. Contains 62 items including Cap Assembly, Lift Lever, Bonnet, Spring / Number, Spindle / Stem, Stem Retainer, Guide, Bellows, Ring Pin, Blowdown Ring, Disc Holder, Disc, Nozzle, Ball Keeper, Keeper Seal, Ball, Ball / Seat Assembly, Seat Frame, Body, Gasket Set, Shop Supplies, Hazardous Waste Disposal.

Additional: Cleaning Lapping Nozzle Lapping Disc Lapping Disc Pipe Fitting for Reassembly & Test Recommended Replacements

MEASMT. DATA

Table with 2 columns: Min. Man. Specified Dimensions, Dimensions As Found. Includes Disc Ht. (0.6150), Step (0.0100), Nozzle Ht. (0.3600), Step (0.0230), Disc Ht. (0.6260), Step (0.0230), Nozzle Ht. (0.3650), Step.

TEST DATA

Definition Of Set Point: POP
Set Pressure-Change: Yes No
Set Pressure: 1440 psig 9929 kpag
Back Pressure: psig kpag
Cold Diff. Set: psig kpag
Bellows Test @: psig kpag
Back Press. Test: 100 psig
Leakage @ 90%: 10 BPM (Ref. API 527)
Capacity: 10693 SCEM/AIR
Ring Setting: Upper: Lower: +5
Set Using: Air Steam H2O Air / H2O
Non Code Repair QR018B Item #:
Appearance Tagging
Ends Covered Tagging
Packing Slip EDM-155
Lock Nut Secured
Ring Pin Torqued
Lift Lever Assy Secured
Date: 01.09.24
Tested By: ML
Witness: GB
Final Inspection: ED

Client	Canadian Natural Resources			Date of Insp.		April 28, 1999	
Prov. Reg.#	225740			Location		Brightview	
Equipment	Glycol Contactor			LSD		1-11-46-27W4	
Tag/Equip. #				Comp./Unit #			
Vessel Status	In Operation			Job #		99-130	
Fabricator	Alco			Serial #		86C3578	
CRN#	F8555.2			Shell Mat'l		Shell Thick	
Corr All	1.58mm			Head Mat'l		Head Thick	
Diameter	914mm			Length		8334mm	
Year Built	1986			Next Insp.		2003	
Service	Sweet			Manway		No	
PSV #				Height		RT	
Mfg.	Consolidated			Serial #		86C1395	
Type/Model	1997C1			Capacity		10693 SCFM	
Date of Service	96/06			Next Service		2000	
				Insp. Type		VE/V/UT	
				Coating		No	
				MAWP/Temp		1440 psi/130F	
				Shell Thick		44mm	
				Head Thick		43.9mm	
				RT		1	
				HT		Yes	
				VE/V/UT			
				Coating		No	

Observations:

- External No evidence of corrosion, in good condition.
- Internal Limited access through 1" diameter open plug, minor rust but no evidence of corrosion problems where seen..

UT Inspection (measurements in mm)

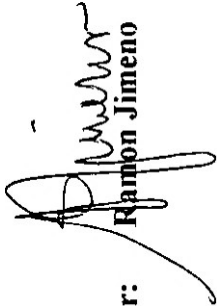
Test Point	A	B	C	D
1	46.69	46.28	46.12	46.67
2	44.56	44.59	44.60	44.58
3	44.63	44.66	44.90	44.84
4	44.51	44.52	44.36	44.57

RAE Inspection Service (1979) Ltd.
#111, 4808 - 87 Street, Edmonton, Alberta T6E 5W3
Phone: (780) 469-2401 Fax: (780) 468-2422

Field Inspection Report

Recommendations:

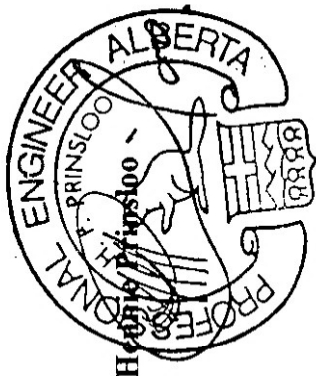
1. Next outage clean and open (access flanges/plugs) for internal inspection.

Inspector: 
Ramon Jimeno

AB-40 to be attached

Chief Inspector:

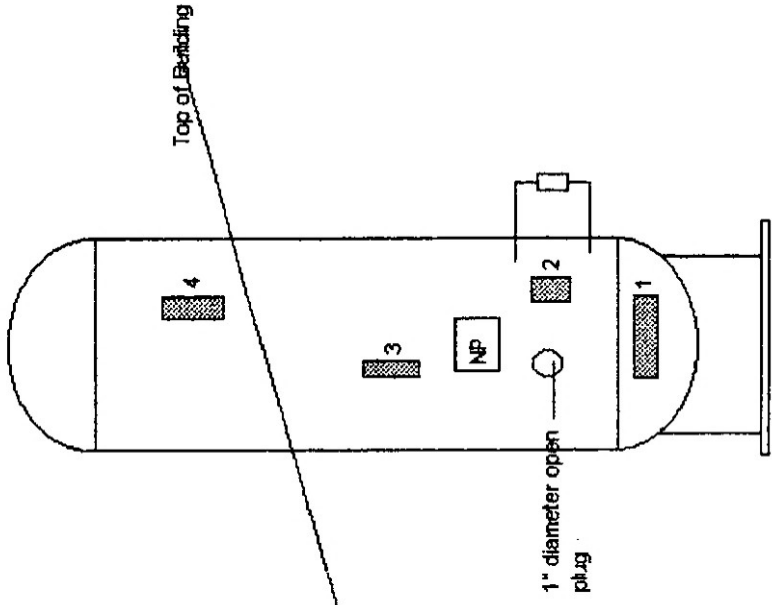
Heath



RAE Inspection Service (1979) Ltd.
 #111, 4808 - 87 Street, Edmonton, Alberta T6E 5W3
 Phone: (780) 469-2401 Fax: (780) 468-2422

Vessel Drawing

Client	Canadian Natural Resources	Location	Brightview Plant
Prov. Reg.#	225740	LSD	1-11-46-27W4
Equipment	Glycol Contactor		
Diameter	914 mm	SA-516-70N	Shell Thickness 44mm
Length/Height	8534 mm	SA-516-70N	Head Thickness 43.9mm



A225740

FORM U-4 MANUFACTURER'S DATA REPORT SUPPLEMENTARY SHEET
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

1. Manufactured and certified by: ALCO GAS & OIL PROD. EQUIP. LTD. 7415-53 Ave., Edmonton, Alberta T6C 4G3
(Name and address of manufacturer)

2. Manufactured for: SOQUIP ALBERTA INC. 13Flr. 736 - 6 Ave., S.W., Calgary, Alberta
(Name and address of purchaser)

3. Location of installation: 1-11-46-27 W4M
(Name and address)

4. Type: Vert 86C-3578-01 F-6555.2 A-10238 1986
(Type, size, class, etc.) (Part or serial no.) (Code) (Year built)

Data Report Item Number	Remarks
L.C. Oil	1 2" TOL SA-105 6000# Welded Shell
L.G. Water w/plug	2 3/4" TOL SA-105 6000# Welded Shell
Glycol Inlet	1 1" TOL SA-105 6000# Welded Shell
Glycol Outlet	1 1" TOL SA-105 6000# Welded Shell
Syphon Drain w/plug	1 1" CPLG SA-105 6000# Welded Shell
Oil Outlet	1 1/2" TOL SA-105 6000# Welded Shell
PI	1 3/4" TOL SA-105 6000# Welded Shell
TI	1 2" TOL SA-105 6000# Welded Shell
FLSD	1 2" TOL SA-105 6000# Welded Shell
Heating Coil	2 1" CPLG SA-105 6000# Welded Shell
Chimney Tray Drain w/plug	1 1" TOL SA-105 6000# Welded Shell
Tray Drains w/plugs	8 3/4" TOL SA-105 6000# Welded Shell
LG Oil	2 3/4" TOL SA-105 6000# Welded Shell
PSV	1 1 1/2" TOL SA-105 6000# Welded Shell
Inspection w/blind	2 6"RFMN 600# SA-105 XXH SA-516070 xl" Welded Shell

Date April 29/86 Co. name Alco Gas & Oil Prod. Equip. signed Alberta
(Manufacturer)

Date Sept 29/76 signed R. Hayes Commissioned Alberta
(Inspector)

This form (E00118) is available from the Order Dept., ASME, 345 E. 47 St., New York, N.Y. 10017

EXHIBIT #1

SCEPTRE RESOURCES LIMITED
VESSEL INSPECTION REPORT

REVISION NO:
DATE: May 10, 1994

VESSEL NAME 1-11 Deby Contactor LSD
LOCATION Brightview Plant COMP EQ NO
PROV "A" NO 225740 CRN NO F8555.2 YEAR BUILT 1986
LAST INSPECTION DATE (Method I/E) 1986 NEXT INSP DATE
MAX WORKING PRESSURE 1400 psi DESIGN TEMP
DIAMETER 914 mm LENGTH/HEIGHT

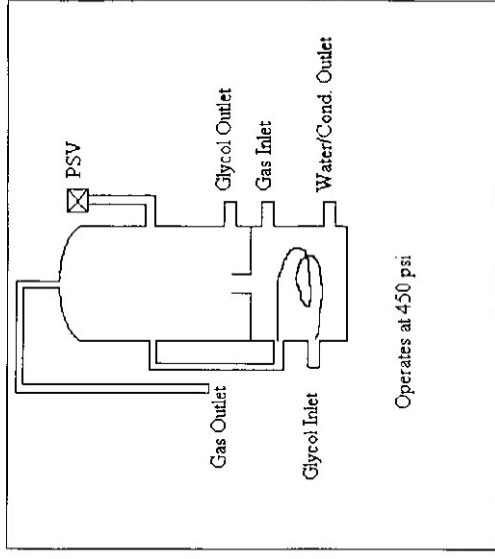
COST CENTRE ODV001
FABRICATOR Alco
SERIAL NO 86C 3578 01
INSP. FREQUENCY 10 YRS
SUBJECT TO FEES yes

THICKNESS MATERIAL
SHELL 44 mm SA516-70N
HEAD 43.9 mm SA516-70N

H2S YES OIL
NO GAS
MANWAYS YES STEAM
NO WATER
INSULATION YES AIR
NO NGL
OTHER GLYCOL

CORR. ALLOW

SKETCH



INSPECTION COMMENTS:
Inspection methods, metal loss, coatings/fittings, internal parts, anodes
scales/sludge, method of cleaning, tubes, etc

No inspection done as of yet.
Tower circulated with diesel or reformatte annually turnaround.
PSV done every 2 years.

PRESSURE SAFETY VALVES

LOCATION	MANU. MODEL/SN	SET PRESS	SEAL Y/N	CRN	CAP	DATE TESTED	SERVICE BY	NEXT SERVICE DATE
1. Separator	Consolidated 86C1395	1400 psi	yes		30082	May 1992	Valseal	1996
2.								
3.								

SUITABLE FOR SERVICE YES NO
BLOCK VALVES OPEN & LOCKED Y/N

Field Inspector: Tom Roth
Signature: Tom Roth
Chief Inspector Sign: _____

EXHIBIT #1

NW

SCEPTRE RESOURCES LIMITED
VESSEL INSPECTION REPORT

REVISION NO:
DATE:

May 10/94

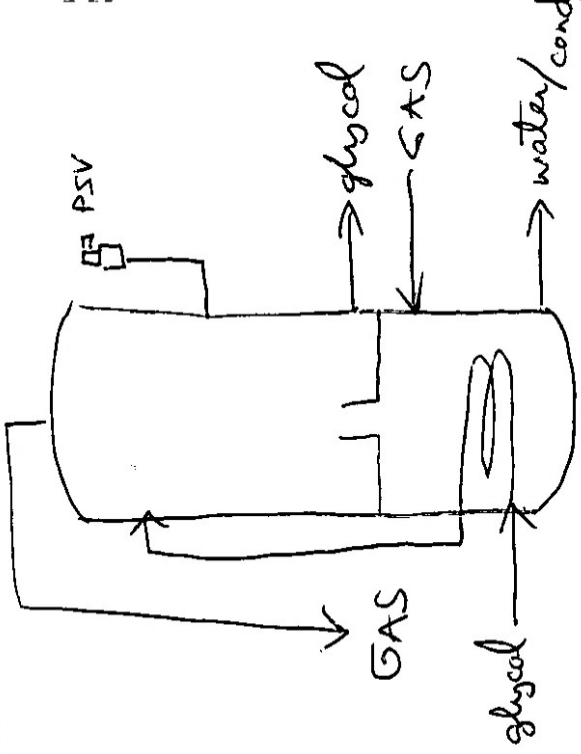
VESSEL NAME: 1-11 Oehy Contactor
 LOCATION: Brightonview Plant
 VESSEL "A" NO.: 225 740
 CNR NO.: F8555-2
 INSPECTION DATE (Method 1E): 1986
 MAX WORKING PRESS: 1440 psi
 DESIGN TEMP: 130°F
 DIAMETER: 914 mm
 LENGTH/HEIGHT: 8534 mm/SS

LSD: 1-11-46-27w4
 COMP E.Q. NO.:
 FABRICATOR: ALCO
 SERIAL NO.: 86C 3578 01
 INSP. FREQUENCY: 10 yrs

THICKNESS: SHELL 44 mm, HEAD 43.9 mm
 MATERIAL: SA516.70N
 CORR. ALLOW: 11

	YES	NO	OIL	GAS	STEAM	WATER	AIR	NGL	OTHER
H2S	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> glycol
MANWAYS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
INSULATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

SKETCH



- operates at 450 psi

INJECTION COMMENT:

Inspection methods, metal loss, coatings/linings, internal parts, anodes, scale/sludge, method of cleaning tubes, etc.

No inspection done as of yet
 Tower circulated with diesel
 or reformate annually
 Transformed
 PSV done every 2 years

PRESSURE SAFETY VALVES

LOCATION	MANU. MODEL/S/N	SET PRESS	CAP	CRN	SEALED	DATE TESTED	SERVICE BY	NEXT SERV. DATE
1. Sep.	Consolidated	1440 psi	30002?		yes	5/92	Valsead	96.7
2.	86C1395							

SUITABLE FOR SERVICE Yes No

Field Inspector:

Signature:

Chief Inspector Signi:

Tom Roth
 Tom Roth

FORM U - MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS
 (Alternative Form for Single Chamber, Completely Shop-Fabricated Vessels Only)
 As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

A 225740

1. Manufactured and certified by ALCO GAS & OIL PROD. EQUIP. LTD. 7415-53 Ave., Edmonton, Alberta T6C 4G3

2. Manufactured for SOQUIP ALBERTA INC. 736 - 6 Ave., SW Calgary, Alberta

3. Location of installation 1-11-46-27 W4M

4. Type Vert No. 86C-3578-01 F-8555-2 A-10238 1986

5. The chemical and physical properties of all parts meet the requirements of material specifications of the ASME BOILER AND PRESSURE VESSEL CODE. The design, construction, and workmanship conform to ASME Rules, Section VIII, Division 1, 1983.

6. Shell: Winter - 85
SA-516-70N 1 3/4" (44mm) 1/16" (1.58mm) 36" ID (914mm) 28°-0" S/A (85.34mm)

7. Seams: Welded-DBL Full 100% 1100 1 3/4 Welded-Butt Full 3

8. Heads: (a) Shell: SA-516-70N (b) Mast: SA-516-70H

Location of Corrosion Emb	Minimum Thickness	Corrosion Allowance	Design Thickness	Actual Thickness	Number of Tests	Result of Tests	Designation of Material	Heat Treatment	Notes on Properties of Corrosion Products
Top	43.2mm	1.6mm	44.8mm	43.2mm	2-1				Concave
Bottom	43.2mm	1.6mm	44.8mm	43.2mm	2-1				Concave

If removable, bolts used (describe other fastenings):

9. MAW? 1440 Min. temp. (when less than -20°F) all at max. temp. 130 of 2160 psi.
 F. Hydro, renew, or comb. test pressure

10. Nozzles, inspection and safety valve openings:

Particulars	No.	Design	Size	Material	Designation	Notes
Gas Inlet	1	6"RFWP	600#	SA-105	SCH-XXHLSA-516-70-1"	Welded Shell
Gas Outlet	1	6"RFWN	600#	SA-105	SCH-XXHLSA-516-70-1"	Welded Top Head
Drain	1	2"RFWN	600#	SA-105	SCH-160	Welded Bott. Head
L.C. (Water)	1	2"	TOL	SA-105	6000#	Welded Shell

11. Support: Skill: Yes Lug: Yes Other: Left Attached Welded to Bottom Head

12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report:

3 PH Glycol Contactor Capacity 5.8 cu m
D.P. 9928 kPa @ 54°C Hydrostatic Test 14893 kPa

CERTIFICATE OF SHOP 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 Code for Pressure Vessels, Section VIII, Division 1. "U" Certificate of Authorization No. 14280 expires Oct. 24, 1986.
 Date Sept 29, 1986 Co. name Alco Gas & Oil Prod. Equip. Ltd. Signed [Signature]

Vessel constructed by Alco Gas & Oil Prod. Equip. Ltd. Edmonton
 and employed by Province of Alberta
 and inspected the component described in this Manufacturer's Data Report on Sept 29, 1986, and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME Code, Section VIII, Division 1. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his 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.
 Date Sept 29, 1986 Signed [Signature] Alberta Commissions

This form (E00117) may be obtained from the Order Dept., ASME, 245 E. 47th St., New York, N.Y. 10017

FORM U - MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS
 (Alternative Form for Single Chamber, Completely Shop-Fabricated Vessels Only)
 As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

① 225740

1. Manufactured and certified by ALCO GAS & OIL PROD. EQUIP. LTD. 7415-53 Ave., Edmonton, Alberta T6C 4G3

2. Manufactured for SOQUIP ALBERTA INC. 736 - 6 Ave., SW Calgary, Alberta

3. Location of installation I-11-46-27 W4M

4. Type Vert 85C-3578-01 F-8555-2 A-10238 1986

5. The chemical and physical properties of all parts meet the requirements of material specifications of the ASME BOILER AND PRESSURE VESSEL CODE. The design, construction, and workmanship conform to ASME Rules, Section VIII, Division 1 1983.

6. Shell: SA-516-70N 1 3/4" (44mm) 11/16" (1.58mm) 36" ID (914mm) 28'-0" S/S (8534mm)

7. Seams: Welded-DBL Full 100% 1100 1 3/4 Welded-Butt Full 3

8. Heads: (a) Matl. SA-516-70N (b) Matl. SA-516-70N

Location (Top or Bottom End)	Maximum Thickness	Minimum Thickness	Stress Ratio	Number of Radiography Tests	Acceptance Criteria	Number of Radiography Tests	Acceptance Criteria	Surface Preparation	Surface Finish
Top	43.3mm	41.6mm	2-1	2-1					Concave
Bottom	43.3mm	41.6mm	2-1	2-1					Concave

(If removable, bolts used (describe other fastenings))

9. MAWP 1440 psi of max. temp. 130 °F
 Min. temp. (when less than +20°F) 2160

10. Nozzle, inspection and safety valve opening:

Particulars	No.	Design	Type	Size	Material	Attachment	Method	Location
Gas Inlet	1	6" RFWN	600#	SA-105	SCH-XXH SA-516-70 1"	Welded	Shell	Shell
Gas Outlet	1	6" RFWN	600#	SA-105	SCH-XXH SA-516-70 1"	Welded	Top Head	Top Head
Drain	1	2" RFWN	600#	SA-105	SCH-160	Welded	Bottom	Bottom
L.C. (Water)	1	2"	10L	SA-105	6000#	Welded	Shell	Shell

11. Supports: Skirt Yes Legs Yes Other Attached Welded to Bottom Head

12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report:

3 PH Glycol Contactor Capacity 5.8 cu m
D.P. 9928 KPA @ 54°C Hydrostatic Test 14893 KPA

CERTIFICATE OF SHOP 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 Code for Pressure Vessels, Section VIII, Division 1. "U" Certificate of Authorization No. 14250 expires Oct. 24 1986
 Date Sept 29 1985 Co. name ALCO GAS & OIL PROD. EQUIP. LTD.

Vessel constructed by ALCO GAS & OIL PROD. EQUIP. LTD. at Edmonton
 It, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of Alberta

and employed by Province of Alberta on Sept 29 1985
 have inspected the component described in this manufacturer's Data Report on Sept 29 1985 and state that, to the best of my knowledge and belief, the manufacturer has constructed this pressure vessel in accordance with ASME Code, Section VIII, Division 1. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this manufacturer's Data Report. Furthermore, neither the inspector nor his 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.

Date Sept 29 1985 Signed A Hayes Commission Alberta

A225740

FORM U-4 MANUFACTURER'S DATA REPORT SUPPLEMENTARY SHEET
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1


1. Manufactured and certified by ALCO GAS & OIL PROD. EQUIP. LTD. 7415-53 Ave., Edmonton, Alberta T6C 4G3

2. Manufactured for SOQUIP ALBERTA INC. 13Flr. 736 - 6 Ave., S.W., Calgary, Alberta

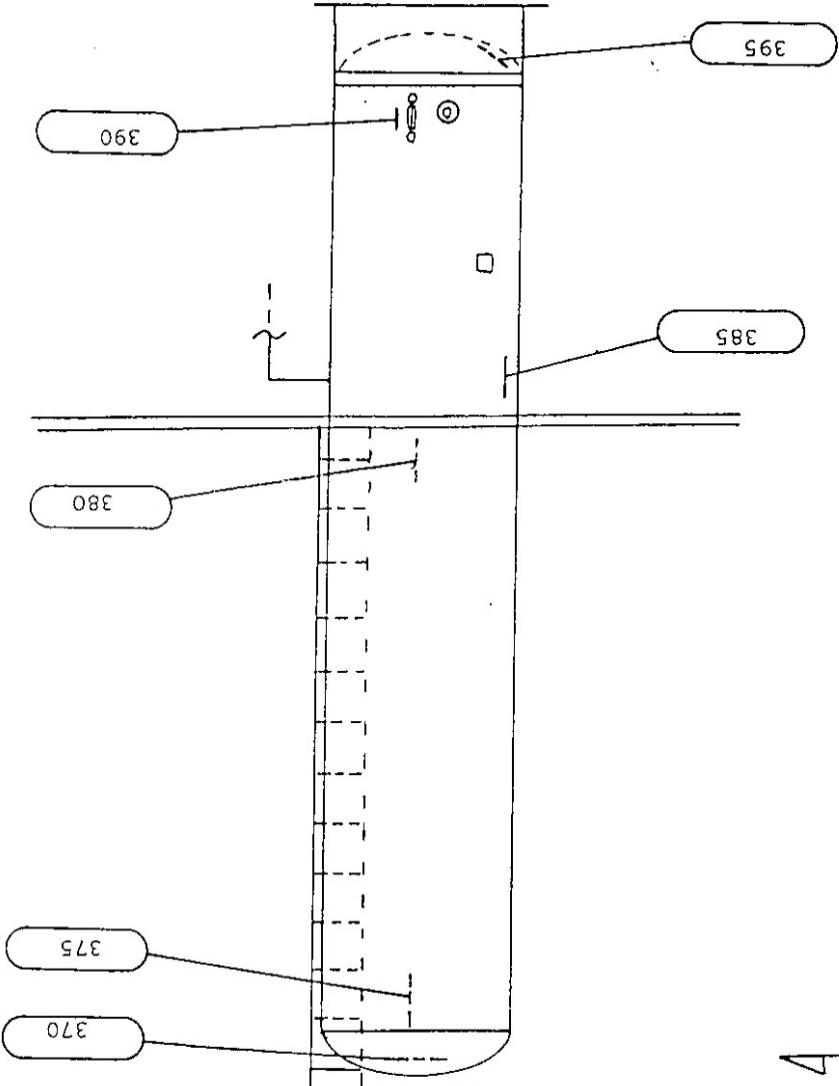
3. Location of installation I-11-46-27 W4H

4. Type Vert (Name of vessel, tank, etc.) 86C-3578-01 F-8555.2 (Code) A-10238 (Date) 1986 (Year built)

Date Report Item Number	Description		Quantity	Material	Remarks
	1	2" TOL SA-105	6000#		Welded Shell
	2	3/4" TOL SA-105	6000#		Welded Shell
	1	1" TOL SA-105	6000#		Welded Shell
	1	1" TOL SA-105	6000#		Welded Shell
	1	1" CPLG SA-105	6000#		Welded Shell
	1	1" TOL SA-105	6000#		Welded Shell
	1	3/4" TOL SA-105	6000#		Welded Shell
	1	2" TOL SA-105	6000#		Welded Shell
	2	1" CPLG SA-105	6000#		Welded Shell
	1	1" TOL SA-105	6000#		Welded Shell
	8	3" TOL SA-105	6000#		Welded Shell
	2	3/4" TOL SA-105	6000#		Welded Shell
	1	1 1/2" TOL SA-105	6000#		Welded Shell
	2	6"RFWN 600# SA-105	XXH SA-516070 x1"		Welded Shell

Date Sept 29 1986 Co. name Alco Gas & Oil Prod. Equip. Ltd. signed  (Manufacturer)
 Date Sept 29 1986 signed L. Hayes (Inspector)
 Date Sept 29 1986 signed Alberta (Commissions) (Your Board must incorporate this date, time, and place)

CANADA INSPECTION ASSOCIATES



ITEM	SPECIFICATION	INSTALL DATE	NOMINAL THK.	MINIMUM OPERAT. THK.
370	HEAD	1986	43.9	
375	SHELL	1986	44.0	
380	SHELL	1986	44.0	
385	SHELL	1986	44.0	
390	SHELL	1986	44.0	
395	HEAD	1986	43.9	

EQUIPMENT DATA:

PLANT EQUIP. NO.: CRN E0555.2

PROV. REG. NO.: A225740

NOMINAL THK.: Head: 43.9

Shell: 44.0

CORROSION ALLOW.: Channel:

DESIGN OPERATING

PRESSURE: 1440 PSI

TEMPERATURE: 130 F

SERVICE:

SCEPTRE RESOURCES LIMITED

BRIGHTVIEW PLANT 1-11

GLYCOL CONTACTOR

BY: R. Gernsheid

DATE: June 1996

DRAWING:

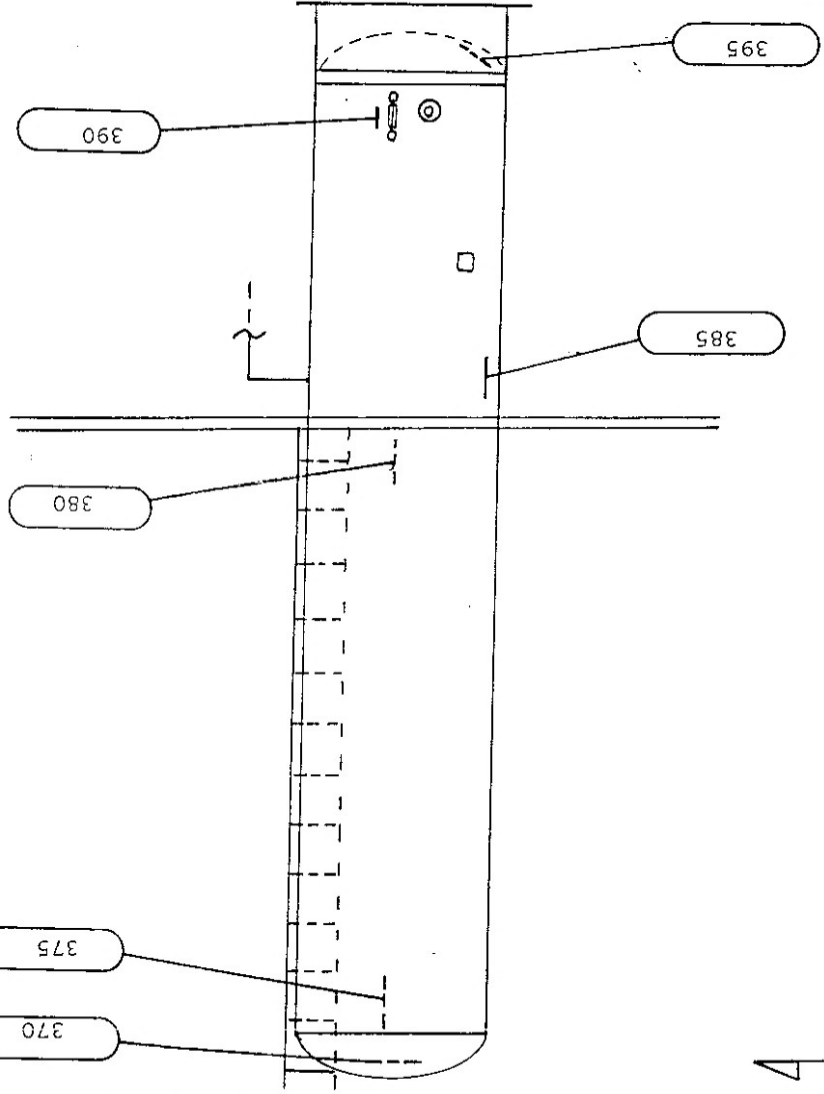
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CANADA INSPECTION ASSOCIATES

Date	Point	Readings	Nom. Min.	Remarks
1996	370	43.7 43.5 43.9 43.8 43.7	43.9	
1996	375	45.2 45.2 45.0 45.1 45.2	44.0	
1996	380	44.6 44.4 44.4 44.3 44.5	44.0	
1996	385	44.8 44.7 44.7 44.8 45.0	44.0	
1996	390	44.5 44.4 44.5 44.6 44.5	44.0	
1996	395	44.3 44.4 44.0 44.6	43.9	

Prov. Reg. No. A2257AD
 Nominal Thickness: Head: 43.9
 Channel: Shell: 44.0
 Corr. Allow.
 Design Pressure: 9928 KPA
 Design Temp: 130 F
 Service:
 Location
 Date
 Date
 Plant Equip No. CRN FB555.2
 Built: 1986
 Customer: SEPTRE RESOURCES LIMITED
 Plant: BRIGHVIEW PLANT
 Sections: BRIGHVIEW I-11
 Description: GLYCOL CONTACTOR
 Drawing: 23

CANADA INSPECTION ASSOCIATES



ITEM	SPECIFICATION	INSTALL DATE	NOMINAL THK	MINIMUM OPERAT THK
------	---------------	--------------	-------------	--------------------

370	HEAD	1986	43.9	
375	SHELL	1986	44.0	
380	SHELL	1986	44.0	
385	SHELL	1986	44.0	
390	SHELL	1986	44.0	
395	HEAD	1986	43.9	

EQUIPMENT DATA:

PLANT EQUIP. NO.: CRN 8855.2
 PROV. REG. NO.: A225740
 NOMINAL THK: Head: 43.9 Shell: 44.0
 CORROSION ALLOW.: Channel
 DESIGN: OPERATING
 PRESSURE: 1440 PSI
 TEMPERATURE: 130 F
 SERVICE:

SCEPTRE RESOURCES LIMITED

BRIGHTVIEW PLANT 1-11

GLYCOL CONTACTOR

BY: R.Germsheld

DATE: June 1996

DRAWING:

23

CANADA INSPECTION ASSOCIATES

Date Point ----- Readings ----- Nom. Min. Remarks

1996	370	43.7	43.5	43.9	43.8	43.8	43.7	43.9
1996	375	45.2	45.2	45.0	45.1	45.2	45.1	44.0
1996	380	44.6	44.4	44.4	44.3	44.6	44.5	44.0
1996	385	44.8	44.7	44.7	44.7	44.8	44.7	44.0
1996	390	44.5	44.4	44.5	44.6	44.5	44.6	44.0
1996	395	44.3	44.4	44.0	44.0	44.6	44.3	43.9

Prov. Reg. No. A225740

Nominal Thickness:

Head: 43.9

Shell: 44.0

Channel:

Corr. Allow.

PSV Data:

Set

Date

Location

Description: GLYCOL CONTACTOR
Drawing: 23

Service:

Design Temp: 130 F

Design Pressure: 9928 KPA

Section: BRIGHTVIEW I-11

Plant: BRIGHTVIEW PLANT

Plant Equip No. CRN F8555.2

Built: 1986

Customer: SCEPTRE RESOURCES LIMITED