

**MUD DOCS**

**ENCANA**

**UNIT#14-925**



the pressure equipment safety authority

# PRESSURE PIPING CONSTRUCTION AND TEST DATA REPORT

In accordance with the provisions of the PESR Section 31(1)

Shop Construction ; Field Construction   
 Final Data Report ; Partial Data Report  (from one ABSA- authorized Contractor to another ABSA- authorized Contractor).

Complete both sides of this Form

1. Constructed By: Bidell Equipment LP Owner's Job No: 14-925  
(Name of ABSA authorized primary contractor or subcontractor)  
69000 112 Ave. SE Calgary AB T2C 4Z1  
(Address)

Certificate of Authorization Permit No. AQP-1338 Expiry Date: April 16, 2017

2. Constructed For: N/A  
(Name of primary contractor if different from above)

N/A  
(Address)

Certificate of Authorization Permit No. AQP-N/A Expiry Date: N/A  
(Required when the primary contractor undertakes some/all of the quality functions, e.g., NDE, PWHT, Tie-in, fabrication, hydro test, final assembly etc.)

3. Owner: Encana Corporation, 500 Centre Street SE, Calgary, AB T2P 2S5  
(Name and address)

15-31-062-21-W5M  
(Location of installation)

Certificate of Authorization Permit No. AQP-N/A Expiry Date: N/A  
(Required when the owner undertakes some/all of the quality functions, e.g., NDE, PWHT, Tie-in, fabrication, hydro test, final assembly etc.)

4. Piping Design Alberta Registration No.: PP-N/A  
(Required if aggregate piping volume is over 0.5m<sup>3</sup>)

5. Design Responsibility: Owner ; Contractor

6. WP No.: WP-2111.2; Company: Bidell Equipment LP Owner's WP No. (If used): WP-N/A  
(Alberta Registration No.) (Alberta Registration No.)

WPS No(s) used: BE-1, -2, -10, -12; Owner's WPS No(s) (If used): N/A

7. Code: ASME B31.1 Non Boiler External Piping ; ASME B31.1 Boiler External Piping ;  
 B31.5 ; B31.9 ; CSA Z662 Steam Pipelines ;  
 ASME B31.3  - Service Category: Normal , D , M , High Pressure ; Severe Cyclic Condition   
 High Purity

Drawing No. Rev. No. Line No.	Fluid (Air/Stm. Etc.)	Des. Press. kPa	Des. Temp. °C (Max. & Min.)	Pressure Test kPa	Test Medium	Pipe Mat'l Spec. & Grade	C.A. mm	Pipe NPS & Schedule	Flange Material & Rating	PWHT/ Preheat Temp. °C	NDE
14-925-1S1 Rev. C Line A, B, C	Gas	645 PSI	350 °F -20 °F	1125 PSIG	Water	SA-333-6	0.0625"	4" SCH 40	SA-105N SA-350-LF2 CL300	1150°F/ 50°F	100% RT 100% MPI 100% VT
14-925-1S2 Rev. 0 Line A	Gas	645 PSI	350 °F -20 °F	1125 PSIG	Water	SA-106-B	0.0625"	4" SCH 80	SA-105N CL300	1150°/ 50°F	100% RT 100% MPI 100% VT
14-925-1D1 Rev. A Line A,B,C,D	Gas	645 PSI	350 °F -20 °F	1125 PSIG	Water	SA-106-B	0.0625"	3" SCH 40	SA-105N CL300	1150°/ 50°F	100% RT 100% MPI 100% VT
14-925-2S1 Rev. A Line A,B,C,D,E	Gas	645 PSI	350 °F -20 °F	1125 PSIG	Water	SA-333-6 SA-106-B	0.0625"	3" SCH 40	SA-350-LF2 SA-105N CL300	1150°/ 50°F	100% RT 100% MPI 100% VT
14-925-2S2 Rev. 0 Line A	Gas	645 PSI	350 °F -20 °F	1125 PSIG	Water	SA-106-B	0.0625"	3" SCH 80	SA-105N CL300	1150°/ 50°F	100% RT 100% MPI 100% VT

14-925-2D1 Rev. B Line A,B,C,D,E	Gas	645 PSI	350 °F -20 °F	1125 PSIG	Water	SA-106-B	0.0625"	3" SCH 40	SA-105N CL300	1150° / 50°F	100% RT 100% MPI 100% VT
14-925-2D2 Rev. A Line A,B,C,D,E	Gas	645 PSI	350 °F -20 °F	1125 PSIG	Water	SA-333-6 SA-106-B	0.0625"	3" SCH 40	SA-350-LF2 SA-105N CL300	1150° / 50°F	100% RT 100% MPI 100% VT
14-925-F1 Rev. C Line A,B,C,D,E	Gas	215 PSI	350 °F -20 °F	450 PSIG	Water	SA-333-6 SA-106-B	0.0625"	4" SCH 40	SA-350-LF2 SA-105N CL300	1150° / 50°F	100% RT 100% MPI 100% VT
14-925-BD1 Rev. 0 Line A	Gas	645 PSI	350 °F -20 °F	1125 PSIG	Water	SA-106-B	0.0625"	1" SCH 160	SA-105N CL300	1150° / 50°F	100% RT 100% MPI 100% VT
14-925-BD2 Rev. A Line A	Gas	215 PSI	350 °F -20 °F	450 PSIG	Water	SA-106-B	0.0625"	1" SCH 160	SA-105N CL300 CL150	1150° / 50°F	100% RT 100% MPI 100% VT
14-925-BP1 Rev. 0 Line A	Gas	645 PSI	350 °F -20 °F	1125 PSIG	Water	SA-106-B	0.0625"	2" SCH 80	SA-105N CL300	1150° / 50°F	100% RT 100% MPI 100% VT
14-925-BP2 Rev. 0 Line A	Gas	645 PSI	350 °F -20 °F	1125 PSIG	Water	SA-106-B	0.0625"	2" SCH 80	SA-105N CL300	1150° / 50°F	100% RT 100% MPI 100% VT
14-925-HBP1 Rev. A Line A,B,C,D,E,F	Gas	645 PSI	350 °F -20 °F	1125 PSIG	Water	SA-106-B	0.0625"	2" SCH 80	SA-105N CL300	1150° / 50°F	100% RT 100% MPI 100% VT
14-925-1SD1 Rev. 0 Line A,B	Gas	645 PSI	350 °F -20 °F	1125 PSIG	Water	SA-106-B	0.0625"	1" SCH 160	SA-105N CL300	1150° / 50°F	100% RT 100% MPI 100% VT
14-925-2SD1 Rev. 0 Line A,B	Gas	645 PSI	350 °F -20 °F	1125 PSIG	Water	SA-106-B	0.0625"	1" SCH 160	SA-105N CL300	1150° / 50°F	100% RT 100% MPI 100% VT
14-925-1H1 Rev. 0 Line A,B	Glycol	645 PSI	400 °F -20 °F	1125 PSIG	Water	SA-333-6 SA-106-B	0.0625"	2" SCH 80	SA-350-LF2 SA-105N CL300	1150° / 50°F	100% RT 100% MPI 100% VT
14-925-1H2 Rev. 0 Line A,B	Glycol	645 PSI	400 °F -20 °F	1125 PSIG	Water	SA-106-B	0.0625"	2" SCH 80	SA-105N CL300	1150° / 50°F	100% RT 100% MPI 100% VT
14-925-2H1 Rev. 0 Line A,B	Glycol	645 PSI	400 °F -20 °F	1125 PSIG	Water	SA-106-B	0.0625"	2" SCH 80	SA-105N CL300	1150° / 50°F	100% RT 100% MPI 100% VT
14-925-2H2 Rev. 0 Line A	Glycol	645 PSI	400 °F -20 °F	1125 PSIG	Water	SA-333-6 SA-106-B	0.0625"	2" SCH 80	SA-350-LF2 SA-105N CL300	1150° / 50°F	100% RT 100% MPI 100% VT
14-925-700 Rev. D 2 <sup>nd</sup> Stage Drain System	HC Liquid	1310 PSI	300 °F -20 °F	2225 PSIG	Water	SA-106-B	0.0625"	1" SCH 160	SA-105N CL600	N/A	100%VT
14-925-700 Rev. D 3 <sup>rd</sup> Stage Drain System	HC Liquid	1310 PSI	300 °F -20 °F	2225 PSIG	Water	SA-106-B	0.0625"	1" SCH 160	SA-105N CL600	N/A	100%VT
14-925-700 Process Tube	Gas	645 PSI	350 °F -20 °F	645 PSIG	N2	SA-312 TP316L	N/A	½" OD 0.049"WT	N/A	N/A	100%VT
14-925-720 Rev. D Fuel/ Start Gas Supply	Gas	230 PSI	300 °F -20 °F	450 PSIG	Air	SA-106-B	0.0625"	2" XH	SA-105N CL300	N/A	100%VT
14-925-720 Rev. D Instrument Supply	Gas	150 PSI	300 F -20 F	165 PSIG	Air	SA-106-B SA-333-6	1" XH	3/8" OD 0.035"WK	SA-350-LF2 CL150	N/A	100%VT

Partial Data Reports certified by sub-contractors are listed below and attached to this Data Report

No.	Line No.	Spool No.	Dwg. No. (with Rev. No.)	Sub-contractor (Name)	AQP No. (if from Alberta)	Expiry (if from Alberta)

Remarks: For partial data report provide information about the code work that was not completed by the subcontractor (e.g., hydrostatic test, PWHT etc.). For final data report provide information about the code work that was not completed by subcontractors and subsequently completed by the primary contractor (e.g., hydrostatic test of entire assembly, PWHT etc.)

Endorse certificate 'A' or 'B'	
<p><b>A. CERTIFICATE OF COMPLIANCE</b> Signed by the subcontractor when supplying this certificate as a <b>Partial Data Report</b></p> <p>We certify that the statements in this Data Report are correct and that materials, construction and workmanship of the piping fabrication conform to the registered quality system and the applicable Piping code(s).</p> <p>Date: _____</p> <p style="text-align: right;">Contractor _____</p> <p>Print Authorized Representative's Name _____ Signature _____</p> <p><b>This certificate is not valid unless it forms part of a Final Data Report signed by Primary Contractor</b></p>	<p><b>B. CERTIFICATE OF COMPLIANCE</b> Signed by the primary contractor when supplying this certificate as a <b>Final Data Report</b></p> <p>We certify that the statements in this Data Report are correct and that piping job no. <u>14-925</u> described in this Data Report was constructed in accordance with the Province of Alberta Safety Codes Act and Regulations, and applicable ASME Piping Code(s).</p> <p>Date: <u>August 2015</u> <u>Bidell Equipment LP</u></p> <p style="text-align: right;">Contractor _____</p> <p><u>Shavin Kassee</u> _____</p> <p>Print Authorized Representative's Name _____ Signature _____</p>

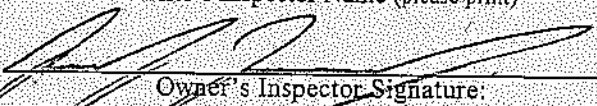
### CERTIFICATE OF INSPECTION

I, the undersigned, employed by Caliper Inspection LTD. (EnCon) have verified that all required examination and testing has been completed, and inspected the piping described in this construction data report to the extent necessary to be satisfied that it conforms to all applicable examination requirements of the Code and of the engineering design, and state that, to the best of my knowledge and belief, the contractor has constructed this piping in accordance with the Alberta Safety Codes Act and Regulations. By signing this certificate neither the inspector nor his or her employer makes any warranty, expressed or implied, concerning the piping described in this construction data report. Furthermore, neither the inspector nor his or 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.

Date: November 17, 2015 Date: \_\_\_\_\_

Shiloh Frederick \_\_\_\_\_

Owner's Inspector Name (please print) ABSA Safety Codes Officer (please print)  
(BOILER EXTERNAL PIPING ONLY)

 \_\_\_\_\_

Owner's Inspector Signature: ABSA Safety Codes Officer's Signature



**WESTERN INSPECTION**  
 A Division of Mistras Canada Inc.  
 3231 - 58th AVENUE, S.E.  
 CALGARY, ALBERTA T2C 0B4  
 TEL: (403) 279-4540  
 FAX: (403) 236-3043

Bidell Equipment Inc.  
 6900-112th Avenue SE  
 Calgary, AB T2C 4Z1  
 Tel: (403) 235-5877 Fax: (403) 272-7749

Job Number: 14-925-400  
 PO Number:

MPI EXAMINATION REPORT WY-485586

Date of Exam: Friday, Jun 19 2015  
 Job Location: Customer's Shop / North Shop  
 Technicians: Borworn Ethamma CGSB Lev II #13307, SNT LEVEL II

Acc Codes: CSA W-59, Clause 12  
 Inspected: Pre Heat Treat  
 Material: Carbon Steel  
 Surface: Good  
 Procedure: MPI-1 Rev 0 / Wet Visible  
 Technique: Yoke  
 Particle: Magnaflux Black Aerosol #7HF with Contrast Paint  
 Equipment: Parker Research B310 s/n 7555  
 Lighting: 100W Trouble Light  
 Units: in

Results:  
 ACC = Accept  
 REJ = Reject  
 RETEST = Retest

Comp#	Test#	Wldr	Dia	Sch	Len	Description	Result	Discontinuity	Result Information
1	SKID	1				(4 ITEMS) JACKING LUGS ATTACHMENT WELDS.	ACC		
2	SKID	2				(1 ITEM) PULL BAR ATTACHMENT WELDS.	ACC		

Charges:	Qty	Units	Type	Subtype	Rate	Code
	1	Hr(s)	Level II Consumables	Chargeable LPI/MPI Consumables Regular	Regular	NDE/I2/C/A-700
	1	Hr(s)	Consumables	LPI/MPI Consumables Regular	Regular	NDE/CON/LMC/NA/00



Sign Here: *[Signature]* June 26/15  
 Customer Representative:

Sign Here: Borworn Ethamma CGSB Lev II #13307, SNT LEVEL II



Please submit to:  
9410 - 20<sup>th</sup> Avenue  
Edmonton, AB T6N 0A4  
Tel (780) 437-9100 Fax (780) 437-7787  
E-Mail: Records@absa.ca  
AB-10.2012-12

### BOILER AND PRESSURE VESSEL STATUS REPORT

**NOTE:** This form may be used to provide notification of changes in ownership, location, operating status or scrapped boilers and pressure vessels.

Please review the responsibilities of the vendor and the new owner under Section 36 of the Pressure Equipment Safety Regulation. (regulation can be found on our website www.absa.ca)

Re: Vessel (A) 1) 652999 2) 653000 3) 653001  
Serial No. 145918A.1 145918A.2 145918B.1  
CRN W9731.213 V9729.213 W9731-213

Vessel(s) sold or purchased. Please transfer the registration of the vessel(s) to:  
Name of New Owner: Encana  
Mailing Address: Encana Corporation, 500 Centre St S.E., PO Box 285, Calgary, AB, T2P 1A6  
New Location of Vessel: 15-31-62-21 W5M  
(Street Address or LSD)  
Contact Person: Wiktor Mazur Tel: (403) 645-2172  
E-Mail: wiktor.mazur@encana.com  
Date of Sale: Dec. 18<sup>th</sup> 2014 PO No.: 14-925

Vessel(s) removed from service on: \_\_\_\_\_  
*(The owner is responsible for ensuring the vessel is inspected by ABSA prior to it being returned to service in the Province of Alberta.)*

The above vessel(s) returned to service on: \_\_\_\_\_  
Inspected on: \_\_\_\_\_ (Date). Inspection Report attached

Vessel(s) relocated to: \_\_\_\_\_  
(Street Address or LSD)

We own but do not know the location of this vessel. (ABSA records will record the location as unknown, and the applicable annual fee(s) will remain in force to your account. Responsibility for safe operation in Alberta continues to reside with your company. When the location become known, you are required to notify ABSA.)

We sold this vessel(s) but do not know to whom. (ABSA records will retain your company name as the owner. Responsibility for safe operation in Alberta also remains with your company until new ownership details are received by ABSA.)

Vessel(s) operating outside of the Province of Alberta since \_\_\_\_\_ (Date). Please remove from annual registration. You are required to notify ABSA if the vessel returns to service in Alberta.

#### Vessel Scrapped – All three conditions below must be satisfied

- Vessel has been removed from service and there is no intention to return it to pressure service.
- The nameplate has been removed and all other identification has been removed.
- The vessel is in a condition that it cannot be pressurized. i.e. A hole has been cut in the vessel, or a nozzle has been removed, or a head has been cut off.

Company Name: Bidell Equipment LP

Position Title: Q.C.I Tel: (403) 648-3906

(Please print name): Shavin KASSEE E-mail: skassee@bidell.com

Signature: \_\_\_\_\_

Date: Aug 10, 2015



Please submit to:  
9410 - 20<sup>th</sup> Avenue  
Edmonton, AB T6N 0A4  
Tel (780) 437-9100 Fax (780) 437-7787  
E-Mail: Records@absa.ca  
AB-10 2012-12

### BOILER AND PRESSURE VESSEL STATUS REPORT

**NOTE:** This form may be used to provide notification of changes in ownership, location, operating status or scrapped boilers and pressure vessels.

Please review the responsibilities of the vendor and the new owner under Section 36 of the Pressure Equipment Safety Regulation. (regulation can be found on our website www.absa.ca)

Re: Vessel (A) 1) 653002 2) \_\_\_\_\_ 3) \_\_\_\_\_  
Serial No. 145918B.2 \_\_\_\_\_  
CRN W9729.213 \_\_\_\_\_

Vessel(s) sold or purchased. Please transfer the registration of the vessel(s) to:  
Name of New Owner: Encana  
Mailing Address: Encana Corporation, 500 Centre St S.E., PO Box 285, Calgary, AB, T2P 1A6  
New Location of Vessel: 15-31-62-21 W5M  
(Street Address or LSD)  
Contact Person: Wiktor Mazur Tel: (403) 645-2172  
E-Mail: wiktor.mazur@encana.com  
Date of Sale: Dec. 18th 2014 PO No.: 14-925

Vessel(s) removed from service on: \_\_\_\_\_  
*(The owner is responsible for ensuring the vessel is inspected by ABSA prior to it being returned to service in the Province of Alberta.)*

The above vessel(s) returned to service on: \_\_\_\_\_  
Inspected on: \_\_\_\_\_ (Date) Inspection Report attached

Vessel(s) relocated to: \_\_\_\_\_  
(Street Address or LSD)

We own but do not know the location of this vessel. (ABSA records will record the location as unknown, and the applicable annual fee(s) will remain in force to your account. Responsibility for safe operation in Alberta continues to reside with your company. When the location become known, you are required to notify ABSA.)

We sold this vessel(s) but do not know to whom. (ABSA records will retain your company name as the owner. Responsibility for safe operation in Alberta also remains with your company until new ownership details are received by ABSA.)

Vessel(s) operating outside of the Province of Alberta since \_\_\_\_\_ (Date). Please remove from annual registration. You are required to notify ABSA if the vessel returns to service in Alberta.

#### Vessel Scrapped – All three conditions below must be satisfied

- Vessel has been removed from service and there is no intention to return it to pressure service.
- The nameplate has been removed and all other identification has been removed.
- The vessel is in a condition that it cannot be pressurized. i.e. A hole has been cut in the vessel, or a nozzle has been removed, or a head has been cut off.

Company Name: Bidell Equipment LP  
Position Title: Q.C.I Tel: (403) 648-3906  
(Please print name) Shavin KASSEE E-mail: skassee@bidell.com

Signature: \_\_\_\_\_

Date: Aug 10, 2015

FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS  
 (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

652999

AUG 14 2015

1. Manufactured and certified by: AXH air-coolers, LLC - 401 EAST LOWRY ROAD - CLAREMORE, OKLAHOMA 74017  
 (Name and address of manufacturer)

2. Manufactured for: BIDELL EQUIPMENT INC., 6900 - 112TH AVENUE SOUTHEAST, CALGARY, ALBERTA, CANADA T2C 4Z1

3. Location of Installation: UNKNOWN  
 (Name and address)

4. Type HORZ. H. EXCHANGER 145918A.1 W9731.213 145918-HDR-IC R0 & 145918-CRNM R0 34524 2015  
 (Horizontal or vertical, tank) (Manufacturer's serial no.) (CRN) (Drawing number) (National Board number) (Year built)

5. ASME CODE, SECTION VIII, DIVISION 1 2013 EDITION / NONE  
 (Edition and Addenda, if applicable (date))

6. Shell TUBE/PLUG: SA-516-70N FR & BK 1 1/8" .0625" FR & BK 0' 6 7/8" 1' 2 7/8"  
 (Material spec. number, grade) (Nominal thickness) (Corr. Allow.) (Inner diameter) (Length (overall))

Body Flanges on Shells										Bolting			
No.	Type	ID	OD	Flange Thk	Min Hub Thk	Material	How Attached	Location	Num & Size	Bolting Material	Washer (OD, ID, thk)	Washer Material	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	

7. Seams CORNER JOINT SEE REMARKS 1.0 1150 1 2  
 (Long, welded, dbl., singl., lap, built) (R.T. (spot or Full) (Eff., %) (H.T. temp. °F) (Time, hr) (Girth (welded, dbl., singl., lap, built)) (R.T. (spot or full) (Eff., %) (No. of courses))

8. Heads (a) Material WRAPPERS: SA-516-70N (b) Material ENDS: SA-516-70N  
 (Spec. no., grade) (Spec. no., grade)

	Location (Top, Bottom, Ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
(a)	WRAPPERS	1/2"	.0625"	-	-	-	-	-	**	FLAT
(b)	ENDS	1/2"	.0625"	-	-	-	-	-	***	FLAT

Body Flanges on Heads										Bolting			
	Location	Type	ID	OD	Flange Thk	Min Hub Thk	Material	How Attached	Num & Size	Bolting Material	Washer (OD, ID, thk)	Washer Material	
(a)	-	-	-	-	-	-	-	-	-	-	-	-	
(b)	-	-	-	-	-	-	-	-	-	-	-	-	

9. MAWP 645 psi N/A at max. temp 350 °F N/A  
 (Internal) (External) (Internal) (External)  
 Min. design metal temp. -49 °F at 645 psi Hydro. pneu. or other test pressure 839 psi  
 Proof test NONE

10. Nozzles, Inspection, and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diameter or size	Type	Material		Nozzle Thickness		Reinforcement Material	Attachment Details		Location (Insp. Open.)
				Nozzle	Flange	Nom.	Corr.		Nozzle	Flange	
INLET/OUTLET	2	3"-300#	PIPE/RFWN	***	SA350-LF2 CL1	S/160	.0625"	NONE	UW-16(a)	UW-12(1)	HEADER
INSTRUMENTS	2	1-1/2"-300#	PIPE/RFWN	***	SA350-LF2 CL1	XXH	.0625"	NONE	UW-16(a)	UW-12(1)	HEADER
PLUGS	34	1 1/8"-12	UNF		SA350-LF2 CL1						HEADER

11. Supports: Skirt NO Logs N/A Legs N/A Other STRUCTURE Attached BOLTED  
 (Yes or no) (Number) (Number) (Describe) (Where and How)

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

(Name of part, item number, Manufacturer's name and identifying stamp)  
\*2 HEADERS, ONE AT EACH END. \*\*WRAPPERS FLAT DIA. 3' X 1' 2 7/8". \*\*\*ENDS FLAT DIA. 3' X 5 7/8". \*\*\*\*SA333GR6(SMLS).  
17 TUBES SA-179 1" O.D. X .065 MW 14" 0" LG. RADIOGRAPH PER CUSTOMER SPECIFICATIONS.  
IMPACTS EXEMPT PER UCS-66(a) CURVE D. PRESSURE RELIEF DEVICE BY OTHERS. CONSTRUCTED IN ACCORDANCE WITH APPENDIX 28.



Ⓐ 652999

Ⓓ AUG 14 2015

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 34,950

expires 02/07/2017

Date 6-18-15 Co. name

AXH air-coolers, LLC.  
(Manufacturer)

Signed

Richard J. Spindler  
(Representative)

CERTIFICATE OF SHOP / FIELD INSPECTION

Vessel constructed by AXH air-coolers, LLC. at 401 E. LOWRY ROAD - CLAREMORE, OKLAHOMA 74017

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and employed by ONECIS INSURANCE COMPANY OF LYNN, MA

have inspected the component described in this Manufacturer's Data Report on 6-18-15, 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.

Date 6-18-15

Signed

[Signature]  
(Authorized Inspector)

Commissions

NB12461A

(National Board (Incl. endorsements))

FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS  
 (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

A 653000  
 AUG 14 2015

1. Manufactured and certified by: AXH air-coolers, LLC - 401 EAST LOWRY ROAD - CLAREMORE, OKLAHOMA 74017  
(Name and address of manufacturer)

2. Manufactured for: BIDELL EQUIPMENT INC., 6900 - 112TH AVENUE SOUTHEAST, CALGARY, ALBERTA, CANADA T2C 4Z1

3. Location of installation: UNKNOWN  
(Name and address)

4. Type HORZ. H. EXCHANGER 145918A.2 W9729.213 145918-HDR-AC R0 & 145918-CRN R0 34526 2015  
(Horizontal or vertical tank) (Manufacturer's serial no.) (ORN) (Drawing number) (National Board number) (Year built)

5. ASME CODE, SECTION VIII, DIVISION 1 2013 EDITION / NONE  
(Edition and Addenda, if applicable (date)) (Code Case numbers) (Special service per UG-120(D))

6. Shell TUBE/PLUG: SA-516-70N FR & BK 1" .0625" FR & BK 0' 8 3/8" 8' 4 3/8"  
(Material spec; number, grade) (Nominal thickness) (Corr. Allow.) (Inner diameter) (Length overall)

Body Flanges on Shells												
No.	Type	ID	OD	Flange Thk	Min Hub Thk	Material	How Attached	Location	Bolting			
									Num & Size	Bolting Material	Washer (OD, ID, thk)	Washer Material
-	-	-	-	-	-	-	-	-	-	-	-	-

7. Seams CORNER JOINT SEE REMARKS 1.0 1150 1 - - 2  
(Long (welded, dbl., singl., lap, butt)) (R.T. (spot or Full)) (Eff., %) (H.T. temp. °F) (Time, hr) (Grth (welded, dbl., singl., lap, butt)) (R.T. (spot or full)) (Eff., %) (No. of courses))

8. Heads (a) Material WRAPPERS: SA-516-70N (b) Material ENDS: SA-516-70N  
(Spec. no., grade) (Spec. no., grade)

	Location (Top, Bottom, Ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knicude Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
(a)	WRAPPERS	1/2"	.0625"	-	-	-	-	-	**	FLAT
(b)	ENDS	1/2"	.0625"	-	-	-	-	-	***	FLAT

Body Flanges on Heads											
	Location	Type	ID	OD	Flange Thk	Min Hub Thk	Material	How Attached	Bolting		
									Num & Size	Bolting Material	Washer (OD, ID, thk)
(a)	-	-	-	-	-	-	-	-	-	-	-
(b)	-	-	-	-	-	-	-	-	-	-	-

9. MAWP 645 psi N/A at max. temp 350 °F N/A  
(Internal) (External) (Internal) (External)

Min. design metal temp. -49 °F at 645 psi hydro. pressure 839 psi  
(Internal) (External)

Proof test NONE

10. Nozzles, inspection, and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diameter or size	Type	Material		Nozzle Thickness		Reinforcement Material	Attachment Details		Location (Insp. Open.)
				Nozzle	Flange	Nom	Corr		Nozzle	Flange	
INLET/OUTLET	2	3"-300#	PIPE/RFWN	****	SA350-LF2 CL1	S/160	.0625"	NONE	UW-16(a)	UW-12(1)	HEADER
INSTRUMENTS	2	1 1/2"-300#	PIPE/RFWN	****	SA350-LF2 CL1	XXH	.0625"	NONE	UW-16(a)	UW-12(1)	HEADER
PLUGS	524	3/4"-16	UNF		SA350-LF2 CL1						HEADER

11. Supports: Skirt NO Lugs N/A Legs N/A Other STRUCTURE Attached BOLTED  
(Yes or no) (Number) (Number) (Describe) (Where and How)

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

(Name of part, item number, Manufacturer's name and identifying stamp)

\*2 HEADERS, ONE AT EACH END. \*\*WRAPPERS FLAT DIA. 3" X 1' 2 7/8". \*\*\*ENDS FLAT DIA. 3" X 5 7/8". \*\*\*\*SA333GR6(SMLS).  
 282 TUBES SA-179 5/8" O.D. X .065 MW 14' 0" LG. RADIOGRAPH PER CUSTOMER SPECIFICATIONS.  
 IMPACTS EXEMPT PER UCS-56(a) CURVE D. PRESSURE RELIEF DEVICE BY OTHERS. CONSTRUCTED IN ACCORDANCE WITH APPENDIX 28.

653000

03 AUG 14 2015

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 34.950 expires 02/07/2017

Date 6-18-15 Co. name AXH air-coolers, LLC. Signed [Signature]  
(Manufacturer) (Representative)

CERTIFICATE OF SHOP / FIELD INSPECTION

Vessel constructed by AXH air-coolers, LLC. at 401 E. LOWRY ROAD - CLAREMORE, OKLAHOMA 74017

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and employed by ONECIS INSURANCE COMPANY OF LYNN, MA

have inspected the component described in this Manufacturer's Data Report on 6-15-15, 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.

Date 6-18-15 Signed [Signature] Commissions NB12461A  
(Authorized Inspector) (National Board (incl. endorsements))

**FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS**  
 (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

A

656337

1. Manufactured and certified by BIDELL EQUIPMENT LP., 6900-112th Ave. S.E. Calgary, Alberta, T2C 4Z1, Canada  
 (Name and address of manufacturer)

2. Manufactured for Encana Gas Compression, 855-2nd Street S.W., Calgary, AB, T2P 1B9, Canada  
 (Name and address of purchaser)

3. Location of Installation 15-31-62-21 W5M  
 (Name and address)

4. Type Vertical 14-925-501 W9810.21 14-Q304-501Shs.1,2,3revA 2015  
 (Hornz. or vert., tank) (Mfg's serial No.) (CRN) (Drawing No.) (Natl. Bd. No.) (Year built)

5. ASME Code, Section VIII, Division 1 2013  
 (Edition and Addenda, if applicable (date)) [Code Case Nos.] [Special Service per UG-120(d)]

6. Shell: SA516-70N 0.500" 0.0625" 23.0" 5'-6"  
 (Material spec. number, grade) (Nominal thickness) (Corr. Allow.) (Inner diameter) (Length (overall))

**Body Flanges on Shells**

No.	Type	ID	OD	Flange Thk.	Min Hub Tnk.	Material	How Attached	Location	Bolting			
									Num & Size	Bolting Material	Washer (OD, ID, thk)	Washer Material
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-

7. Seams: Type 1 Full 100 1150 1.08 Type 1 Full 100 1  
 (Long. (Welded, Dbl., Sngl., Lap, Butt)) (R. T. (Spot or Full)) (Eff. (%)) (H. T. Temp. °F) (Time, hr) (Grain, (Welded, Dbl., Sngl., Lap, Butt)) (R. T. (Spot, or Full)) (Eff. (%)) (No. of Courses)

8. Heads: (a) Matl. SA516-70N (b) Matl. SA516-70N  
 (Spec. No., Grade) (Spec. No., Grade)

	Location (Top, Bottom, Ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
(a)	Top Head	0.5625"	0.0625"	-	-	2:1	-	-	-	Concave
(b)	Bottom Head	0.5625"	0.0625"	-	-	2:1	-	-	-	Concave

**Body Flanges on Heads**

	Location	Type	ID	OD	Flange Thk.	Min Hub Tnk.	Material	How Attached	Bolting			
									Num & Size	Bolting Material	Washer (OD, ID, thk)	Washer Material
(a)	-	-	-	-	-	-	-	-	-	-	-	-
(b)	-	-	-	-	-	-	-	-	-	-	-	-

9. MAWP 645 psi. - psi at max. temp. 350 °F.  
 (Internal) (External) (Internal) (External)

Min. design metal temp. -20 °F at 645 psi. Hydro, pneu., or comb. test pressure 830 psi.

Proof Test -

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain, Etc.)	No.	Diameter or Size	Type	Material		Nozzle Thickness		Reinforcement Material	Attachment Details		Location (Insp. Open.)
				Nozzle	Flange	Nom.	Corr.		Nozzle	Flange	
Gas Inlet	1	4" Cl.300	RFWN	SA106-B/**	SA105-N	0.531"	0.0625"	SA516-70N	UW16.1(c)	Type 1	Shell
Gas Outlet	1	4" Cl.300	RFWN	SA106-B	SA105-N	0.531"	0.0625"	SA516-70N	UW16.1(c)	Type 1	Shell
Auto Dump	1	1" Cl.300	RFWN	SA106-B/**	SA105-N	0.358"	0.0625"	SA516-70N	UW16.1(c)	Type 1	Shell
Manual Drain	1	1.5" Cl.300	RFWN	SA106-B/**	SA105-N	0.281"	0.0625"	SA516-70N	UW16.1(c)	Type 1	Bottom Head
LLC / HLS / LLS / IO	3	3" Cl.300	RFWN	SA106-B	SA105-N	0.438"	0.0625"	SA516-70N	UW16.1(c)	Type 1	Shell
Gauge Glass	2	1" Cl.300	RFLWN	SA105-N	-	0.56"	0.0625"	SA516-70N	UW16.1(c)	-	Shell
Vent. / IO / DPI	1	3" Cl.300	RFWN	SA106-B	SA105-N	0.438"	0.0625"	SA516-70N	UW16.1(c)	Type 1	Top Head

11. Supports: Skirt Yes Lugs 0 Legs 0 Other - Attached Welded to Bottom Head  
 (Yes or No) (No.) (No.) (Describe) (Where and How)

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

Items of the report: (Name of part, item number, Mfg's. name, and identifying stamp)

Service: Sweet Gas Constructed to Drawing: 14-Q304-501 Rev.B

Shipping Weight: 1568 lb. (711 kg.) \* 4" Sch.160, SA234-WPB

Cubic Capacity: 18.8 Cubic Feet (0.528 Cubic Meters) \*\* 1" XXH, SA234-WPB

PSV on Pipe as per UG-125(g) \*\*\* 1.5" Sch.160, SA234-WPB

Impact Testing: Exempt per UG-20(f) 1-5 Stage 1 Scrubber (T4-V-250)

Radiography: RT-1 to UW-11(a)

Hydrotest performed in Vertical Position

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 Code for Pressure Vessels, Section VIII, Division 1. "U" Certificate of Authorization No. 30,982

expires January 27, 2017

Date July 29, 2015

Co. name

Bidell Equipment L.P.

Signed



(Manufacturer)

(Representative)

CERTIFICATE OF SHOP / FIELD INSPECTION

Vessel constructed by Bidell Equipment LP at 6900-112th Ave. S.E. Calgary, Alberta, T2C 4Z1, Canada

I, 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

ABSA

have inspected the component described in this Manufacturer's Data Report on July 31, 2015 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/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.

Date July 31, 2015

Signed



Commissions

NB 13646A AB338A

(Authorized Inspector)

(Nat'l Board (incl. endorsements), State, Prov. and No.)



CERTIFIED BY  
**BIDELL**  
EQUIPMENT LP  
6900 - 112 AVENUE S. E.      PHONE: (403) 235-5877  
CALGARY, AB, T2C-4Z1      FAX: (403) 272-7749

M.A.W.P.  PSI @  °F

M.D.M.T.  °F @  PSI

YEAR BUILT  C.R.N.

S/N:

SHELL: SA-  THK:

HEAD: SA-  THK:

TAG:

FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS  
 (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

653007

1. Manufactured and certified by BIDELL EQUIPMENT LP., 6900-112th Ave. S.E. Calgary, Alberta, T2C 4Z1, Canada  
 (Name and address of manufacturer)  
 2. Manufactured for Encana Gas Compression, 855 - 2nd Street S.W., Calgary, AB, T2P 1B9, Canada  
 (Name and address of purchaser)  
 3. Location of installation 15-31-62-21 W5M  
 (Name and address)  
 4. Type Vertical 14-925-502 W9811-21 14-925-502 Shls. 1,2,3 Rev.A - 2015  
 (Horiz. or vert., tank) (Mfg's serial No.) (CRN) (Drawing No.) (Natl. Bd. No.) (Year built)  
 5. ASME Code, Section VIII, Division 1 2013 - -  
 (Edition and Addenda, if applicable (date)) (Code Case Nos.) (Special Service per UG-120(d))  
 6. Shell: Sa106-B 0.500" 0.0625" 17.0" 5'-6"  
 (Material spec. number, grade) (Nominal thickness) (Corr. Allow.) (Inner diameter) (Length (overall))

Body Flanges on Shells										Bolting			
No.	Type	ID	OD	Flange Thk	Min Hub Trk	Material	How Attached	Location	Num & Size	Bolting Material	Washer (OD, ID, thk)	Washer Material	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	

7. Seams: Seamless None 100 1150 ^ Type 1 Full 100 1  
 (Long. (Welded, Dbl., Sngl., Lap, Butt)) (R. T. (Spot or Full)) (Eff. (%)) (H. T. Temp. °F) (Time, hr) (Grth. (Welded, Dbl., Sngl., Lap, Butt)) (R. T. (Spot or Full)) (Eff. (%)) (No. of Courses)  
 8. Heads: (a) Matl. SA516-70N (b) Matl. SA516-70N  
 (Spec. No., Grade) (Spec. No., Grade)

	Location (Top, Bottom, Ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
(a)	Top Head	0.4375"	0.0625"	-	-	2:1	-	-	-	Concave
(b)	Bottom Head	0.4375"	0.0625"	-	-	2:1	-	-	-	Concave

Body Flanges on Heads										Bolting			
	Location	Type	ID	OD	Flange Thk	Min Hub Trk	Material	How Attached	Num & Size	Bolting Material	Washer (OD, ID, thk)	Washer Material	
(a)	-	-	-	-	-	-	-	-	-	-	-	-	
(b)	-	-	-	-	-	-	-	-	-	-	-	-	

9. MAWP 645 psi. - psi at max. temp. 350 °F  
 (Internal) (External) (Internal) (External)  
 Min. design metal temp. -20 °F at 645 psi. Hydro., pneu., or comb. test pressure 839 psi.  
 Proof Test -

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain, Etc.)	No.	Diameter or Size	Type	Material		Nozzle Thickness		Reinforcement Material	Attachment Details		Location (Insp. Open.)
				Nozzle	Flange	Nom.	Corr.		Nozzle	Flange	
Gas Inlet	1	3" Cl.300	RFWN	SA106-B*	SA105-N	0.438"	0.0625"	SA516-70N	UW16.1(c)	Type 1	Shell
Gas Outlet	1	3" Cl.300	RFWN	SA106-B	SA105-N	0.438"	0.0625"	SA516-70N	UW16.1(c)	Type 1	Shell
Auto Dump	1	1" Cl.300	RFWN	SA106-B/**	SA105-N	0.358"	0.0625"	SA516-70N	UW16.1(c)	Type 1	Shell
Manual Drain	1	1.5" Cl.300	RFWN	SA106-B/**	SA105-N	0.281"	0.0625"	SA516-70N	UW16.1(c)	Type 1	Bottom Head
LLC / HLS / LLS / IO	3	3" Cl.300	RFWN	SA106-B	SA105-N	0.438"	0.0625"	SA516-70N	UW16.1(c)	Type 1	Shell
Gauge Glass	2	1" Cl.300	RFLWN	SA105-N	-	0.56"	0.0625"	SA516-70N	UW16.1(c)	-	Shell
Vent / IO / DPI	1	3" Cl.300	RFWN	SA106-B	SA105-N	0.438"	0.0625"	SA516-70N	UW16.1(c)	Type 1	Top Head
Spare	1	3" Cl.300	RFWN	SA106-B	SA105-N	0.438"	0.0625"	SA516-70N	UW16.1(c)	Type 1	Shell

11. Supports: Skirt Yes Lugs 0 Legs 0 Other - Attached Welded to Bottom Head  
 (Yes or No) (No.) (No.) (Describe) (Where and How)

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

(Name of part, item number, Mfg's name, and identifying stamp)  
Service: Sweet Gas Constructed to Drawing: 14-Q304-502 Rev.C  
Shipping Weight: 1106 lb. (501 kg.) \* 3" Sch.160, SA234-WPB  
Cubic Capacity: 10.09 Cubic Feet (0.286 Cubic Meters) \*\* 1" XXH, SA234-WPB  
PSV on Pipe as per UG-125(g) \*\*\* 1.5" Sch.160, SA234-WPB  
Impact Testing: Exempt per UG-20(f) 1-6 Stage 2 Scrubber (T4-V-257)  
Radiography: RT-1 to UW-11(a) ^ Vessel Accumulative time 135 min (Nozzle HLS 70min.)

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 Code for Pressure Vessels, Section VIII, Division 1. "U" Certificate of Authorization No. 30,982

expires January 27, 2017

Date August 18, 2015

Co. name

Bidell Equipment L.P.

Signed



(Manufacturer)

(Representative)

CERTIFICATE OF SHOP / FIELD INSPECTION

Vessel constructed by Bidell Equipment LP at 6900-112th Ave. S.E. Calgary, Alberta, T2C 4Z1, Canada

I, 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

ABSA

AUG 19 2015

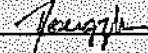
and state that

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/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.

Date AUG 19 2015

Signed



Commissions

AB 340 NB 13780 A

(Authorized Inspector)

(National Board (incl. endorsements), State, Prov. and No.)



ASME  
U  
W  
RT-L  
HT

CERTIFIED BY:

**BIDELL**

EQUIPMENT LP

6900 112 AVENUE S. E.  
CALGARY, AB, T2C-4Z1

PHONE: (403) 235-5877

FAX: (403) 272-7749

M.A.W.P.  PSI @  °F

M.D.M.T.  °F @  PSI

YEAR BUILT  C.R.N.

S/N:

SHELL: SA-  THK:

HEAD: SA-  THK:

TAG:

**FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS**  
 (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

A 656330

1. Manufactured and certified by BIDELL EQUIPMENT LP., 6900-112th Ave. S.E. Calgary, Alberta, T2C 4Z1, Canada  
(Name and address of manufacturer)

2. Manufactured for Encana Gas Compression, 855 - 2nd Street S.W., Calgary, AB, T2P 1B9, Canada  
(Name and address of purchaser)

3. Location of installation 15-31-62-21 W5M  
(Name and address)

4. Type Horizontal 14-925-511 W9813.21 14-Q304-511 Shls.1,2 Rev.A 2015  
(Horiz. or vert., tank) (Mfr's serial No.) (CRN) (Drawing No.) (Natl. Bd. No.) (Year built)

5. ASME Code, Section VIII, Division 1 2013  
(Edition and Addenda, if applicable (date)) (Code Case Nos.) (Special Service per UG-120(d))

6. Shell: SA106-B 0.500" 0.0625" 13.0" 2'-0"  
(Material spec. number, grade) (Nominal thickness) (Corr. Allow.) (Inner diameter) (Length (overall))

**Body Flanges on Shells**

No.	Type	ID	OD	Flange Thk	Min Hub Tnk	Material	How Attached	Location	Bolting			
									Num & Size	Bolting Material	Washer (OD, ID, thk)	Washer Material
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-

7. Seams: Seamless None 100 1150 1 Type 1 Full 100 1  
(Long. (Welded, Dbl., Sngl., Lap, Butt)) (R. T. (Spot or Full)) (Eff. (%)) (H. T. Temp. °F) (Time, hr) (Grth. (Welded, Dbl., Sngl., Lap, Butt)) (R. T. (Spot or Full)) (Eff. (%)) (No. of Courses)

8. Heads: (a) Matl. SA516-70N (b) Matl. SA516-70N  
(Spec. No., Grade) (Spec. No., Grade)

	Location (Top, Bottom, Ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
(a)	Left Head	0.4375"	0.0625"	-	-	2:1	-	-	-	Concave
(b)	Right Head	0.4375"	0.0625"	-	-	2:1	-	-	-	Concave

**Body Flanges on Heads**

	Location	Type	ID	OD	Flange Thk	Min Hub Tnk	Material	How Attached	Bolting			
									Num & Size	Bolting Material	Washer (OD, ID, thk)	Washer Material
(a)	-	-	-	-	-	-	-	-	-	-	-	-
(b)	-	-	-	-	-	-	-	-	-	-	-	-

9. MAWP 645 psi. - psi at max. temp. 350 °F.  
(Internal) (External) (Internal) (External)

Min. design metal temp. -20 °F at 645 psi. Hydro., pneu., or comb. test pressure 839 psi.  
 Proof Test -

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain, Etc.)	No.	Diameter or Size	Type	Material		Nozzle Thickness		Reinforcement Material	Attachment Details		Location (Insp. Open.)
				Nozzle	Flange	Nom.	Corr.		Nozzle	Flange	
Gas Inlet / IO	1	4" Cl.300	RFWN	SA106-B	SA105-N	0.531"	0.0625"	SA516-70N	UW16.1(c)	Type 1	Shell
Gas Outlet / Drain	1	6" Cl.300	RFWN	SA106-B	SA105-N	0.625"	0.0625"	SA516-70N	UW16.1(b)	Type 1	Shell
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-

11. Supports: Skirt No Lugs 0 Legs 0 Other - Attached Bolted to Compressor  
(Yes or No) (No.) (No.) (Describe) (Where and How)

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

(Name of part, item number, Mfr's name, and identifying stamp)

Service: Sweet Gas Constructed to Drawing: 14-Q304-511 Rev.B

Shipping Weight: 382 lb. (173 kg.) Stage 1 Suction Bottle (T4-V-251)

Cubic Capacity: 2.52 Cubic Feet (0.071 Cubic Meters)

PSV on Pipe as per UG-125(g)

Impact Testing: Exempt per UG-20(f) 1-5

Radiography: RT-1 to UW-11(a)

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 Code for Pressure Vessels, Section VIII, Division 1, "U" Certificate of Authorization No. 30,982 expires January 27, 2017.

Date July 29, 2015 Co. name Bidell Equipment L.P. Signed [Signature]  
(Manufacturer) (Representative)

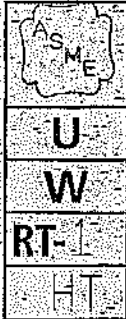
CERTIFICATE OF SHOP / FIELD INSPECTION

Vessel constructed by Bidell Equipment LP at 6900-112th Ave. S.E. Calgary, Alberta, T2C 4Z1, Canada

I, 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 ABSA

have inspected the component described in this Manufacturer's Data Report on July 31, 2015 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/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.

Date July 31, 2015 Signed [Signature] Commissions NB 13646A AB338A  
(Authorized Inspector) (Nat'l Board (incl. endorsements), State, Prov. and No.)



CERTIFIED BY:

**BIDELL**  
EQUIPMENT LP

6900 - 112 AVENUE S. E.  
CALGARY, AB, T2C 4Z1

PHONE: (403) 235-5877  
FAX: (403) 272-7749

M.A.W.P.  PSI @  °F

M.D.M.T.  °F @  PSI

YEAR BUILT  C.R.N.

S/N:

SHELL: SA-  THK:

HEAD: SA-  THK:

TAG:

**FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS**  
 (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

A

656339

1. Manufactured and certified by BIDELL EQUIPMENT LP, 6900-112th Ave. S.E. Calgary, Alberta, T2G 4Z1, Canada  
 (Name and address of manufacturer)

2. Manufactured for Encana Gas Compression, 855 - 2nd Street S.W., Calgary, AB, T2P 1B9, Canada  
 (Name and address of purchaser)

3. Location of Installation 15-31-62-21 W5M  
 (Name and address)

4. Type Horizontal 14-925-512 W9814.21 14-Q304-522 Shis. 1,2,3 Rev.A - 2015  
 (Horiz. or vert., tank) (Mfg's serial No.) (CRN) (Drawing No.) (Nat. Bd. No.) (Year built)

5. ASME Code, Section VIII, Division 1 2013 - -  
 (Edition and Addenda, if applicable (date)) (Code Case Nos.) (Special Service per UG-120(d))

6. Shell: SA106-B 0.500" 0.0625" 11.750" 1'-4"  
 (Material spec. number, grade) (Nominal thickness) (Corr. Allow.) (Inner diameter) (Length overall)

Body Flanges on Shells										Bolting			
No.	Type	ID	OD	Flange Thk.	Min Hub Thk.	Material	How Attached	Location	Num & Size	Bolting Material	Washer (OD, ID, thk)	Washer Material	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	

7. Seams: Seamless None 100 1150 1 Type 1 Full 100 1  
 (Long. (Welded, Dbl., Sngl., Lap, Built)) (R. T. (Spot or Full)) (Eff. (%)) (H. T. Temp. °F) (Time, hr) (Grth. (Welded, Dbl., Sngl., Lap, Built)) (R. T. (Spot, or Full)) (Eff. (%)) (No. of Courses)

8. Heads: (a) Matl. SA516-70N (b) Matl. SA516-70N  
 (Spec. No., Grade) (Spec. No., Grade)

	Location (Top, Bottom, Ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Cortical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
(a)	Left Head	0.4375"	0.0625"	-	-	2:1	-	-	-	Concave
(b)	Right Head	0.4375"	0.0625"	-	-	2:1	-	-	-	Concave

Body Flanges on Heads										Bolting			
	Location	Type	ID	OD	Flange Thk.	Min Hub Thk.	Material	How Attached	Num & Size	Bolting Material	Washer (OD, ID, thk)	Washer Material	
(a)	-	-	-	-	-	-	-	-	-	-	-	-	
(b)	-	-	-	-	-	-	-	-	-	-	-	-	

9. MAWP 645 psi. - psi at max. temp. 350 - °F  
 (Internal) (External) (Internal) (External)

Min. design metal temp. -20 °F at 645 psi. Hydro., pneu., or comb. test pressure 839 psi.  
 Proof Test -

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain, Etc.)	No.	Diameter or Size	Type	Material		Nozzle Thickness		Reinforcement Material	Attachment Details		Location (Insp. Open.)
				Nozzle	Flange	Nom.	Corr.		Nozzle	Flange	
Gas Inlet / IO	1	3" Cl.300	RFWN	SA106-B	SA105-N	0.438"	0.0625"	SA516-70N	UW16.1(c)	Type 1	Shell
Gas Outlet / Drain	1	3" Cl.300	RFWN	SA106-B	SA105-N	0.438"	0.0625"	SA516-70N	UW16.1(c)	Type 1	Shell
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-

11. Supports: Skirt No Lugs 0 Legs 0 Other - Attached Bolted to Compressor  
 (Yes or No) (No.) (No.) (Describe) (Where and How)

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

(Name of part, item number, Mfg's name, and identifying stamp)

Service: Sweet Gas Constructed to Drawing: 14-Q304-512 Rev.B

Shipping Weight: 343 lb. (156 kg.) Stage 2 Suction Bottle (T4-V-258)

Cubic Capacity: 1.53 Cubic Feet (0.043 Cubic Meters)

PSV on Pipe as per UG-125(g)

Impact Testing: Exempt per UG-20(f) 1-5

Radiography: RT-1 to UW-11(a)

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 Code for Pressure Vessels, Section VIII, Division 1. "U" Certificate of Authorization No. 30,982

expires January 27, 2017

Date July 29, 2015

Co. name Bidell Equipment L.P.

(Manufacturer)

Signed 

(Representative)

CERTIFICATE OF SHOP / FIELD INSPECTION

Vessel constructed by Bidell Equipment LP at 6900-112th Ave. S.E. Calgary, Alberta, T2C 4Z1, Canada

I, 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

ABSA

have inspected the component described in this Manufacturer's Data Report on July 31, 2015 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/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.

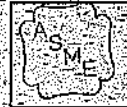
Date July 31, 2015

Signed 

(Authorized Inspector)

Commissions NB 13646A AB 338A

(Nat'l Board (incl. endorsements), State, Prov. and No.)



U

W

RT-1

HT

CERTIFIED BY

# BIDELL

EQUIPMENT LP

6900-112 AVENUE S. E.  
CALGARY, AB T2C 4Z1

PHONE: (403) 235-5877  
FAX: (403) 272-7749

M.A.W.P.  PSI @  °F

M.D.M.T.  °F @  PSI

YEAR BUILT  C.R.N.

S/N:

SHELL: SA- THK:

HEAD: SA- THK:

TAG:

**FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS**  
 (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

**A 613289**

1. Manufactured and certified by BIDELL EQUIPMENT LP., 6900-112th Ave. S.E. Calgary, Alberta, T2C 4Z1, Canada  
 (Name and address of manufacturer)

2. Manufactured for Encana Gas Compression, 855 - 2nd Street S.W., Calgary, AB, T2P 1B9, Canada  
 (Name and address of purchaser)

3. Location of installation 15-31-62-21 W5M  
 (Name and address)

4. Type Horizontal 14-925-521 W9812.21 14-Q304-521 Shls.1,2,3 Rev.A 2015  
 (Horiz. or vert., tank) (Mfr's serial No.) (CRN) (Drawing No.) (Natl. Bd. No.) (Year built)

5. ASME Code, Section VIII, Division 1 2013 - -  
 (Edition and Addenda, if applicable (date)) [Code Case Nos.] [Special Service per UG-120(d)]

6. Shell: SA106-B 0.500" 0.0625" 11.750" 3'-4"  
 (Material spec. number, grade) (Nominal thickness) (Corr. Allow.) (Inner diameter) (Length (overall))

Body Flanges on Shells										Bolting		
No.	Type	ID	OD	Flange Thk.	Min Hub Tnk.	Material	How Attached	Location	Num & Size	Bolting Material	Washer (OD, ID, thk)	Washer Material
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-

7. Seams: Seamless None 100 1150 1.08 Type 1 Full 100 1  
 (Long. (Welded, Dbl., Sngl., Lap, Butt)) (R. T. (Spot or Full)) (Eff. (%)) (H. T. Temp. °F) (Time, hr) (Grth. (Welded, Dbl., Sngl., Lap, Butt)) (R. T. (Spot, or Full)) (Eff. (%)) (No. of Courses)

8. Heads: (a) Matl. SA516-70N (b) Matl. SA516-70N  
 (Spec. No., Grade) (Spec. No., Grade)

	Location (Top, Bottom, Ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
(a)	Left Head	0.4375"	0.0625"	-	-	2:1	-	-	-	Concave
(b)	Right Head	0.4375"	0.0625"	-	-	2:1	-	-	-	Concave

Body Flanges on Heads										Bolting		
	Location	Type	ID	OD	Flange Thk.	Min Hub Tnk.	Material	How Attached	Num & Size	Bolting Material	Washer (OD, ID, thk)	Washer Material
(a)	-	-	-	-	-	-	-	-	-	-	-	-
(b)	-	-	-	-	-	-	-	-	-	-	-	-

9. MAWP 645 psi - psi at max. temp. 350 °F  
 (Internal) (External) (Internal) (External)

Min. design metal temp. -20 °F at 645 psi. Hydro., pneu., or comb. test pressure 839 psi.  
 Proof Test -

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain, Etc.)	No.	Diameter or Size	Type	Material		Nozzle Thickness		Reinforcement Material	Attachment Details		Location (Insp. Open.)
				Nozzle	Flange	Nom.	Corr.		Nozzle	Flange	
Gas Inlet	1	5" CI.300	RFWN	SA106-B	SA105-N	0.625"	0.0625"	SA516-70N	UW16.1(c)	Type 1	Shell
Gas Outlet / IO	1	3" CI.300	RFWN	SA106-B	SA105-N	0.438"	0.0625"	SA516-70N	UW16.1(c)	Type 1	Head
Drain	1	1" CI.300	RFLWN	SA105-N	-	0.56"	0.0625"	SA516-70N	UW16.1(c)	-	Head
Inspection Opening	1	2" CI.300	RFWN	SA106-B	SA105-N	0.438"	0.0625"	SA516-70N	UW16.1(c)	Type 1	Shell
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-

11. Supports: Skirt No Lugs 0 Legs 0 Other - Attached Bolted to Compressor  
 (Yes or No) (No.) (No.) (Describe) (Where and How)

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

(Name of part, item number, Mfr's name, and identifying stamp)

Service: Sweet Gas Constructed to Drawing: 14-Q304-521 Rev.B

Shipping Weight: 582 lb. (264 kg.) Stage 1 Discharge Bottle (T4-V-253)

Cubic Capacity: 3.07 Cubic Feet (0.087 Cubic Meters)

PSV on Pipe as per UG-125(g)

Impact Testing: Exempt per UG-20(f) 1-5

Radiography: RT-1 to UW-11(a)



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 Code for Pressure Vessels, Section VIII, Division 1. "U" Certificate of Authorization No. 30,982  
expires January 27, 2017  
Date July 30, 2015 Co. name Bidell Equipment L.P. Signed [Signature]  
(Manufacturer) (Representative)

CERTIFICATE OF SHOP / FIELD INSPECTION

Vessel constructed by Bidell Equipment LP at 6900-112th Ave. S.E. Calgary, Alberta, T2C 4Z1, Canada  
I, 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 ABSA  
have inspected the component described in this Manufacturer's Data Report on AUG 04 2015 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/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.  
Date AUG 04 2015 Signed [Signature] Commissions AB 145 NB 12375 A, B, N  
(Authorized Inspector) [Nat'l Board (incl. endorsements), State, Prov. and No.]

ASME  
U  
W  
RT-1  
HT

CERTIFIED BY:

**BIDELL**  
EQUIPMENT LP

6900 - 112 AVENUE S. E.  
CALGARY, AB, T2C-4Z1

PHONE: (403) 235-5877  
FAX: (403) 272-7749

M.A.W.P. 645 PSI @ 350 °F

M.D.M.T. -20 °F @ 645 PSI

YEAR BUILT 2015 C.R.N. W9812.21

S/N: 14-925-521

SHELL: SA-106-B THK: 0.500

HEAD: SA-516-70N THK: 0.4375

TAG: (A) 613289

**FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS**  
 (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

A 656340

1. Manufactured and certified by BIDELL EQUIPMENT LP., 6900-112th Ave. S.E. Calgary, Alberta, T2C 4Z1, Canada  
 (Name and address of manufacturer)

2. Manufactured for Encana Gas Compression, 855 - 2nd Street S.W., Calgary, AB, T2P 1B9, Canada  
 (Name and address of purchaser)

3. Location of installation 15-31-62-21 W5M  
 (Name and address)

4. Type Horizontal 14-925-522 W9814.21 14-Q304-522 Shis 1,2,3 Rev.A 2015  
 (Horiz. or vert., tank) (Mfr's serial No.) (GRN) (Drawing No.) (Nat'l. Bd. No.) (Year built)

5. ASME Code, Section VIII, Division 1 2013  
 (Edition and Addenda, if applicable (date)) (Code Case Nos.) (Special Service per UG-120(d))

6. Shell: SA106-B 0.500" 0.0625" 11.750" 3'-0"  
 (Material spec. number, grade) (Nominal thickness) (Corr. Allow.) (Inner diameter) (Length (overall))

**Body Flanges on Shells**

No.	Type	ID	OD	Flange Thk	Min Hub Trk	Material	How Attached	Location	Bolting				
									Num & Size	Bolting Material	Washer (OD, ID, thk)	Washer Material	
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-

7. Seams: Seamless None 100 1150 1.08 Type 1 Full 100 1  
 (Long: (Welded, Dbl., Sngl., Lap, Butt)) (R. T. (Spot or Full)) (Eff. (%)) (H. T. Temp. °F) (Time, hr) (C/M: (Welded, Dbl., Sngl., Lap, Butt)) (R. T. (Spot, or Full)) (Eff. (%)) (No. of Courses)

8. Heads: (a) Matl. SA516-70N (b) Matl. SA516-70N  
 (Spec. No., Grade) (Spec. No., Grade)

	Location (Top, Bottom, Ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
(a)	Left Head	0.4375"	0.0625"	-	-	2:1	-	-	-	Concave
(b)	Right Head	0.4375"	0.0625"	-	-	2:1	-	-	-	Concave

**Body Flanges on Heads**

	Location	Type	ID	OD	Flange Thk	Min Hub Trk	Material	How Attached	Bolting				
									Num & Size	Bolting Material	Washer (OD, ID, thk)	Washer Material	
(a)	-	-	-	-	-	-	-	-	-	-	-	-	-
(b)	-	-	-	-	-	-	-	-	-	-	-	-	-

9. MAWP 645 psf. - psf at max. temp. 350 - °F.  
 (Internal) (External) (Internal) (External)

Min. design metal temp. -20 °F at 645 psf. Hydro., pres., or comb. test pressure 839 psf.

Proof Test -

10. Nozzles, Inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain, Etc.)	No.	Diameter or Size	Type	Material		Nozzle Thickness		Reinforcement Material	Attachment Details		Location (Insp. Open.)
				Nozzle	Flange	Nom.	Corr.		Nozzle	Flange	
Gas Inlet	1	3" Cl. 900	RFWN	SA106-B	SA106-N	0.438"	0.0625"	SA516-70N	UW16.1(c)	Type 1	Shell
Gas Outlet / IO	1	3" Cl. 300	RFWN	SA106-B	SA106-N	0.438"	0.0625"	SA516-70N	UW16.1(c)	Type 1	Head
Drain	1	1" Cl. 300	RFLWN	SA105-N	-	0.56"	0.0625"	SA516-70N	UW16.1(c)	-	Head
Inspection Opening	1	2" Cl. 300	RFWN	SA106-B	SA105-N	0.438"	0.0625"	SA516-70N	UW16.1(c)	Type 1	Shell
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-

11. Supports: Skirt No Lugs 0 Legs 0 Other - Attached Bolted to Compressor  
 (Yes or No) (No.) (No.) (Describe) (Where and How)

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

(Name of part, item number, Mfr's. name, and identifying stamp)

Service: Sweet Gas Constructed to Drawing: 14-Q304-522 Rev.B

Shipping Weight: 497 lb. (226 kg.) Stage 2 Discharge Bottle (T4-V-259)

Cubic Capacity: 2.82 Cubic Feet (0.08 Cubic Meters)

PSV on Pipe as per UG-126(g)

Impact Testing: Exempt per UG-20(f) 1-5

Radiography: RT-1 to UW-11(a)

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 Code for Pressure Vessels, Section VIII, Division 1, "U" Certificate of Authorization No. 30,982

expires January 27, 2017

Date July 30, 2015

Co. name Bideil Equipment L.P.

Signed



(Manufacturer)

(Representative)

CERTIFICATE OF SHOP / FIELD INSPECTION

Vessel constructed by Bideil Equipment LP at 6900-112th Ave. S.E. Calgary, Alberta, T2C 4Z1, Canada

I, 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

ABSA

have inspected the component described in this Manufacturer's Data Report on July 31, 2015 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/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.

Date July 31, 2015

Signed



Commissions

NB 13646A

AB 338A

(Authorized Inspector)

(Nat'l Board (incl. endorsements), State, Prov. and No.)

S  
M  
E  
U  
W  
RT-1  
HT

CERTIFIED BY

**BIDELL**  
EQUIPMENT LP

6900 112 AVENUE S. E.  
CALGARY, AB, T2C 4Z1

PHONE: (403) 235-5877  
FAX: (403) 272-7749

M.A.W.P. 645 PSI @ 350 °F

M.D.M.T. -20 °F @ 645 PSI

YEAR BUILT 2015 C.R.N. W9814 21

S/N: 14-925-522

SHELL: SA-106-R THK: 0.500

HEAD: SA-516-70N THK: 0.4375

TAG: (A) 656340