

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

1. Manufactured and certified by Dynacorp Fabricators Inc., 10201 88th Ave, Clairmont, Alberta, T0H 0W0, Canada  
 (Name and address of Manufacturer)

2. Manufactured for Noble Energy Inc., 1001 Noble Energy Way, Houston, Texas, 77070, USA  
 (Name and address of Purchaser)

3. Location of Installation Portable  
 (Name and address)

4. Type Vertical 1J176829C Y4606.2 5300-62-Rev. 1 249 2017  
 (Horizontal or vertical, tank) (Manufacturer's serial number) (CRN) (Drawing number) (National Board number) (Year built)

5. ASME Code, Section VIII, Division 1 2015/ N/A N/A N/A  
 [Edition and Addenda, if applicable (date)] (Code Case numbers) (Special service per UG-120(d))

6. Shell: SA-516-70N 2.25 in 0.125 in 24.00" (ID) 75.750"  
 (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
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

7. Seams: Type 1 Full 100 1150 °F 2 hour 15 mins Type 1 Full 100 1  
 [Long. (welded, dbl., sngl., lap, butt)] [R.T.(spot or full)] (Eff.,%) (H.T. temp) (Time, hr) [Girth. (welded, dbl., sngl., lap, butt)] [R.T. (spot or full)] (Eff., %) (No. of courses)

8. Heads: (a) Material SA-516-70N (b) Material 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)	Bottom	1.125	0.125	N/A	N/A	N/A	N/A	12.375"	N/A	Concave
(b)	Top	2.00	0.125	N/A	N/A	2:1	N/A	N/A	N/A	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)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

9. MAWP 3000 psi N/A at max. temp. 200 °F N/A  
 (Internal) (External)

Min. design metal temp. -50 °F at 3000 psi . Hydro, pneu., or comb. test pressure HYDRO @ at 3900 psi .

Proof test N/A .

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	
Inlet/Inspection	1	NPS 3	RTJHB CL 1500	SA-350-LF2-1		1.645	0.125		UW16.1(c)		N1 (Shell)
Gas Out	1	NPS 3	RTJLWN CL 1500	SA-350-LF2-1		1.125	0.125		UW16.1(a)		N2 (Head)
Drain	1	NPS 3	RTJLWN CL 1500	SA-350-LF2-1		1.125	0.125		UW16.1(c)		N3 (Head)

Additional Nozzles - See Attached U-4...

11. Supports: Skirt Yes Lugs N/A Legs 4 Other N/A Attached Legs welded on repads on the vessel  
 (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:

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

See Attached U4

Impact Test Summary:  
Shell, Head and Repads Impact Test to -50F  
Flanges: Exempt as per UCS-66(g)

Flanges are integral to Nozzles

Production Impact Test Coupon: Same Heat # and PWHT as Shell. Test per UG-84  
 Additional Remarks - See Attached U-4...

## CERTIFICATE OF SHOP/FIELD COMPLIANCE

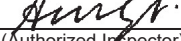
We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel conform to the ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. "U" Certificate of Authorization Number 38136 expires December 22, 2017.

Date 09/12/2017 Co. name Dynacorp Fabricators Inc. Signed   
(Manufacturer) (Representative)

## CERTIFICATE OF SHOP/FIELD INSPECTION

Vessel constructed by Dynacorp Fabricators Inc. at 10201 88th Ave, Clairmont, Alberta, T0H 0W0, Canada  
I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and employed by Alberta Boilers Safety Association (ABSA), of Calgary, Alberta, Canada

have inspected the component described in this Manufacturer's Data Report on September 14, 2017, 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 09/14/2017 Signed  Commissions 14773  
(Authorized Inspector) [National Board (incl. endorsements)]

FORM U-4 MANUFACTURER'S DATA REPORT SUPPLEMENTARY SHEET

As Required by the Provisions of the ASME Boiler and Pressure Vessel Code Rules, Section VIII, Division 1

1. Manufactured and certified by Dynacorp Fabricators Inc., 10201 88th Ave, Clairmont, Alberta, T0H 0W0, Canada  
(Name and address of Manufacturer)

2. Manufactured for Noble Energy Inc., 1001 Noble Energy Way, Houston, Texas, 77070, USA  
(Name and address of Purchaser)

3. Location of installation Portable  
(Name and address)

4. Type Vertical N/A 1J176829C  
(Horizontal, vertical, or sphere) (Tank, separator, heat exch., etc.) (Manufacturer's serial number)

Y4606.2 5300-62-Rev. 1 249 2017  
(CRN) (Drawing number) (National Board number) (Year built)

Data Report  
 Item Number Remarks

Additional Remarks:

Average 15FT-LBS/20.1 Joules on Charpy Impact Test Energy for one specimen shall not be less than 10FT-LBS as per fig UG-84.1


Volume: 261 FT^3, Construction 1J176817-5103 Rev6

PAUT in lieu of Radiography as per UW51(a)(4) on CS-2

Additional 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	
PSV	1	NPS 1.5	RTJLWN CL 1500	SA-350-LF2-1		0.625	0.125		UW16.1(a-1)		N4 (Shell)

Certificate of Authorization: Type "U" No. 38136 Expires December 22, 2017

Date 09/12/2017 Name Dynacorp Fabricators Inc. Signed   
(Manufacturer) (Representative)

Date 09/14/2017 Signed  Commissions 14773  
(Authorized Inspector) (National Board Authorized Inspector Commission number)

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

1. Manufactured and certified by Dynacorp Fabricators Inc., 10201 88th Ave, Clairmont, Alberta, T0H 0W0, Canada  
 (Name and address of Manufacturer)

2. Manufactured for Noble Energy Inc., 1001 Noble Energy Way, Houston, Texas, 77070, USA  
 (Name and address of Purchaser)

3. Location of Installation Portable  
 (Name and address)

4. Type Horizontal 1J176829A Y1968.21 5300-47-01-01 247 2017  
 (Horizontal or vertical, tank) (Manufacturer's serial number) (CRN) (Drawing number) (National Board number) (Year built)

5. ASME Code, Section VIII, Division 1 2015/ N/A N/A N/A  
 [Edition and Addenda, if applicable (date)] (Code Case numbers) (Special service per UG-120(d))

6. Shell: SA-333-6 1.125 in 0.100 in 8.50" (ID) 174.0"  
 (Material spec. number, grade) (Nominal thickness) (Corr. allow.) (Inner diameter) (Length (overall))

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

7. Seams: Seamless N/A 100 1150 °F 1 hour 15 mins Type 1 Full 100 1  
 [Long. (welded, dbl., singl., lap, butt)] [R.T.(spot or full)] (Eff.,%) (H.T. temp) (Time, hr) [Girth. (welded, dbl., singl., lap, butt)] [R.T. (spot or full)] (Eff., %) (No. of courses)

8. Heads: (a) Material SA-350-LF2-1 (b) Material 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)	Quick Closure	1.79	0.125	10.75"	N/A	0	N/A	0.0"	N/A	Concave
(b)	Ends	0.82	0.100	0.0"	N/A	2:1	N/A	0.0"	N/A	Concave

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)	Washer Material
(a)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

9. MAWP 3000 psi N/A at max. temp. 200 °F N/A  
 (Internal) (External) (Internal) (External)

Min. design metal temp. -50 °F at 3000 psi Hydro, pneu., or comb. test pressure HYDRO @ at 3900 psi

Proof test N/A

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 Out	1	NPS 3	RTJLWN CL 1500	SA-350-LF2-1		1.125	0.100		UW16.1(c)		N6(head)
Connector	1	NPS 4	RTJLWN CL 1500	SA-350-LF2-1		1.19	0.100		UW16.1(a)		N7 (Shell)
PSV	1	NPS 1.5	RTJLWN CL 1500	SA-350-LF2-1		0.625	0.100		UW16.1(a)		N8 (Shell)
Blow Downs	2	NPS 2	RTJLWN CL 1500	SA-350-LF2-1		1.063	0.100		UW16.1(a)		N9, N10(Shell)

11. Supports: Skirt No Lugs N/A Legs N/A Other Saddles Attached Welded to Saddle Repads on Vessel  
 (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:

In Line Flow Products Limited. ASME U Certified of Authorization# 33,859 CRN: 0H04712.213 Serial Number: 104305

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

Impact Test Summary: Head, Nozzle, Flanges, Exempt as per UCS-66(g) Production Impact test done to UG-84 -50F

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 38136 expires December 22, 2017.


Date 09/14/2017 Co. name Dynacorp Fabricators Inc. Signed   
 (Manufacturer) (Representative)

CERTIFICATE OF SHOP/FIELD INSPECTION

Vessel constructed by Dynacorp Fabricators Inc. at 10201 88th Ave, Clairmont, Alberta, T0H 0W0, Canada

I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and employed by Alberta Boilers Safety Association (ABSA), of Calgary, Alberta, Canada

have inspected the component described in this Manufacturer's Data Report on September 14, 2017, 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 09/14/2017 Signed  Commissions 14773  
 (Authorized Inspector) [National Board (incl. endorsements)]

NB 247

A-663800

FORM U-2A MANUFACTURER'S PARTIAL DATA REPORT (ALTERNATIVE FORM)  
 A Part of a Pressure Vessel Fabricated by One Manufacturer for Another Manufacturer  
 As Required by the Provisions of the ASME Boiler and Pressure Vessel Code Rules, Section VIII, Division 1

Manufactured and certified by In-Line Flow Products Limited, 9426-39 Avenue, Edmonton, AB, Canada, T6E 5T9  
 (Name and address of Manufacturer)  
 Manufactured for Built for Stock  
 (Name and address of Purchaser)  
 3. Location of installation Not Known  
 (Name and address)  
 4. Type (NPS10 S160 Horizontal Quick Opening Closure) 104296 to 104320 (Inclusive) 104305 0H04712.213  
 (Description of vessel part (shell, two-piece head, tube bundle)) (Manufacturer's serial number) (CRN)  
N/A CL11074 Rev 0 In-Line Flow Products Limited 2016  
 (National Board number) (Drawing number) (Drawing prepared by) (Year built)  
 5. ASME Code, Section VIII, Div. 1 2015 Edition N/A N/A  
 (Edition and Addenda, if applicable (date)) (Code Case number) (Special service per UG-120(d))  
 6. Shell: (a) Number of course(s) One (1) (b) Overall length 0.00 Feet - 7.00 Inches

Course(s)			Material		Thickness		Long. Joint (Cat. A)			Circum. Joint (Cat. A, B & C)			Heat Treatment	
No.	Diameter	Length	Spec./Grade or Type	Nom.	Corr.	Type	Full, Spot, None	Eff.	Type	Full, Spot, None	Eff.	Temp.	Time	
1	8 500" I.D.	0.00R - 7.00in	SA350 Grade LF2	1.125"	1/8"	S	None	1.00	N/A	N/A	N/A	N/A	N/A	
			Class 1											
			Normalized											

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	
N/A													
N/A													
N/A													
N/A													

7. Heads: (a) SA350 Grade LF2 Class 1 Normalized (b) N/A  
 (Material spec. number, grade or type) (H.T. — time and temp) (Material spec. number, grade or type) (H.T. — time and temp.)

Location (Top, Bottom, Ends)	Thickness		Radius		Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure		Category A		
	Min.	Corr.	Crown	Knuckle					Convex	Concave	Type	Full, Spot, None	Eff.
End	1.79"	1/8"	10.75"						Yes	N/A	N/A	N/A	N/A

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

8. MAWP 3705 psig 15 psig at max. temp. 400F 400F Min. design metal temp. -50F at 3705 psig  
 (Internal) (External) (Internal) (External)

9. Impact test See Remarks at test temperature of \_\_\_\_\_  
 (Indicate yes or no and the component(s) impact tested)

10. Hydro., pneu., or comb. test pressure See Remarks Proof test N/A

11. 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	
Pres. Alert Fitting Opening	One	NPS1/2	N/A	N/A	N/A	N/A	N/A	Inherent	N/A	N/A	Shell
								UG-36(c)(3)(b)			

12. Identification of part(s)

Name of Part	Quantity	Line No.	Mfr's. Identification No.	Mfr's. Drawing No.	CRN	National Board No.	Year Built
N/A							
N/A							

13. Supports: Skirt No Lugs N/A Legs N/A Other  Davit Attached  Welded (Head/Hub)  
 (Yes or no) (Number) (Number) (Describe) (Where and how)

14. Remarks

- Line 1 - Engineering and design by In-Line Flow Products Limited.
- Line 6, 7 - PWHT not performed on completed assembly. PWHT to be performed by others, if required by Owner.
- Line 9 - Head and hub material exempt from impact testing to -50F per UCS-66(g) for verification.
- Line 9 - Material impact testing by material manufacturer.
- Line 9 - Closure assembly not impact tested (production impact testing not required).
- Line 10 - Hydrotest to be performed by others.
- Line 11 - Closure equipped with one (1) 1/2" NPT Pressure Alert Fitting (Installed by In-Line Flow Products Limited).
- Line 4 - Drawing Number CL11074 Rev 1 used in construction.

MATERIAL ACCEPTED  
 2015 Addenda N/A  
 14-6-17 date

NB 247

A-663800

FORM U-2A (Back)

CERTIFICATE OF SHOP/FIELD COMPLIANCE

We certify that the statements made in this report are correct and that all details of material, construction, and workmanship of this pressure vessel part conform to the ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1.

U Certificate of Authorization No. 33,859 Expires March 26, 2018  
Date Dec. 07, 2016 Name In-Line Flow Products Limited Signed [Signature] (Manufacturer) (Representative)

CERTIFICATE OF SHOP/FIELD INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and employed by Alberta Boilers Safety Association (ABSA) of Alberta

have inspected the pressure vessel part described in this Manufacturer's Data Report on December 07, 2016 and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel part 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 part 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 Dec. 07, 2016 Signed [Signature] Commissions AB 245 NB 12897 A, B (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

1. Manufactured and certified by Dynacorp Fabricators Inc., 10201 88th Ave, Clairmont, Alberta, T0H 0W0, Canada  
 (Name and address of Manufacturer)

2. Manufactured for Noble Energy Inc., 1001 Noble Energy Way, Houston, Texas, 77070, USA  
 (Name and address of Purchaser)

3. Location of Installation Portable  
 (Name and address)

4. Type Horizontal 1J176829B Y1968.21 5300-47-01-01 248 2017  
 (Horizontal or vertical, tank) (Manufacturer's serial number) (CRN) (Drawing number) (National Board number) (Year built)

5. ASME Code, Section VIII, Division 1 2015/ N/A N/A N/A  
 [Edition and Addenda, if applicable (date)] (Code Case numbers) (Special service per UG-120(d))

6. Shell: SA-333-6 1.125 in 0.100 in 8.50" (ID) 174.0"  
 (Material spec. number, grade) (Nominal thickness) (Corr. allow.) (Inner diameter) (Length (overall))

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

7. Seams: Seamless N/A 100 1150 °F 1 hour 15 mins Type 1 Full 100 1  
 [Long. (welded, dbl., sngl., lap, butt)] [R.T.(spot or full)] (Eff.,%) (H.T. temp) (Time, hr) [Girth. (welded, dbl., sngl., lap, butt)] [R.T. (spot or full)] (Eff., %) (No. of courses)

8. Heads: (a) Material SA-350-LF2-1 (b) Material 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)	Ends	0.82	0.100	N/A	N/A	2:1	N/A	0.0"	N/A	Concave
(b)	Ends	0.82	0.100	N/A	N/A	2:1	N/A	0.0"	N/A	Concave

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)	Washer Material
(a)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

9. MAWP 3000 psi N/A at max. temp. 200 °F N/A  
 (Internal) (External) (Internal) (External)

Min. design metal temp. -50 °F at 3000 psi Hydro, pneu., or comb. test pressure HYDRO @ at 3900 psi

Proof test N/A

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	
<b>Inlet/Inspection</b>	1	NPS 3	RTJLWN CL 1500	SA-350-LF2-1		1.125	0.100		UW16.1(a)		N1 (Head)
<b>Blow Down</b>	2	NPS 2	RTJLWN CL 1500	SA-350-LF2-1		1.063	0.100		UW16.1(a)		N2, N3 (Shell)
<b>Connection/Inspection</b>	1	NPS 4	RTJLWN CL 1500	SA-350-LF2-1		1.19	0.100		UW16.1(a)		N4 (Shell)
<b>Blow Down/Inspection</b>	1	NPS 3	RTJLWN CL 1500	SA-350-LF2-1		1.125	0.100		UW16.1(a)		N5 (Head)

11. Supports: Skirt No Lugs N/A Legs N/A Other Saddles Attached Welded to Saddle Repads on Vessel  
 (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:  
N/A  
 (Name of part, item number, Manufacturer's name and identifying stamp)

**Impact Test Summary: Head, Nozzle, Flanges, Exempt as per UCS-66(g) Production Impact test done to UG-84 -50F**  
**Volume:0.189m3, Construction 1J176817-5101 Rev4**

## CERTIFICATE OF SHOP/FIELD COMPLIANCE

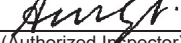
We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel conform to the ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. "U" Certificate of Authorization Number 38136 expires December 22, 2017.

Date 09/12/2017 Co. name Dynacorp Fabricators Inc. Signed   
(Manufacturer) (Representative)

## CERTIFICATE OF SHOP/FIELD INSPECTION

Vessel constructed by Dynacorp Fabricators Inc. at 10201 88th Ave, Clairmont, Alberta, T0H 0W0, Canada  
I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and employed by Alberta Boilers Safety Association (ABSA), of Calgary, Alberta, Canada

have inspected the component described in this Manufacturer's Data Report on September 14, 2017, 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 09/14/2017 Signed  Commissions 14773  
(Authorized Inspector) [National Board (incl. endorsements)]