

FORM U-1A MANUFACTURERS 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 Code Rules, Section VIII, Division 1

①595729

1. Manufactured and certified by Tarpon Energy Services (Process Systems) Ltd. 5550-55 Street S.E. Calgary, Alberta T2C 3G9
(Name and Address of Manufacturer)
2. Manufactured for ConocoPhillips Canada Corporation 401-9th Avenue S.W. Calgary, Alberta T2P 2H7
(Name and address of purchaser)
3. Location of installation 13-9-64-13W6
(Name and address)
4. Type HORIZONTAL 10-062-HS L-B645.21 99-181-A REV 3 N/R 2010
(Horiz. or vert., tank) (Mfr's serial No.) (CRN) (Drawing No.) (Nat'l Bd. No.) (Year built)

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 2007
Year
to 2009 N/A N/A

6. Shell SA-516-70N 1.75" 0.0625 3'-8.5" 20'-0"
Addenda (Date) Code case Nos. Special Service per UG-120(d)
Mat'l. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)

7. Seams: TYPE 1 FULL 100% 1150° 1hr-45min TYPE 1 FULL 100% 2
Long (Welded, Dbl., Singl., Lap, Butt) R.T. (Spot or Full) Eff. (%) H.T. Temp. (° F) Time (hr) Girth (Welded, Dbl., Singl., Lap, Butt) R.T. (Spot or Full) Eff. (%) No. of Courses

8. Heads: (a) Mat'l. SA-516-70N (b) Mat'l. 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) | END HEAD | 1.69" | 0.0625" | | | 2:1 | | | | CONCAVE |
| (b) | END HEAD | 1.69" | 0.0625" | | | 2:1 | | | | CONCAVE |

If removable, bolts used (describe other fastenings) NA
(Mat'l. Spec. No., Gr., Size, No.)

9. MAWP 1440 psi at max. temp. 100°F
Internal External Internal External
Min. design metal temp -20 °F at 1440 psi Hydro., pneu., or comb. test pressure 1872 psi

10. Nozzles, inspection and safety valve openings:
- | Purpose (Inlet, Outlet, Drain) | No. | Diam. or Size | Type | Mat'l. | Nom. Thk. | Reinforcement Mat'l. | How Attached | Location |
|--------------------------------|-----|---------------|------|--------------|-----------|----------------------|--------------|----------|
| | | | | SEE ATTACHED | FORM | U-4 | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

11. Supports: Skirt NO Lugs 2 Legs NO Other SADDLES Attached BTM WELDED
(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)

DESC: HORIZONTAL INLET SEPARATOR -V-100, VOLUME: 268.80 CU.FT (7.62 CU.M.) Shell, Heads & production welds are Impact tested per UG-84(f) (1) 15/112 R-Ib, @ -20 °F. All other components are exempt per UG-20(f) 1-5, UCS-66(b)(1)(a), UCS-66(c), UCS-66(b)(1)(c) & Fig. UCS-66 general note (e).

Blind Flange 20" CL 600 RF, Mat'l SA-105N Studs- 1 5/8" Ø x 11 1/2" LG C/W 2 Nuts Ea. Fabrication Drawing # 10-062-HS Rev. 2 (Sweet Service)

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 No. 32685 expires JULY 11, 2010

Date March 4, 2010 Co. name Tarpon Energy Services (Process Systems) Ltd. Signed Samir
(Manufacturer) (Representative)

CERTIFICATE OF SHOP / FIELD INSPECTION

Vessel constructed by Tarpon Energy Services (Process Systems) Ltd. At 5550-55th Street S.E. Calgary Alberta T2C 3G9
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 MAR - 6 2010, 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 MAR - 6 2010 Signed [Signature] Commissions ALTA # 11
(Authorized Inspector) (Nat'l Board (incl. endorsements), State, Prov. and No.)

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 Tarpon Energy Services (Process Systems) Ltd. 5550-55 Street S.E. Calgary, AB. T2C 3G9
 (Name and address of Manufacturer)

2. Manufactured for ConocoPhillips Canada Corporation 401-9th Avenue S.W. Calgary, Alberta T2P 2H7
 (Name and address of Purchaser)

3. Location of installation 13-9-64-13W6
 (Name and address)

4. Type: HORIZONTAL SEPARATOR 10-062-HS
 -HS (Horiz., vert., or sphere) (Tank, separator, heat exh., etc.) (Mfg's. serial No.)

L-8645.21 99-181-A REV 3 N/R 2010
 (CRN) (Drawing No.) (Nat'l Bd. No.) (Year Built)

Data Report
 Item Number 10
 Continued from Form U1a

Remarks

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Mat'l	Nom. Thk.	Reinforcement Mat'l	How Attached	Location
INLET	2	6"	RFLWN	SA-105N	1.38"	INHERENT	UW-16.1(c)	SHELL
GAS OUTLET		CL 600						
COND. OUTLET	1	3"	RF'HB'	SA-105N	1.24"	INHERENT	UW-16.1(c)	SHELL
		CL 600						
PSV	1	11/2"	RFLWN	SA-105N	0.63"	INHERENT	UW-16.1(c)	SHELL
		CL 600						
WATER OUTLET	1	3"	RF'HB'	SA-105N	1.24"	INHERENT	UW-16.1(c)	SHELL
		CL 600						
LC BRIDLE	1	1 1/2"	CPLG	SA-105N	N/A	INHERENT	UW-16.1(c)	SHELL
		CL 3000						
LC BRIDLE	1	1 1/2"	TOL	SA-105N	N/A	INHERENT	UW-16.1(a)	SHELL
		CL 3000						
LSHH	1	2"	CPLG	SA-105N	N/A	INHERENT	UW-16.1(c)	SHELL
		CL 3000						
EQUALIZING LINE	1	1"CL6000	TOL	SA-105N	N/A	INHERENT	UW-16.1(a)	SHELL
PIPE SUPPT	1	2"CL3000	CPLG	SA-105N	N/A	INHERENT	UW-16.1(a)	SHELL
LG (COND.)	2	3/4"CL6000	TOL	SA-105N	N/A	INHERENT	UW-16.1(a)	SHELL
TI	1	3/4"CL6000	TOL	SA-105N	N/A	INHERENT	UW-16.1(a)	SHELL
PI	1	1/2"CL6000	TOL	SA-105N	N/A	INHERENT	UW-16.1(a)	SHELL
LG (WATER)	1	3/4"CL6000	CPLG	SA-105N	N/A	INHERENT	UW-16.1(c)	SHELL
LG (WATER)	1	3/4"CL6000	TOL	SA-105N	N/A	INHERENT	UW-16.1(a)	SHELL
LC-101 (SLUGGED)	1	2" CL3000	CPLG	SA-105N	N/A	INHERENT	UW-16.1(c)	SHELL
MANWAY	1	20"	RF'HB'	SA-105N	2.97"	INHERENT	UW-16.1(c)	HEAD
		CL 600						

Certificate of Authorization: Type "U" No. 32685 Expires JULY 11 2010

Date MAR 04, 2010 Name Tarpon Energy Services (Process Systems) Ltd. Signed [Signature]
 (Manufacturer) (Representative)

Date MAR - 4 2010 Name [Signature] Commission ALTA # 11
 (Authorized Inspector) (Nat'l Board Incl. Endorsement, State, Province and No.)