

1/2

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 Spitzer Industries, Inc., 11250 Tanner Road, Houston, TX 77041
2. Manufactured for Anadarko, 10205 Westheimer Road, Suite #600, Houston, TX 77042
3. Location of installation Unknown
4. Type Horizontal 13-1412 - J4616-601-1 Rev. 1 18172 2013
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 2010
6. Shell SA-516-70N 1.750" 0.125" 42" 15'-0"
7. Seams Type-1 Full 100 1150 1.75 Type-1 Full 100 2
8. Heads: (a) Material SA-516-70N (b) Material

Table with 10 columns: 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). Rows (a) and (b) show values for various parameters.

If removable, bolts used (describe other fastenings)
9. MAWP 1440 PSIG at max. temp. 120 °F
Min. design metal temp. -20°F at 1440 PSIG. Hydro., pneu., or comb. test pressure 1872 PSIG (Hydro)
Proof test

10. Nozzles, inspection, and safety valve openings:

Table with 12 columns: Purpose (Inlet, Outlet, Drain etc.), No., Diameter or Size, Type, Material (Nozzle, Flange), Nozzle Thickness (Nom., Corr.), Reinforcement Material, Attachment Details (Nozzle, Flange), Location (Insp. Open.). Rows include Inlet, Gas Outlet, Water Outlet, Oil Outlet, PSV, Drain, and Drain, Water & Oil Bridle.

11. Supports: Skirt No Lugs 0 Legs 0 Other Saddles (2) Attached Shell / Welded

12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report: "See 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 34, 811 expires 10/26/2013. Date 10/18/2013 Co. name Spitzer Industries, Inc. Signed Michael Kous

CERTIFICATE OF SHOP/FIELD INSPECTION
Vessel constructed by Spitzer Industries, Inc. at 11250 Tanner Road, Houston, TX 77041
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 Texas and employed by OneCIS Insurance Company
have inspected the component described in this Manufacturer's Data Report on 10/18/2013, 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 10/18/13 Signed [Signature] Commissions NB # 11925A

2/2

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 Spitzer Industries, Inc., 11250 Tanner Road, Houston, TX 77041 (Name and address of Manufacturer)

2. Manufactured for Anadarko, 10205 Westheimer Road, Suite #600, Houston, TX 77042 (Name and address of Purchaser)

3. Location of installation Unknown (Name and Address)

4. Type Horizontal Separator 13-1412 (Horizontal vertical, or sphere) (Tank, separator, heat exch., etc.) (Manufacturers serial number)

- J4616-601-1 Rev. 1 18172 2013 (CRN) (Drawing number) (National Board number) (Year built)

Table with columns: Purpose (Inlet, Outlet, Drain etc.), No., Diameter or Size, Type, Material (Nozzle, Flange), Nozzle Thickness (Nom., Corr.), Reinforcement Material, Attachment Details (Nozzle, Flange), Location (Insp. Open.).

Table with columns: Data Report Item Number, Remarks. Item 12: Head and Shell Impacts per UG-84, Remainder of Vessel Exempt from Impacts per UCS-66 J4616-01 3-Phase Horizontal Separator V-100

Certificate of Authorization: Type "U" No. 34,811 Expires 10/26/2013
Date 10/18/2013 Name Spitzer Industries, Inc. (Manufacturer) Signed Michael Hanna (Representative)
Date 12/10/13 Name [Signature] (Authorized Inspector) Commissions NB # 11925A (National Board (incl. endorsements), State, Province, and number)