

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 Springs Fabrication, Inc. 850 Aeroplaza Drive Colorado Springs CO 80916 USA
(Name and address of Manufacturer)

2. Manufactured for Anadarko Petroleum Corp. P.O. Box 4995 The Woodlands TX 77387-4995
(Name and address of Purchaser)

3. Location of installation Anadarko Petroleum Corp Wattenberg Plant 1909 Powhatan Rd, Aurora CO 80019
(Name and address)

4. Type Vertical 12-10990-2192 N/A 200-3009 2192 2012
(Horizontal or vertical, tank) (Manufacturer's serial number) (CRN) (Drawing number) (National Board number) (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 2010 Edition
Year

to 2011 Addenda 2714 N/A
[Addenda (date)] (Code Case numbers) [Special service per UG-120(d)]

6. Shell SA-516 Gr. 70 .625" .0625" 5'-10 3/4" 11'-10"
(Material spec. number, grade) (Nominal thickness) (Corr. allow.) (Inner diameter) (Length (overall))

7. Seams TYPE 1 Full 100% None None TYPE 1 Full 100% 2 ea.
[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-516 Gr. 70 (b) Material SA-516 Gr. 70
(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	.625"	.0625"	N/A	N/A	2:1	N/A	N/A	N/A	Concave
(b) BOTTOM	.625"	.0625"	N/A	N/A	2:1	N/A	N/A	N/A	Concave

If removable, bolts used (describe other fastenings) 24 ea. Stud, 1 1/4-8 UNC Full Threaded W/ 2 ea. SAE Flat Washer & 2 ea. Heavy He Head Nut
(Material spec. number, grade, size, number)

9. MAWP 300 psi. 15 psi. at max. temp. 200 deg. F 200 deg. F
(Internal) (External) (Internal) (External)

Min. design metal temp. -50 deg. F at 300 deg.. F Hydro., ~~PRESSURE~~ test pressure 390 psi.
 Proof test None

10. Nozzles, inspection, and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diameter or Size	Type	Material		Nozzle Thickness		Reinforcement	Attachment Details		Location (Insp. Open.)
				Nozzle	Flange	Nom.	Corr.		Nozzle	Flange	
Inlet - A	1 ea	12" 300#	RFLWN	SA-105N	N/A	2.2800"	2.2175"	None	UW-16.1 (c)	None	Shell
Vapor Outlet - B	1 ea	12" 300#	RFLWN	SA-105N	N/A	2.2800"	2.2175"	None	UW-16.1 (c)	None	Top Head
Press Guage - C	1 ea	1.5" 300#	RFLWN	SA-105N	N/A	.6250"	.5625"	None	UW-16.1 (c)	None	Shell
Manway - D	1 ea	20" 300#	RFLWN	SA-105N	N/A	5.2500"	5.1875"	None	UW-16.1 (c)	None	Shell
Level Bridle-E1/E2	2 ea	2" 300#	RFLWN	SA-105N	N/A	.6550"	.5925"	None	UW-16.1 (c)	None	Shell
Level Switch-G1/G2	2 ea	2" 300#	RFLWN	SA-105N	N/A	.6550"	.5925"	None	UW-16.1 (c)	None	Shell
Liquid Outlet - F	1 ea	4" 300#	Elbow	SA-234 Gr. WPB	SA-105N	.6740"	.6115"	None	UW-16.1 (d)	Cat B (1)	Bottom Head

11. Supports: Skirt Yes Lugs None Legs None Other N/A Attached Attached Welded to Head Welded to Head
(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: No Partial Data Report Required

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

Impact Testing Not Required Per UG-20 (f) (1 thru 5).

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 20,018

expires 12-9-12
 Date 10-22-12 Co. name Springs Fabrication, Inc. Signed [Signature]
(Manufacturer) (Representative)

CERTIFICATE OF SHOP / FIELD INSPECTION

Vessel constructed by Springs Fabrication, Inc. at 850 Aeroplaza Drive Colorado Springs, CO 80916 USA

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 COLORADO and employed by ONE BEACON AMERICA INSURANCE COMPANY have inspected the component described in this Manufacturer's Data Report on OCTOBER 22, 2012, 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 10/22/2012 Signed [Signature] Commissions NB 5659 IS, A/CO-075
(Authorized Inspector) (National Board (incl. endorsements), State, Province, and number)