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: J.W. WILLIAMS INC. 12808 West County Road 91 Midland, Texas 79707 (Name and address of manufacturer)

2. Manufactured for: (Name and address of purchaser)

3. Location of Installation UNKNOWN (Name and address)

4. Type: VERTICAL (Horizontal or vertical tank) | A881 (Manufacturer's serial number) | --- (CRN) | 420-VT-75 REV 6 (Drawing number) | 784 (National Board number) | 2013 (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 (Year)

to 2011 (Addenda (Date)) ----- (Code Case number(s)) NONE (Special Service per UG-120 (d))

6. Shell SA-516-70 (Material spec. number, grade) | .25" (Nominal thickness) | 0 (Corr. allow.) | 48" O.D. (Inner diameter) | 20' 0" S/S (Length (overall))

7. Seams: TYPE 1 (Long (welded, dbl. sngl., lap, butt)) | NONE (R.T. (spot or full)) | 70 (Eff.) | NA (H.T. temp.) | NA (Time, hr) | TYPE 1 (Girth (welded, dbl. sngl., lap, butt)) | NONE (R.T. (spot or full)) | 85 (Eff. %) | 2 (No. of courses)

8. Heads: (a) Material SA-516-70 (Spec. number, grade) (b) Material SA-516-70 (Spec. number, 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	.250"	0	--	--	2:1	--	--	--	CONCAVE
(b)	BOTTOM	.250"	0	--	--	2:1	--	--	--	CONCAVE

If removable, bolts used (describe other fastenings) NONE (Material spec. number, grade, size, number)

9. MAWP 75 (Internal) -- (External) at max temp. 200 (Internal) -- (External)

Min. design metal temp. -20 at 75 Hydro., pneu., or comb. test pressure 98

Proof test YES BRITTLE COAT TESTED PER UG-101

10. Nozzles, Inspection, and safety valve openings:

Purpose (Inlet, Outlet, Drain etc.)	No.	Diameter or Size	Type	Material Nozzle	Material Flange	Nozzle Thickness Nom.	Nozzle Thickness Corr.	Reinforcement Material	Attachment Details Nozzle	Attachment Details Flange	Location (Insp. Open.)
Waterfoil/gas out,Drain	4	3"	RFWN	SA-106B	SA-105	.300"	.0	INTEGRAL	UW-16.1(c)	TYPE 1	S/H
FIRETUBE	1	18"X 40"	PLATE	SA-516-70	SA-516-70	.750"	.0	INTEGRAL	UW-16.1(c)	TYPE 1	SHELL
ANODE	1	4"	RFWN	SA-106B	SA-105	.337"	.0	INTEGRAL	UW-16.1(c)	TYPE 1	SHELL
LG/EQUALIZER	7	2"	RFWN	SA-106B	SA-105	.218"	.0	INTEGRAL	UW-16.1(c)	TYPE 1	SHELL
L.CONN. INST GAS	2	2"	RFWN	SA-106B	SA-105	.218"	.0	INTEGRAL	UW-16.1(c)	TYPE 1	SHELL
EMULSION INLET	1	3"	RFWN	SA-106B	SA-105	.300"	.0	INTEGRAL	UW-16.1(c)	TYPE 1	SHELL
MANWAY	2	18"	PLATE	SA-106B	SA-516-70	.500"	.0	INTEGRAL	UW-16.1(c	TYPE 1	SHELL
T-STAT/T.I.	2	2"	RFWN	SA-106B	SA-105	.218"	.0	INTEGRAL	UW-16.1(c)	TYPE 1	SHELL

11. Supports: Skirt YES (Yes or No) Lugs 2 (No.) Legs -- (No.) Others -- (Describe) Attached W/TB head (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)

Applicable Para. UG-20(F), UG-125 FOR NON-CORROSIVE SERVICE.

PROOF TEST ACCEPTED 9-16-2010 CALCS PER APPENDIX 11

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 36,371 expires 2/05/2016

Date 12-27-13 Co. Name J.W. WILLIAMS INC. (Manufacturer) Signed Donald D. Tefft (Representative)

Vessel constructed by J.W. WILLIAMS INC. at 12808 West County Road 91 Midland, Texas 79707

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 HSBCT have inspected the component described in this Manufacturer's Data Report on 12-27-13, 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 this 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 12-27-13 Signed (Authorized Inspector) Commissions N.B.12612A TX1723 [National Board (incl endorsements) State, Prov. and number]

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