

**FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS**  
 (Alternative Form for Single Chamber, Completely Shop-Fabricated Vessels Only)  
 As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

1. Manufactured and certified by J.W. Williams, Inc. - 3999 Salt Creek Hwy - Casper WY 82601  
(Name and address of manufacturer)

2. Manufactured for Viking Surplus Oilfield Equipment - Box 1460 - Estevan, Sask, Canada S4A 2L7  
(Name and address of purchaser)

3. Location of installation Unknown  
(Name and address)

4. Type Horiz 4240 A2451.3 624-FWKO-75-CA 2876 1994  
(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 1992  
Year

to 1993 NA None  
Addenda (Date) Code Case Nos. Special Service per UG-120(d)

6. Shell: SA-516-70 .250 .063 5'-11 1/2" 24'-0"  
Matl. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)

7. Seams: WSB Spot .85 NA NA WSB Spot 3  
Long. (Welded, Dbl., Sngl., Lap, Butt) R T (Spot or Full) Eff. (%) H.T. Temp. (°F) Time (hr) Girth (Welded, Dbl., Sngl., Lap, Butt) R T (Spot, Partial, or Full) No. of Courses

8. Heads: (a) Matl. SA-516-70 (b) Matl. SA-516-70  
(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)	End	.509	.063	66	4.75					Concave
(b)	End	.481	.063	66	4.75					Concave

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

9. MAWP 75 psi at max. temp. 350 °F  
 Min. design metal temp. -20 °F at 75 psi. Hydro. ~~XXXXXX~~ test pressure 113 psi.

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No	Diam or Size	Type	Matl	Nom Thk	Reinforcement Matl	How Attached	Location
In, Outs, Anode	3/2	4"/3"	CL150Flg	SA-106-B	.337/.30	Inherent	Welded	Shell, Hd
Manway	1	18"	SplFlg	SA-106-B	.50	Inherent	Welded	Head
PRV, SH, Drn, Fls	4	2"	ScdCplg	SA-105	3000#	Inherent	Welded	Shell, Hd
LG, TI, PI	6	1/2"	ScdCplg	SA-105	3000#	Inherent	Welded	Head

11. Supports: Skirt No Lugs None Legs None Other 2 Saddles Attached Shell & Welded  
(Yes or no) (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: NA  
(Name of part, item number, Mfr's name and identifying stamp)

Impact test exemption per UG-20(f)

Free Water Knockout

CERTIFICATE OF SHOP 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 Code for Pressure Vessels, Section VIII, Division 1. "U" Certificate of Authorization No. <u>12244</u> expires <u>5-28</u> , 19 <u>97</u> .	
Date <u>12-2-94</u>	Co. name <u>J.W. Williams, Inc.</u> (Manufacturer) Signed _____ (Representative)
CERTIFICATE OF SHOP INSPECTION	
Vessel constructed by <u>J.W. Williams, Inc.</u> at <u>Casper WY</u>	
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 <u>Illinois</u> and employed by <u>Commercial Union Insurance Company</u>	
have inspected the component described in this Manufacturer's Data Report on <u>12-8</u> , 19 <u>94</u> , and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME Code, Section VIII, Division 1. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his 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 <u>12-8-94</u> Signed _____ (Authorized Inspector)	Commissions <u>NB 9414A</u> <u>ILL 1226</u> (Natl Board and endorsement) State, Prov and No.)