

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 Code Rules, Section VIII, Division 1

File # E02-1328

1. Manufactured and certified by National Tank Company Highway 287 East, Electra, Texas 76360
(Name and address of manufacturer)

2. Manufactured for Natco Stock
(Name and address of purchaser)

3. Location of installation Unknown
(Name and address)

4. Type: Vertical EL-9F20601-03 --- D-101901 R 2 23634 2002
(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 2001
Year

6. Shell: N/A --- --- --- ---
Addenda (Date) Code Case Nos. Special Service per UG-120(d)

6. Shell: SA516-70N 1.75" None 48"OD 10'-0" S/S
Matl. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)

7. Seams: Dbl. Butt Full 100% 1150° 1 hr., 45 mins. Dbl. Butt Full 1
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. SA516-70N (b) Matl. ---
(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-Btm	1.63"	---	---	---	2:1	---	---	---	Concave
(b)									

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

9. MAWP: 1440 psi at max. temp. 130 °F
Min. design metal temp. -10 of at 1440 psi. Hydro., pneu., or comb. test pressure Hydrostatic 1872 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-Out	2	8"	CL600LWN	SA105	1.38"	weld	c*	Hd-Shell
Level Control	1	4"	Hammer Union	SA106-C	.813"	weld	c*	Shell
Outlet	1	4"	CL600LWN	SA105	1.0"	weld	c*	Shell
Drn-Rel-LC-Out	4	2"	Special Bevel Cplg	SA105	6000#	weld	bb*	Shell
Level Gauge	4	3/4"	Special Bevel Cplg	SA105	6000#	weld	bb*	Shell
Press-Supply	2	1/2"	Special Bevel Cplg	SA105	6000#	weld	bb*	Shell

11. Supports: Skirt Yes Lugs -- Legs -- Other --- Attached --- Welded to btm head ---
(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: None

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

48"OD X 10'-0" S/S X 1440# Vertical 3/ph Separator

*UW-16.1. Vessel constructed with no corrosion allowance.

UCS-66(a) Exemption from impact testing.

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 Code for Pressure Vessels, Section VIII, Division 1. "U" Certificate of Authorization No. <u>10,761</u> expires <u>12/31</u> , 2003			
Date <u>10-17-02</u>	Co. name <u>National Tank Company</u>	Signed <u>Carl Jones</u>	<small>(Manufacturer) (Representative)</small>
CERTIFICATE OF SHOP/FIELD INSPECTION			
Vessel constructed by <u>National Tank Company</u> at <u>Highway 287 East, Electra, Texas 76360</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>Texas</u> and employed by <u>OneBeacon America Insurance Co. Boston, MA.</u> have inspected the component described in this Manufacturer's Data Report on <u>Oct. 17</u> , <u>2002</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>10-17-02</u>	Signed <u>[Signature]</u>	Commissions <u>NB # 12472A</u>	<small>(Authorized Inspector) (Nat'l Board incl. endorsements State, Prov. and No.)</small>