

FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS
(Alternate 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

1. Manufactured and certified by SIVALLS, INC. 2200 EAST SECOND STREET ODESSA, TEXAS 79761
(name and address of manufacturer)

2. Manufactured for Stock
(name and address of purchaser)

3. Location of Installation Unknown
(name and address)

4. Type: Horizontal 103291 E1162200-9 14033 2003
(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)

A-02 NONE NONE
(addenda (date)) (code Case no.) (special service per UG-120(d))

6. Shell: SA-516-70 .625" .03125" 6'0" OD 15'0" S/S
(Mat'l. (Spec. No., Grade)) (Nom. thickness (in.)) (Corr. Allow. (in.)) (Diam. I.D. (ft. & in.)) (Length (Overall) (ft. & in.))

7. Seams: Single Butt Full 100 N/A N/A Dbl Butt Full 2
(Long, (Welded, Dbl., Sngl., Lap, Butt)) (RT (spot or full)) (eff. (%)) (HT temp. (°F)) (time (hr.)) (girth (welded dbl. sngl., lap, butt)) (RT (spot, partial, or full)) (no. of courses)

8. Heads: (a) SA-516-70-N (b) SA-516-70-N
(mat'l (spec. no., grade)) (mat'l (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) <u>END</u>	<u>.625"</u>	<u>.03125"</u>			<u>2:1</u>				<u>CONCAVE</u>
(b) <u>END</u>	<u>.625"</u>	<u>.03125"</u>			<u>2:1</u>				<u>CONCAVE</u>

If removable, bolts used (describe other fastenings) N/A
(mat'l., spec. no., grade, size, no.)

9. MAWP: 300 psi at max. temp. 500 °F
Min. design metal temp. -20 °F at 300 psi. Hydro., pneu., or comb test pressure 390 psi.

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Dia. or Size	Type	Mat'l.	Nom. Thickness	Reinforcement Mat'l.	How Attached	Location
Inlet/Outlet	2	8"	RFSO 300# SA-105/Pipe	SA-106-B	.875"	Inherent	Welded	Shell Head
Outlets	2	4"	RFSO 300# SA-105/Pipe	SA-106-B	.674"	Inherent	Welded	Shell
Safety Head	1	3"	RFSO 300# SA-105/Pipe	SA-106-B	.600"	Inherent	Welded	Shell
Pressure Relief	1	2"	Thredolet	SA-182-F304L	3000#	Inherent	Welded	Shell
Drain	2	4"	RFSO 300# SA-105/Pipe	SA-106-B	.674"	Inherent	Welded	Shell
Annode Conn./Misc	7	4"	RFLWN/RFSO 300# SA-105/Pipe	SA-106-B	.674"	Inherent	Welded	Shell & Head
Misc	10	1/2"	(8) Long Couplings (2) Thredolets	SA-182-F304L	3000#	Inherent	Welded	Shell Head
Manway	1	18"	RFLWN	SA-105	300#	Inherent	Welded	Shell
Blind	1	18"	RF	SA-105	300#			

11. Supports: Skirt No Lugs N/A Legs N/A Other Saddles Attached Welded Shell
(Yes or no) (No.) (No.) (Describe) (How and Where)

12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of this report: N/A
(name of part, item number, Mfr's name and identifying stamp)

APPLICABLE PARAGRAPHS UG-20(f) Not for Lethal or Corrosive Service

UCS-66(c)

VESSEL IS A Three Phase Separator

JOB ORDER: 57027

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. 4281 expires 6-2-2005.
Date August 15, 2003 Co. name Sivalls, Inc.-1 Signed Jonny Simmons
(manufacturer) (representative)

CERTIFICATE OF SHOP/FIELD INSPECTION

Vessel constructed by Sivalls, Inc.-1 at Odessa, Texas
I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and the state or province of Texas and employed by HSB CT
of Connecticut have inspected the component described in this Manufacturers' Data Report on August 15, 2003 and state that to the best of my knowledge and belief, the manufacturer has constructed this pressure vessel in accordance with the 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 the Manufacturers' 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 August 15, 2003 Signed D.M. Brunner Commissions Nat'l Bd. 6022A Tx. 566
(Authorized Inspector) (Nat'l Bd. (Incl. endorsements) State, Prov., and No.)