

TANKER TEST AND INSPECTION REPORT

Information as required by Sec. 180.417 (b) & (c) of the D.O.T. Hazardous Materials Regulations

INSPECTION TEST DATE	REPORT NUMBER
7-11-11	4377

OWNER
Basil E. Couch Trucking LLC

PRINCIPAL PLACE OF BUSINESS ADDRESS
345 Plainview Ave.

CITY, STATE, ZIP CODE
Sterling, Co. 80051

TELEPHONE
970 526-2095

NEWTON HYDRO AND METER PROVING, INC.

P.O. BOX 97
GLENCOE, OK 74032
800-226-8617

OWNER'S SERIAL NO. **15**

MFG. DATE **1966**

ORIG. TEST DATE **4-66**

CARRIER'S EQUIPMENT NO. **-**

VESSEL MATERIAL SPEC. NO. **-**

DOT SPECIFICATION NO. **MC-331**

FLUID CAPACITY (GALS.) **10,500**

MANUFACTURER'S SERIAL NO. **207137**

ASME CODE SYMBOL **U**

TYPE OF TEST(S)

☒ EXTERNAL VISUAL (V)

☒ INTERNAL VISUAL (I)

☒ LINING INSPECTION (L)

☒ PRESSURE RETEST (P)

☐ LEAKAGE TEST (K)

☐ Hydrostatic ☐ Pneumatic

☐ THICKNESS TEST (T)

☐ (OTHER)

CERTIFIED BY **Trinity**

MANUFACTURER **Trinity**

WATER CAPACITY (LBS.) **87,465**

MAXIMUM ALLOWABLE WORKING PRESSURE **265** PSI °F

MINIMUM DESIGN METAL TEMPERATURE PSI °F

CHECKLIST OF ITEMS INSPECTED OR TESTED

ITEM	YES	NO	ITEM	YES	NO	ITEM	YES	NO
Tank Shell	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Reclosing Pressure Relief Valves	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Distortions	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Tank Heads	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Nuts and Bolts	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Dents	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Head-to-Shell Seam	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Frangible (Rupture) Disk	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Welds	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Piping	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Major Appurtenances	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	OTHER ITEMS		
Valves	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	- upper coupler assembly	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Emergency		
Gaskets	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	- suspension system attachments	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Excess Flow		
Manhole Covers	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	- connecting structures	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Control		
Manhole Gaskets	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Lining Material	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Performance		
Devices for Tightening Manhole	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Pressure Bearing Portions	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Not Established		
Gaskets on Full Opening Rear Head	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	of Heating Systems	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	for this unit;		
Excess Flow Valves	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Flues for Heating System	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Tank Size		
Remote Closure Devices	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Corroded or Abraded Areas	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			

(CHECK ONE) ☒ NO DEFECT OR DAMAGE DISCOVERED ☐ DEFECTS OR DAMAGE DISCOVERED

Comments:	Make	Relief Valve Test		P	F
		Popped	Seated		
	3"				
	Fishen 3"	1	260 255	<input checked="" type="checkbox"/>	
	Fishen 3"	2	262 255	<input checked="" type="checkbox"/>	
		3			
		4			

THIS UNIT HAS HAULED ☐ ANHYDROUS AMMONIA ☐ (CERTIFIED AS 0.2% WATER BY WEIGHT) ☒ LIQUEFIED PETROLEUM GAS ☐ ANY OTHER MATERIAL THAT MAY CAUSE STRESS CORROSION CRACKING

STRESS RELIEVED AFTER FABRICATION ☐ YES ☐ NO

TEST DATE

DOT REGISTRATION NUMBER OF THE TESTING FACILITY/PERSON

STRESS RELIEVED AFTER REPAIR: ☐ YES (☐ Full ☐ Local) ☐ NO

REPAIR DATE

TESTED BY (Person's Name) **Don Newton**

REPAIRED BY

ADDRESS **P.O. Box 97**

ADDRESS

CITY, STATE, ZIP **Glencoe, OK 74032**

CITY, STATE, ZIP

DISPOSITION OF CARGO TANK: ☐ WITHDRAWN FROM SERVICE ☒ RETURNED TO SERVICE

MARKINGS APPLIED: ☒ YES ☐ NO

SIGNATURE OF INSPECTOR **Don Newton**

DOT REGISTRATION NUMBER **CT0986**

DATE **7-11-11**

SIGNATURE OF OWNER OR REPRESENTATIVE **Basil E. Couch**

DATE **7-11-11**

FORM U-1-A MANUFACTURERS' DATA REPORT FOR UNFIRED PRESSURE VESSELS

Alternate Form For Single Chamber Completely Shop Fabricated Vessels Only

1. Manufactured by Trinity Steel Company, Inc. 4001 Irving Blvd., Dallas, Texas

(Name and address of the manufacturer)

2. Manufactured for Richards Motor Service, P.O. Box 30, Skokie, Illinois

(Name and address of the purchaser)

3. Type Horiz. Vessel No. (207737) (Mfrs. Serial) (State & State No.) Nat'l. Bd. No. 20616 Yr. Built 1966

(HORIZ. or VERT.)

(Mfrs. Serial)

(State & State No.)

4. SHELL: Mat'l. Case 1298F.Bx. T.S. 115,000 Cor. .402 in. Allow. 0 in. Diam. 7 ft. 1 in. Length 38 ft. 0.5 in.

(Kind and Spec. No.) (Fig. or F.B. & Spec. Min. T.S.)

5. SEAMS: Long D.B. Welded H.T. Yes X.R. Complete Section No Efficiency 100 %

(Welded, Dbl., Single, Lap, Butt)

(Yes or No)

(Spot or Complete)

(Yes or No)

If riveted or brazed describe seams fully under remarks.

Girth D.B. Welded H.T. Yes X.R. Complete Sectioned No No. of Courses 46. HEADS: (a) Material Case 1298F.Bx. T.S. 115,000 (b) Material Case 1298F.Bx. T.S. 115,000

	Location (Top, bottom, ends)	Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
(a)	<u>End</u>	<u>.250"</u>					<u>42.5"</u>		<u>Concave</u>
(b)	<u>End</u>	<u>.250"</u>					<u>42.5"</u>		<u>Concave</u>

If removable, bolts used _____ Other fastening _____

(Material, Spec. No., T.S., Size, Number)

(Describe or Attach Sketch)

7. Constructed for max. allowable working press. 265 psi. at max. temp. 115 °F. Min. temp. (when less than 20 °F.) _____ °F. Test Press. 530 psi.

Hydrostatic

Pneumatic

Common

Test

Press.

Top Centerline of Shell

8. SAFETY OR RELIEF VALVE OUTLETS: Number 2 Size 3" Location Top Centerline of Shell

9. NOZZLES:

Purpose, (Inlet Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
	<u>1</u>	<u>4"</u>	<u>Insert</u>	<u>Case 1298F.Bx.</u>	<u>Spc'1</u>	<u>Inherent</u>	<u>Welded</u>
	<u>2</u>	<u>3"</u>	<u>Insert</u>	<u>Case 1298F.Bx.</u>	<u>Spc'1</u>	<u>Inherent</u>	<u>Welded</u>
	<u>*2</u>	<u>8"</u>	<u>Insert</u>	<u>Case 1298F.Bx.</u>	<u>Spc'1</u>	<u>Inherent</u>	<u>Welded</u>

*(1) 8" Recessed Weld Cap w/ (1) 1"-3000# Cpl'g.

(1).25"-6000#Cpl'g., (4).25"N.P.T. & (1).5"N.P.T. In 8" Recessed Flat Plate Welded

10. INSPECTION Manholes, No. 1 Size 15.25 Location Upper Portion of Rear Head

OPENINGS Handholes, No. _____ Size _____ Location _____

Threaded, No. _____ Size _____ Location _____

11. SUPPORTS: Skirt No Lugs _____ Legs _____ Other Tandem & Rub Pl. Box To Pads on Head & Shell

(Yes or No)

(Number)

(Number)

(Describe)

(Where & How)

Welded

12. REMARKS: 85" I.D. 10,500 W.G. SSS-100 Transport Barrel

(Brief description of purpose of the vessel, as Air Tank, Water Tank, L.P.G., Etc. - State Content.)

1 If postweld heat-treated.

2 List other internal or external pressures with coincident temperature when applicable.

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 unfired Pressure Vessels.

Date 4-7 1966 Signed Trinity Steel Co., Inc. By D.M. Andrews

(Manufacturer)

Certificate of Authorization Expires Dec. 31, 1967

CERTIFICATE OF SHOP INSPECTION

VESSEL MADE BY TRINITY STEEL CO., INC. at DALLAS, TEXASI, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State of TEXAS and employed by COMMERCIAL UNION INS. CO.of NEW YORK have inspected the pressure vessel described in this manufacturer's data report on 4/7/66 and state that to the best of my knowledge and belief, the manufacturer has constructed this pressure vessel in accordance with the applicable sections of the ASME Boiler and Pressure Vessel Code.

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 4-7-66G. Werner

Inspector's Signature

N. B. 1043

Nat'l. Board or State and No.

Invoice

Date	Invoice #
10/17/2012	2890

Bill To
JB Pearl Sales & Service 27425 W. Hwy 24 St. Marys, KS 66536

Ship To

P.O. Number	Terms	Rep	Ship	Via	F.O.B.	Project
			10/17/2012			

Quantity	Item Code	Description	Price Each	Amount
18	Shop work	9/27/2012 labor on trailer #T10	65.00	1,170.00T
1	Misc	6 - flow globe valves	2,301.00	2,301.00T
1	Misc	decals	64.50	64.50T
1	Misc	4 - 3 1/4 ACME caps & chains	450.00	450.00T
1	Misc	Reflective tape	182.00	182.00T
1	Misc	2 - 3 1/4 ACME x 1 3/4 ACME	273.90	273.90T
1	Misc	1 - 2" x 5" nipple	16.50	16.50T
1	Misc	2 - 1 3/4" ACME cap & chains	60.00	60.00T
1	Misc	6 - 2" male NPT x 3 1/4 ACME	762.00	762.00T
1	Misc	manifold & hose barbs	119.76	119.76T
1	Misc	clamps	13.00	13.00T
1	Misc	5 - airpod operator valves	350.00	350.00T
25	Shop work	9/28/2012 labor	65.00	1,625.00T
1	Misc	1 - manway gasket	50.00	50.00T
1	Inspection	VK inspection	300.00	300.00T
1	Misc	2 - Fisher 3" operator pods	624.00	624.00T
1	Misc	1 - Fisher 4" belley valve operator pod	617.50	617.50T
1	Misc	6 - 1/4" ss ball valves	139.38	139.38T
1	Misc	6 - 1/4" stLs	72.72	72.72T
1	Misc	6 - 1/4" x 1 1/2 nipples	46.50	46.50T
1	Misc	6 - 1/2" x 1/4" Hex reducers	13.68	13.68T
27	Shop work	10/1/2012 labor	65.00	1,755.00T
1	Misc	Air line	62.50	62.50T
1	Misc	Fittings, clamps, zip strips, pins	221.58	221.58T
1	Misc	1 - Dixie gate valve	97.50	97.50T
1	Misc	Bleeder hose	18.75	18.75T
		Sales Tax	8.30%	946.76
			Total 820	\$12,353.53

POSTED

11/10