

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

V-20 E
 SHEET I OF II

1. Manufactured and certified by RILEY BEAIRD, 601 Benton Kelly Road, Shreveport, LA 71106
(Name and address of manufacturer)

2. Manufactured for Chevron USA, Inc. Concord, CA
(Name and address of purchaser)

3. Location of installation Same Gaviota, CA
(Name and address)

4. Type Horiz. Tank 109182-01-5 109182-01-F 54641 1984
(Major or vert. tank) (Mfg.'s serial No.) (CRN) (Drawing No.) (Mat'l. Id. 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 1983
Year

to Summer, 1984 N/A N/A
Addenda (Date) Code Case Nos. Special Service per UG-120(d)

6. Shell: SA-516-70 1-3/8" 1/8" 12' -9-1/4" I.D. 102' -4-7/8"
Mat'l. (Spec. No., Grade) (Name, Thk. (in.) (Corr. Allow. (in.) (Diam. I.D. (ft & in.) (Length (overall) (ft & in.)

7. Seams: Welded Dbl. Butt Full 100 1100 1 Hr. 23 Mins. Welded Dbl. Butt Full 11
Long. (Welded, Dbl., Sngl., Lap, Butt) R.T. (Spot or Full) EN. (%) H.T. Temp. (F) Time (hr) Girth (Welded, Dbl., Sngl., Lap, Butt) R.T. (Spot, Partial, or Full) No. of Co.

8. Heads: (a) Mat'l. SA-516-70 (b) Mat'l. Head Seams R.T. Full Eff. 100%
(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)
Ends	3/4"	1/8"					76.646"		Concave

If removable, bolts used (describe other fastenings) Ext. 7.5 PSI @ 450°F
(Mat'l., Spec. No., Gr., Size, No.)

MAWP 280 psi at max. temp. 450
 n. temp. (when less than -20°F) 466 °F. Hydro. ~~XXXXXX~~ test pressure

9. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Mat'l.	Thk. (in.)	Reinforcement Mat'l.	How Attached	Location
Manway	1	24"	300# WN	A-350-LF2 w/3/4"	Plate	SA-516-70 SA-516-70	Welded	Shell
Inlet	1	6"	300# WN	A-350-LF2 w/Sch.	80 Pipe	SA-333-6 SA-516-70	Welded	Shell
Outlet	1	8"	300# WN	A-350-LF2 w/Sch.	80 Pipe	SA-333-6 SA-516-70	Welded	Shell
SEE FORM U-4 ATTACHED								

11. Supports: Skirt No Lugs No Legs No Other (2) Saddles Attached Shell Welded
(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: N/A
(Name of part, item number, Mfg.'s name and identifying stamp)

153-1/4" I.D. x 115' -0" O.A. Length 106,153 W.G. Propane Storage Tank

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. 11,840 expires March 12, 1985
 Date 12/3/84 Co. name Riley Beaird Signed [Signature]
(Manufacturer) (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by Riley Beaird at Shreveport, LA
 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 Louisiana and employed by Commercial Union Insurance Company
 have inspected the component described in this Manufacturer's Data Report on 11/20, 19 84, 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 12-4-84 Signed [Signature] Commissions LA, COMM. 898 NB COMM. 7457
(Inspector) (Where and how)

FORM U-4 MANUFACTURER'S DATA REPORT SUPPLEMENTARY SHEET SHEET II OF II
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

1. Manufactured and certified by RILEY BEAIRD 601 BENTON KELLY ROAD SHREVEPORT, LA 71106
(Name and address of manufacturer)

2. Manufactured for Chevron USA, Inc. Concord, CA
(Name and address of purchaser)

3. Location of installation Same Caviota, CA
(Please indicate address)

4. Type Horiz. Tank 109182-01-5 109182-01-F 54641 1984
(Horizontal, vertical, tank, etc.) (Mfg. serial No.) (CRN) (Drawg) (Nat'l. Bd. No.) (Year built)

Data Report
Item Number _____ Remarks _____

10. NOZZLES, INSPECTION & SAFETY VALVE OPENINGS:

Relief	(2)	4"	300#	WN	A-350-LF2 w/Sch.	160 Pipe	SA-333-6	SA-516-70	Welded Shell
Vapor	(1)	4"	300#	WN	A-350-LF2 w/Sch.	160 Pipe	SA-333-6	SA-516-70	Welded Shell
LSL/LAL	(1)	3"	300#	WN	A-350-LF2 w/Sch.	160 Pipe	SA-333-6	SA-516-70	Welded Shell
LIT/L	(1)	3"	300#	WN	A-350-LF2 w/Sch.	160 Pipe	SA-333-6	SA-516-70	Welded Shell
LIT/H	(1)	3"	300#	WN	A-350-LF2 w/Sch.	160 Pipe	SA-333-6	SA-516-70	Welded Shell
TI	(1)	2"	300#	WN	A-350-LF2 w/Sch.	160 Pipe	SA-333-6		Welded Shell
Spare	(1)	2"	300#	WN	A-350-LF2 w/Sch.	160 Pipe	SA-333-6		Welded Shell
PI	(1)	3/4"		Spec.	Cplg. SA-350-LF2	6000#			Welded Shell
PSH/L	(1)	3/4"		Spec.	Cplg. SA-350-LF2	6000#			Welded Shell
LSH/LAH	(1)	3"	300#	WN	A-350-LF2 w/Sch.	160 Pipe	SA-333-6	SA-516-70	Welded Shell

Date 12/3/84 Co. name RILEY BEAIRD Signed [Signature]
(Manufacturer) (Representative)

Date 12-4-84 Signed [Signature] Commissions LA. COMM. 898 N. B. COMM. 745
(Authorized Inspector) (Natl. Board Invt. Endorsements, State Prov. and No.)

NAT'L. BD.

SERIAL NO. 54641

CERTIFIED BY

RILEY-BEAIRD

(NAME OF MANUFACTURER)

280 PSIG AT 450°F INT.
75 PSIG AT 450°F EXT.
(MAX. ALLOWABLE WORKING PRESS.)

109182-01-5
(MANUFACTURER SERIAL NUMBER)

1984
(YEAR BUILT)

PROPANE STORAGE TANK

SHELL 1.5675 IN

HEAD .75 IN

O.D. 1.56 IN

D.R. HEMI IN

P.O.

ITEM

O.A.L.

WT

PERG-010-C-016

VE-20 F

115 FT

258.263 LBS.

252 PSI AT 450°F WITH 125 C.A.
370 PSI MAWP NEW AND COLD

RILEY-BEAIRD

SHREVEPORT, LOUISIANA, USA
A DIVISION OF UNITED STATES RILEY CORP.

109182-01-5

W
RT
HT