

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-20B
 SHEET I OF II

1. Manufactured and certified by RILEY BEAIRD 601 BENTON KELLY ROAD SHREVEPORT, LA 71106
(Name and address of manufacturer)
 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 109182-01-2 109182-01-F 54630 1984
(Name of vessel tank) (Mfg. serial No.) (CRN) (Drawing No.) (Net) 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 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"
Matl. (Spec. No., Grade) Nom. 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) 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. 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

9. If removable, bolts used (describe other fastenings) Ext. 7.5 psi @ 450°F
(Matl., Spec. No., Gr., Size, No.)
 9. MAWP 280 psi at max. temp. 450 °F
 10. Hydro. test pressure 466 psi

11. Inspection and safety valve openings:

Propose or (Drain)	No.	Diam or Size	Type	Matl.	Nom. Thk.	Reinforcement Matl.	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									

1. Supports: Skirt No Lugs (No.) Legs (No.) Other (2) Saddles Attached Shell Welded
(Yes or no) (No.) (No.) (Describe) (Where and how)

2. 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 11/16/84 Co. name Riley Beaird Signed R. J. McKinney
(Manufacturer) (Representative)

CERTIFICATE OF SHOP INSPECTION
 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 11/6, 1984, 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 12-3-84 Signed [Signature] Commissions LA COMM 898 NB COMM 7457
(Authorized Inspector) (Net) Board (under measurements) State, Prov. and No.

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 Gaviota, CA
(Name and address)

4. Type Horiz. Tank 109182-01-2 109182-01-F 54630 1984
(Horiz. vert. tank etc.) (Mfg's serial No.) (CRN) (Dwg) (Nat'l Bd No.) (Year built)

Date 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
LSH/LAH	(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

11/16/84

Co. name

RILEY BEAIRD

Signed

R. L. McKinney
(Representative)

Date

12-3-84

Signed

John E. Sheehan
Authorized Inspector

Commissions

LA. COMM. 898 N. B. COMM. 7457
(Natl. Board incl. endorsements, State, Prov. and No.)

109182
WT
RT
HT

NAT'L. BD.
SERIAL NO. 57630

CERTIFIED BY
RILEY-BEAIRD
(NAME OF MANUFACTURER)

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

109182-01-2
PROPRANE STORAGE TANK
(MANUFACTURER SERIAL NUMBER) 1984
(YEAR BUILT)

SHELL 1.378 IN.
HEAD 0.75 IN.
O.D. 1.56 IN.
D.R. 1.15 IN.

P.O. PERG-010-C-016
ITEM V-20B
O.A.L. 115 FT.
WT. 258.263 LBS.
125 °F G.A.

282 PSI AT 450 °F
310 PSI MAMP NEW AND COLD

RILEY-BEAIRD

SHREVEPORT, LOUISIANA, USA
A DIVISION OF UNITED STATES RILEY CORP.
109182-01-2