

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

ITEM NO.: HAL-0702
 P.O. NO.:
 6041-04-005988-M001

1. Manufactured and certified by: GEA RAINEY CORPORATION, 5202 WEST CHANNEL ROAD, CATOOSA, OK 74015-3017
 (Name and address of manufacturer)
 2. Manufactured for: MCMORAN OIL & GAS 110 TRAVIS STREET SUITE 140 LAFAYETTE LA 70503 UNITED STATES
 3. Location of installation: MCMORAN OIL & GAS SMI 234 A DAVY JONES 2-WELL #4 UNITED STATES
 (Name and address)
 4. Type RECTANGULAR VESSEL R-8037-2-B N/A 8037020HDR REV. 1 8148 2011
 (Horiz. Or vert., tank) (Mfg'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. 2010
 Year
 to: 0 N/A N/A
 Addenda (Date) Code Case Nos. Special Service per UG-120 (d)

6. Shell: SA516-70N *** 1/8" SPAN: FT/FB: 2" FM/RT/RB: 4 1/8" FLAT: ****
 Mat'l (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)
 7. Seams: CORNER JOINT N/A 100% 1150±50°F 1 HR. 23 MIN. N/A N/A 100% N/A
 Long. (Welded, Dbl., R.T. (Spot or Full) Eff. (%) H.T. Temp. (F) Time (hr.) Girth (Welded, Dbl., R.T. (Spot, Partial, Eff. (%) No. of Courses
 Sngl., Lap, Butt of Full)
 8. Heads: (a) Mat'l SA516-70N (b) Mat'l SA516-70N
 (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 & BOTTOM	1 3/8"	1/8"	SPAN:	*****	N/A	N/A	N/A	*	N/A
b	END PLATES	*****	1/8"	SPAN:	*****	N/A	N/A	N/A	**	N/A

If removable, bolts used (describe other fastenings) _____
 (Mat'l Spec. No., Gr., Size, No.)
 9. MAWP 3000 15 PSI AT MAX. TEMP. 450 450
 (internal) (external) (internal) (external)
 Min. design metal temp. -20 F at 3000 psi. Hydro., pneu. Or comb. test pressure 3900 psi.

10. Nozzles, inspection, and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Material	Nom. Thk.	Reinforcement Material	How Attached	Location (Header)
INLET/OUTLET	2/2	6"-1500#	RTJWN/PIPE	SA105N / SA106-B	SCH XXS	INTEGRAL	UW16.1(a)	FT/FB HEADER
VENT/DRAIN	1/1	1"	RTJLWN	SA105N	1500#	INTEGRAL	UW16.1(a)	RT/RB HEADER

11. Supports: Skirts N/A LUGS N/A LEGS N/A OTHER CLAMPED Attached: BOLTED TO FRAME
 (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:

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

TUBES: (224) SB-423 (UNS# N08825) SMLS. 1" OD X 0.065" MW X 34' STRAIGHT-FINNED CONSTRUCTED IN ACCORDANCE WITH APPENDIX 28 UT PER CUSTOMER SPECS
 BUNDLE: (4)ROWS (4) PASS *FT/FB: 5" X 11' 10 3/4" *FM/RT/RB: 4" X 11' 10 3/4"
 *CHARPY IMPACT EXEMPT PER: UCS-66(a) UCS-68(c) UG-20(f) UCS-66(c) **FT/FB: 1 3/4" X 4 3/4" **FM/RT/RB: 3 3/4" X 3 7/8"
 FT/FB: 1 3/4" / FM/RT/RB: 1 1/2" *FT/FB: 4 3/4" X 11' 10 3/4" / FM/RT/RB: 6 7/8" X 11' 10 3/4" *****FT/FB: 3/4" / FM/RT/RB: 1" *****FT/FB: 5" / FM/RT/RB: 4"

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 V111, Division 1. "U" Certificate of Authorization No. 12007 expires 3-Jun, 2011
 Date: 9-22-11 Co. name: GEA RAINEY CORPORATION Signed _____
 (Manufacturer) (Representative)

CERTIFICATE OF SHOP / FIELD INSPECTION

Vessel constructed by GEA RAINEY CORP., 5202 W. CHANNEL RD. at PORT OF CATOOSA, OK 74015-3017
 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 OKLAHOMA and employed by SENECA INSURANCE COMPANY OF TEXAS
 have inspected the component described in this Manufacturer's Data Report on 9-21-11 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: 9-22-11 Signed: _____ Commissions NB12997AD1939
 (Authorized Inspector) (Nat'l Board (incl. endorsements,) State, Prov. and No.)