

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

108747

ITEM NO.: HAL-4310
 P.O. NO.: 101910-255G

1. Manufactured and certified by: GEA RAINEY CORPORATION, 5202 WEST CHANNEL ROAD, CATOOSA, OK 74015-3017
 (Name and address of manufacturer)

2. Manufactured for: GULTERRA ENERGY PARTNERS, LP, C/O ALLIANCE ENGINEERING, 16340 PARK TEN PLACE DRIVE, HOUSTON, TX 77084

3. Location of installation: GULTERRA ENERGY PARTNERS, LP, C/O ALLIANCE ENGINEERING, 16340 PARK TEN PLACE DRIVE, HOUSTON, TX 77084
 HORIZONTAL AIRFIN (Name and address)

4. Type: RECTANGULAR VESSEL R-5016-1B-A N/A 501601BHDR 5591 2005
 (Horiz. Or vert., tank) (Mfgr'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

to: 03 N/A N/A
 Addenda (Date) Code Case Nos. Special Service per UG-120 (d)

6. Shell: SA516-70N 1-3/8" 1/8" SPAN: 0' 1-9/16" FLAT: 1' 2-7/8" x 6' 10-1/8"
 Mat'l (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)

7. Seams: CORNER JOINT NONE 100% 1150 1 hr. 15min N/A N/A N/A
 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, of Full) No. of Courses

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	1-1/4"	1/8"	SPAN:	0' 5-1/4"	N/A	N/A	N/A	*	N/A
b	END PLATES	5/8"	1/8"	SPAN:	0' 5-1/4"	N/A	N/A	N/A	**	N/A

If removable, bolts used (describe other fastenings) _____ (Mat'l Spec. No., Gr., Size, No.)

9. MAWP 2382 PSI AT MAX. TEMP. 350
 Min. design metal temp. -20 F at 2382 psi. hydro, pneu. Or comb. test pressure 3097 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	SA105 / SA106-B	SCH.160	INTEGRAL	UW16.1(a)	FRONT HEADER
VENT / DRAIN	1 / 1	3/4"	COUPLING	SA105	6000#	INTEGRAL	UW16.1(a)	REAR 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, Mfgr's. name, and identifying stamp)

TUBES: (192) SA-179 1" O.D. x 0.083" M.W. x 40' 0" --STRAIGHT
 BUNDLE: (6) ROWS (2) PASS 0' 5" x 6' 10-1/8"
"CHАРY IMPACT EXEMPT PER: UCS-66(a) & (c)" ** 0' 5" x 1' 1/8"
"CONSTRUCTED IN ACCORDANCE WITH APPENDIX 28" "RT PER CUSTOMER SPECIFICATIONS"

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. 12007 expires 3-Jun 2005
 Date: March 15, 2005 Co. name: GEA RAINEY CORPORATION Signed: Rene Weeks
 (Manufacturer) (Representative)

CERTIFICATE OF SHOP 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 1-27-05 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: March 15, 2005 Signed: _____ Commissions NB 7003, A, OK 355
 (Authorized Inspector) (Nat'l Board (incl. endorsements,) State, Prov. and No.)

108747

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

1. Manufactured and certified by SMITHCO Engineering, Inc., 6211 S. 39th W. Avenue, Tulsa, Oklahoma 74132
2. Manufactured for ENI PETROLEUM CO INC HOUSTON, TX 77002
3. Location of Installation ENI PETROLEUM GULF OF MEXICO
4. Type Horiz(Non-Cir) 2008B-6091-A 2008B-6091 11632 2008
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 2007
to 2008 ADD
6. Shell/Tube & Plug Sheets: SA-516 GR-70 N Fr 1.000/ Bk 1.625 .1250 Fr 0' 7.8125"/Bk 1' 3.8750" 2' 8.4375"
7. Seams: Corner Joint 100
8. Heads: (a) Matl. (a) Covers: SA-516 GR-70 N (b) Matl. (b) Ends: SA-516 GR-70 N

Table with 10 columns: 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). Rows (a) Fr/Bk and (b) Fr/Bk.

If removable, bolts used (describe other fastenings) N/A

9. MAWP 200 psi at max. temp 300 °F
Min. design metal temp. 10 °F at 200 psi. Hydro., pneu., or comb. test pressure 260 psi

10. Nozzles, inspection and safety valve openings:

Table with 10 columns: Purpose (Inlet, Outlet, Drain), No., Diameter or Size, Type, Material, Nominal Thickness, Reinforcement Material, How Attached, Location. Rows for Inlet/Outlet, Vent/Drain, Temp/Press.

11. Supports: Skirts No Lugs No Legs 4 Other Attached Welded to covers

12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report:

Impact testing exempt per: UG-20(f) Item: HAL-4600 Service: COMPRESSOR LUBE OIL
Stay Plate: Front(1)SA-516 GR-70 0.5000 x 0.1250 x 31.1250 x 2.8125
Tubes: SA-249 T316- 108 x 1.00" x .065" x 40.0000'-Straight
Front: Constructed in conformance with appendix 28, Back: Constructed per UW13

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. 4175 expires February 28th, 2009
Date 11-21-2008 Co. name SMITHCO Engineering, Inc. Signed V. Casey
CERTIFICATE OF SHOP/FIELD INSPECTION
Vessel constructed by SMITHCO Engineering, Inc. at Tulsa, Oklahoma
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State of Province of Oklahoma and employed by Seneca Insurance Company of Texas
have inspected the component described in this Manufacturer's Data Report on 11/21/08, 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.
Date 11/21/08 Signed [Signature] Commissions NB12736 A OK914