

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

④ 530317

1. Manufactured and certified by Openco Energy Industries Ltd., 285175 Kleysen Way, RR5, Calgary AB, T2P-2G6
 (Name and address of manufacturer)

2. Manufactured for Openco Gas Test, 285175 Kleysen Way, RR5, Calgary AB, T2P-2G6
 (Name and address of purchaser)

3. Location of installation STOCK
 (Name and address)

4. Type Horiz. Separator 01-4252-1 RS436.231 F 101 0116 2004 RPS02 N/A 2005
 (Horiz or vert. tank) (Mfg's serial No) (CRN) (Drawing No) (Mat'l Use No) (Year built)

5. The chemical and physical properties of all parts meet the requirements of material specification of the ASME BOILER AND PRESSURE VESSEL CODE. The design, construction, and workmanship conform to ASME Rules, Section VIII, Division 1 2004
 Year

to N/A N/A
 Addenda (date) Code Case Nos Special service per UG-1 20(d)

6. Shell: SA-516-70 N 2.500" 0.125" 3' - 7" 12' - 0"
 Mat'l (Spec. No., Grade) Nominal Thk (in) Corr Allow (in) Diam ID (ft & in) Length (overall) (ft. & in)

7. Seams: Type 1 Full 100% 1150 2.25 Type 1 *Full 100% 2
 Long (Welded Dbl Sngl., Lap, Butt) R T (Spot or Full) Eff (%) H T Temp (F) Time (hr) Grth (Welded Dbl Sngl., Lap, Butt) R T (Spot, Partial or Full) No of Courses

8. Heads: (a) Mat'l SA-516-70 N (b) Mat'l SA-516-70 N
 (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 Press (Con & Conv) |
|-----|-----------------------------|-------------------|---------------------|--------------|----------------|------------------|--------------------|----------------------|---------------|----------------------------|
| (a) | Both Ends | 2.4375" | 0.125" | | | 2:1 | | | | Concave |
| (b) | | | | | | | | | | |

if removable, bolts used (describe other fasteners)

9. MAWP 2000 psi at max. temp 130 F 2000 psi at 2000 2000 psi
 (Mat'l Spec. No., Gr., Size, No) Min. Design Metal Temp. °F at Hydro, pneu. or comb. test

10. Nozzles, inspection and safety valve openings:

| Purpose (Inlet, Outlet, Drain) | No | Diam or Size | Type | Mat'l | Nom Thk | Reinforcement Mat'l | How Attached | Location |
|--------------------------------|----|--------------|--------------|--------------------|---------|---------------------|----------------|------------|
| Manway | 1 | 20" | CI 900 RFLWN | SA-350LF2 | 2.25" | SA-516-70N | Fig UW-16.1(h) | Shell |
| Insp/Inlet/gas out | 4 | 6" | CI 900 RFLWN | SA-350LF2 | 1.625" | Integral | Fig UW-16.1(c) | Shell/Head |
| LLSD/Drain/HUSD | 7 | 3" | CI 900 RFLWB | SA-350LF2 | 1.58" | Integral | Fig UW-16.1(c) | Shell |
| H2O LC/Oil LC/PSV/ | 3 | 3" | CI 900 RFLWN | SA-350LF2 | 1.0" | Integral | Fig UW-16.1(c) | Shell/Head |
| Oil H2O Out/HPSD/SPARGE | 9 | 2" | CI 900 RFLWN | SA-333-6/SA-350LF2 | .436" | Integral | Fig UW-16.1(c) | Shell/Head |
| PI/LG | 7 | 1" | CI 900 RFLWN | SA-333-6/SA-350LF2 | .358" | Integral | Fig UW-16.1(c) | Shell/Head |

11. Supports: Skirt NO Lugs (No) Legs 2 Other (No) Attached (Describe)
 (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: **Production impacts req'd per USC-66(a) & USC-67(a)
 (Name of part, item number, Mfg's name and identifying stamp)

Impact Testing: req'd items 101, 102, 103 & 202 per UG-84 Radiography per: * As per UW-11(a) and UW-51
 Tag No.: V-100 Volume: 137 Cu Ft/3,879 Cu.M

A No: CONSTRUCTION DWG. NO.: V-04-4252-2769 R2

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. 21,356 expires July 21, 2007
 Date: April 20, 2005 Co. Name Openco Energy Industries Ltd. Signed J.C. Sains
 (mm/dd/yy) (Manufacturer) (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by Openco Energy Industries Ltd. at Calgary, Alberta, Canada
 I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and I or the State or Province of Alberta and employed by ABSA, Alberta Boilers Safety Association
 have inspected the component described in the Manufacturer's Data Report on April 20, 2005, 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 the 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 April 20, 2005 Signed [Signature] Commissions Alberta #11
 (mm/dd/yy) (Authorized Inspector) (Mat'l Bldg/nd endorsements, State, Prov and No.)