

**FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS**  
 (Alternative Form for Single Chamber, Completely Shop of Field Fabricated Vessels Only)  
 As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

① 538144

1. Manufactured and certified by Kinetic Process Systems Ltd., 4100 - 67th Street, Ponoka, Alberta T2J 1K3  
(Name and address of manufacturer)
2. Manufactured for Profico Energy c/o Rialta Supply Ltd. - 4046 - 78th Street Crescent, Red Deer, Alberta T4P 3E3  
(Name and address of purchaser)
3. Location of Installation Profico Energy - Miry Bay Compressor Station - LSD: 14-24-021-19 W3M - Saskatchewan, Canada  
(Name and address)
4. Type Horizontal S05-085-001 T4363.23 S05-081-VES-002, Rev. A N/A 2005  
(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 2004 Edition  
(Year)
- to N/A N/A None  
Addenda (Date) Code Case Nos. Special Service per UG-120(c)
6. Shell: SA106-B 0.500" 0.0625" 8.625" OD 3'-0" S/S  
Mat'l. (Spec. No., Grade) Nom. Thk. (in.) Cor. Allow. (in.) Diam. I.D. (ft. & in.) Length (Overall) (ft. & in.)
7. Seams: Seamless None 100% N/A N/A Single Spot \* 100% One  
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 or Full) Eff. (%) No. of Courses
8. Heads: (a) Mat'l. SA234-WPB (b) Mat'l. SA234-WPB  
(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)	Left Head	0.500"	0.0625"	N/A	N/A	2:1 SE	N/A	N/A	N/A	Concave
(b)	Right Head	0.500"	0.0625"	N/A	N/A	2:1 SE	N/A	N/A	N/A	Concave

If removable, bolts used (describe other fastenings) None  
(Mat'l., Spec. No., Cr., Size, No.)

9. MAWP 1440 psi None psi at max. temp. 120 °F None  
(internal) (external)
- Min. design metal temp. -20 °F at 1440 psi. Hydro., pneu., or comp. test pressure 2160 psi

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
Inlet - N1	1	3 NPS	Cl. 600 RFWN	SA106B / SA105N	0.300"	None	UW-16(c)	Shell
Outlet - N2	1	2 NPS	Cl. 600 RFWN	SA106B / SA105N	0.343"	None	UW-16(c)	Shell
LLC - C1	1	2 NPS	Half Cplg.	SA105N	Class 6000	None	UW-16(c)	Left Head
Drain / LO - C2 / C3	2	1 NPS	Full Cplg.	SA105N	Class 6000	None	UW-16(c)	Shell
Level - C4a/b	2	3/4 NPS	Full Cplg.	SA105N	Class 6000	None	UW-16(c)	Shell

11. Supports: Skirt No Lugs N/A Legs N/A Other N/A Attached N/A  
(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)

Radiography: Spot per UW-11(a)(5)(b), Volume: 1.18 Cu. Ft., PSV: On external piping per UG-125(g), N/P: On Shell  
Impact Test: Exempt per UG-20(f)(1) thru (5) Construction Drawing: S05-085-VES-002, R. 0

**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. 34,008 Expires June 9, 2006

Date: December 6, 2005 Co. name Kinetic Process Systems Ltd. Signed [Signature]  
(Yes or no) (No.) (No.) (Describe) (Where and how)

**CERTIFICATE OF SHOP/FIELD INSPECTION**

Vessel constructed by Kinetic Process Systems Ltd. at Ponoka, Alberta, Canada

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or State or Province of Alberta and employed by ABSA

have inspected the component described in this Manufacturer's Data Report on December 6, 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 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: 05/12/06 Signed [Signature] Commissions AB#146 NB#12392 'A'  
(Authorized Inspector) (Nat'l. Board (incl. endorsements), State, Prov. And No.)