

A 548895

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: LARSEN & D'AMICO MFG. LTD. 9805 - 51 Avenue, Edmonton, Alberta T6E 4W8
(Name and Address of Manufacturer)
2. Manufactured for: BURLINGTON RESOURCES CANADA, 2100 250 - 6th AVE SW, CALGARY AB, T2P 3H7 A 548895
(Name and Address of Purchaser)
3. Location of installation: KAYBOB
(Name and Address)
4. Type: HORIZONTAL SEPARATOR HS-13074 T5260.2 LD-5644-A1/A2 rev0 N/A 2006
(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
(Year)
- to N/A N/A
Addenda (Date) Code Case Numbers Special Services per UG-120(d)
6. Shell: SA-516-70N 1.250" 0.0625" 60" OD 20'-0" s/s
Mat'l. (Spec. No., Grade) Nom. Thk. (in) Corr. Allow. (in) Diam I.D. (ft & in) Length (overall) (ft & in)
7. Seams: TYPE 1 FULL 100% N/A N/A TYPE 1 FULL 100% TWO
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, Eff. (%) or Full) No. of courses
8. Heads: (a) Mat'l SA-516-70N (b) Mat'l SA-516-70N
(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	1.1875"	0.0625"		-	2:1	-	-	-	CONCAVE
(b)	BOTTOM	1.1875"	0.0625"	-	-	2:1	-	-	-	CONCAVE

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

(Mat'l., Spec. No., Gr., Size, No.)

9. MAWP: 720 127 psi at max. temp. 200 °F
(Internal) (External)
- Min. design metal temp. -20 °F at 720 psi. Hydro. pneu., or comb. Test pressure 1080 PSIG (HYDRO) psi
(Internal) (External)

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
SEE ATTACHED U4 FORM								

11. Supports: Skirt N/A Lugs N/A Legs N/A Other TWO SADDLES Attached SHELL WLEDED
(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 indentifying stamp)

PRODUCTION IMPACT TEST EXEMPT PER UG-20(F) PARAGRAPHS 1-5. UCS-66 CURVE D. UCS-66(b).

WHEN A PRESSURE RELIEF DEVICE (PSV, PRV, ETC.) IS NOT SPECIFIED ON THE NOZZLE SCHEDULE IT WILL BE PROVIDED BY OTHERS IN THE PIPING.

Volume: 395 cubic feet, Weight: 24,992 lbs, Fabrication Drawing No. LD-5644-A1/A2 rev 0 L&D WO# 4800 Item # HS

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. 14254 Expires October 28, 2007

Date APR 03/06 Company name Larsen & D'Amico Manufacturing Ltd Signed [Signature]
(Manufacturer) (Representative)

CERTIFICATE OF SHOP/FIELD INSPECTION

Vessel constructed by: Larsen & D'Amico Manufacturing Ltd at 9805-51 Avenue, Edmonton, Alberta
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 Alberta and employed by ABSA

have inspected the component described in this Manufacturer's Data Report on APRIL 03, 2006 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 APR 03/06 Signed [Signature] Commissions Alberta AB94A
(Authorized Inspector) (National Board (include Endorsements) State, Prov. and No.)

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Commission **Alberta** *AB94A*
[Nat'l Board incl. Endorsement, State, Province and No.]