

FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS

A401845

(Alternative Form for Single Chamber, Completely Shop-Fabricated Vessels Only)
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

Form U-1-A

1. Manufactured and certified by **PRESSON MANUFACTURING LTD. 2103 - 8 ST., NISKU, ALBERTA, CANADA T9E 7Z1**
(Name and address of Manufacturer)

2. Manufactured for **ULSTER PETROLEUM LTD 1900, 144 - 4 AVE. S.W. CALGARY, AB T2P 3N4**
(Name and address of Purchaser)

3. Location of Installation **LELAND LSD 07-02-59 -26 W5M**
(Name and address)

4. Type **HORIZONTAL** **6423-20** **L-7755.2** **B6423-200 Rev 1** **---** **1999**
(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 1998
to --- --- --- (Year)

6. Shell: **SA516-70N** **375"** **.1875"** **72" ID** **20'-0"**
Mat'l. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. ID (ft. & in.) Length (Overall) (ft. & in.)

7. Seams: **TYPE 1** **SPOT** **85** **---** **---** **TYPE 1** **SPOT** **2**
Long. (Welded, Dbl., Sngl., Lap, Butt) RT (Spot or Full) Eff. (%) H.T. Temp. (°F.) Time (hr.) Girth (Welded, Dbl., Sngl., Lap, Butt) RT (Spot, Partial or 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 Angle	Apex Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
a) END	3125"	.1875"	---	---	2:1	---	---	---	CONCAVE
b) END	3125"	.1875"	---	---	2:1	---	---	---	CONCAVE

If removable, bolts used (describe other fastenings)

9. MAWP **50** psi at max. temp. **200** °F
Min. design metal temp. **-40** °F at **50** psi. Hydro., Pneu., or Comb. test pressure **75** psi.

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam or Size	Type	Material	Nom. Thickness	Reinforcement Material	How Attached	Location
INLET	1	16"	RFWN	SA333GR6	XH	SA516-70N	UW16.1C	HEAD
OUTLET	1	16"	RFWN	SA333GR6	XH	---	UW16.1C	SHELL
LIQUID OUT	1	3"	RFWN	SA333GR6	SCH. 160	---	UW61.1C	BOOT HEAD
BRIDLE	2	3"	RFWN	SA333GR6	SCH. 160	---	UW16.1C	SHELL
LT	1	4"	RFWN	SA333GR6	XH	---	UW16.1C	SHELL
PUMP VENT	1	2"	RFWN	SA333GR6	SCH. 160	---	UW16.1C	SHELL
HAND HOLE	1	8"	RFWN	SA333GR6	XH	---	UW16.1C	BOOT SHELL
MANWAY	1	20"	RFWN	SA516-70N	.375"	SA516-70N	UW16.1C	HEAD

11. Supports: Skirt **NO** Lugs (No.) **---** Legs (No.) **---** Other **---** **SADDLES** Attached **---** **SHELL WELDED**
(yes or 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)
FLARE KNOCKOUT DRUM (V-1050) CONSTRUCTION DRAWING : B6423-200 REV. 1
IMPACT TEST EXEMPT PER UG-20f LIQUID BOOT 24" OD x 3'-0" LG X .375" THK - SA51670N
VOLUME = 18.2 cu. m. 642 cu. ft. BOOT HEAD - .375" NOM. .3125" MIN SA51670N

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. 16081 expires **SEPTEMBER 26 2001**
 Date: **99-11-16** Co. Name: **PRESSON MANUFACTURING LTD.** Signed: *[Signature]*
 (Manufacturer) (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by **PRESSON MANUFACTURING LTD.** at **NISKU, 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 **ALBERTA BOILERS SAFETY ASSOCIATION** have inspected the component described in this Manufacturer's Data Report on **Nov 16** 1999, 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 **Nov 16/99** Signed *[Signature]* Commissions **Alberta #31**
 (Authorized Inspector) (Nat'l. Board (Incl. endorsements, State, Prov. and No.))