

**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 553981

1. Manufactured and certified by Plains Oil Ltd. 803 - 24th Avenue S.E., Calgary, Alberta Canada T2G 1P5  
(Name and address of manufacturer)

2. Manufactured for Bear Ridge Resources. Suite 2200, 330-5<sup>th</sup> Ave. S.W. Calgary, AB. T2P-0L4  
(Name and address of purchaser)

3. Location of installation Stock  
(Name and address)

4. Type: Vertical 3940-V3 P0994.213 2610-B501 r.2 N/A 2006  
(Horiz., or vert. tank) (Mfr'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  
to 2005 N/A N/A  
Addenda (Date) Code Case Nos. Special Service per UG-120(d)

6. Shell: SA106B .844" .0625" 1' 2.312" 7' 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: Smls N/A 100% N/A N/A Type 1 Spot 70% 1  
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. 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	.625"	.0625"	---	---	2:1	---	---	---	Concave
(b)	Bottom	.625"	.0625"	---	---	2:1	---	---	---	Concave

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

9. MAWP 1480 N/A psi at max. temp. 100 N/A °F.  
(internal) (external) (internal) (external)

Min. design metal temp. -20 °F at 1480 psi. Hydro., pneu., or comb. test pressure 2220 psi.

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Matl.	Nom. Thk.	Reinforcement Matl.	How Attached	Location
Inlet/Outlet	2	NPS 3	CL600 RFWN	SA106B	.600"	N/A	UW16.1(c)	Shell
PSV/HC out	2	NPS 1	CL3000 TOL	SA105	CL3000	N/A	UW16.1(a)	Shell
Inspection	1	NPS 2	CL6000 Cplg.	SA105	CL6000	N/A	UW16.1(a)	Head
PI	1	NPS 1/2	CL3000 TOL	SA105	CL3000	N/A	UW16.1(a)	Shell
TI/LG	5	NPS 3/4	CL3000 TOL	SA105	CL3000	N/A	UW16.1(a)	Shell
Water out/LLSD/Insp	2	NPS 2	CL3000 TOL	SA105	CL3000	N/A	UW16.1(a)	Shell
LC/HLSD	3	NPS 2	CL3000 TOL	SA105	CL3000	N/A	UW16.1(a)	Shell

11. Supports: Skirt Yes Lugs 0 Legs 0 Others N/A Attached Welded to head  
(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

Description: Separator Radiography: UW11(a)5(b) Service: W.O.G.  
Volume: 10.87 FT<sup>3</sup> PSV: C1 per UG 125(g) Construction drawing: 3940-B501 r.3  
Impact Testing: No. Exempt per UG 20(f)1-5, UCS 66(c)

**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. 34,219  
expires November 10, 2006

Date 04/25/06 Co. name Plains Oil Ltd. Signed Jamie Annyje  
(Manufacturer) (Representative)

**CERTIFICATE OF SHOP/FIELD INSPECTION**

Vessel constructed by Plains Oil Ltd. at 803 - 24<sup>th</sup> Avenue S.E., Calgary, Alberta, Canada T2G 1P5.  
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 MAY 1, 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 MAY 1, 2006 Signed [Signature] Commissions Alberta 40  
(Authorized Inspector) [Nat'l Board (incl. endorsements), State, Prov. and No.]