

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

A 483110

1 Manufactured and certified by NATCO CANADA LTD. 9423 SHEPARD RD. SE CALGARY, AB T2H 1X6
(Name and address of manufacturer)

2 Manufactured for EXXON MOBIL CANADA 201, 1100 - 8 AVE SW, CALGARY, AB T2P 3T9
(Name and address of purchaser)

3 Location of installation MOBIL STOCK
(Name and address)

4 Type: VERTICAL 7757-03 P7624.2 CVRD-036SX-200-00 REV 0 2002
(Horiz. or Vert. Tank) (Mfr.'s Serial No.) (CRN) (Desig. 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
Year

to 00 N/A N/A
Addenda (Date) Code Case Nos. Special Service per UG-120(d)

6 Shell SA 516-70N 2.000" 0.125" 2'-8" 7'-6"
Matl. (Spec. No., Grade) Nom. Thk. (in.) Corv. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)

7 Seams TYPE 1 FULL 100% 1150 2
Long (Welded, Dbl., Singl., Lap, Butt) R.T. (Spot or Full) Eff. (%) H.T. Temp. (°F) Time (hr)
TYPE 1 FULL 1
Grth (Welded, Dbl., Singl., Lap, Butt) R.T. (Spot, Partial or Full) No. of Courses

8 Heads (a) Matl. SA 516-70N (b) Matl. 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	1.900"	0.125"			2:1 SE				CONCAVE
b)	BOTTOM	1.900"	0.125"			2:1 SE				CONCAVE

If removable, bolts used (describe other fastenings) _____

(Matl., Spec. No., Gr., Size, No.)

9. MAWP 2020 psi at max. temp. 200 °F
 Min. design metal temp. -20 °F at 2020 psi. Hydro., pneu., or comb. test pressure 2626 psi.

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Matl.	Nom. Thk.	Reinforcement Material	How Attached	Location
SEE ATTACHED U-4 FORM								

11. Supports: Skirt YES Lugs NIL Legs NIL Other N/A Attached BOTTOM HEAD WELDED
(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:

(Name of part, item number, Mfr.'s name and identifying stamp)

V-100 3-PHASE VERTICAL SEPARATOR VOLUME: 48.71 Cu. Ft.

SHELLS & HEADS TO BE CIT TESTED @ -20 F PER UG-84(c). REMAINDER OF VESSEL IMPACT TEST EXEMPT PER UG-20(h) 1.5 & UCS-66(a)(c)(g)

DWG. NO.: D-7757-03 REV 0

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. 11313 Expires SEPT. 9, 2004

Date: Jan 16, 2002 Co. Name: NATCO CANADA LTD. Signed: _____
(Manufacturer) (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by: NATCO CANADA LTD at CALGARY, 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 Boiler Safety Association, have inspected the component described in this Manufacturer's Data Report on JAN 16 2002 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: JAN 16 2002 Signed: _____ Commissions: ALBERTA
(Authorized Inspector) (Nat'l Board (incl. endorsement): State, Prov. and No.)

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[illegible]

Certificate of Authorization: Type: "U" No. 11,313 Expires: SEPT. 9, 2004.
 Date: JAN. 16, 2002 Name: Natco Canada Ltd. Signed: _____
 _____ (Manufactures) _____ (Representative)
 Date: JAN 16 2002 Name: _____ Commission ACIA #11
 _____ (Authorized Inspector) _____ (Natl. Board incl. endorsements, State, Prov. and No.)
 Shop Order #: 7757-03