

1. Manufactured and Certified By Natco Canada Ltd. 9423 Shepard Rd. S.E. Calgary AB.
(Name and address of manufacturer)
2. Manufactured For CHEVRON CANADA RESOURCES 500 - 5 AVE SW CALGARY, ALBERTA T2P 0L7
(Name and address of purchaser)
3. Location of Installation LSD: 11-22-49-12 W5M
(Name and address)
4. Type VERTICAL LS-4172 M-3153.2 D-6083-03 REVO --- 1994
(Morin. Vert. Tank) (Mfr's serial no.) (CRN) (DRWG. No.) (Natl Bd. No.) (Year Built)
5. The chemical and physical properties of all parts meet the requirements and material specifications of the ASME BOILER AND PRESSURE VESSEL CODE. The design, construction, and workmanship conform to ASME Rules, Section VIII, Division 1 1992
to 1992 --- ---
(year)
6. Shell: SA 516-70N 1.75" .125" 3' 6" 60' 0" S/S
Matl. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. I.D. (ft. in.) Length (Overall) (ft. in.)
7. Seams: DBL-V-BUTT FULL 100% 1150 2 HR DBL-V-BUTT FULL 6
Long (Welded, Bbl. R.T. (Spot or Pull) S.I. (b) R.T. Temp. (°F) Time (hr.) Circ (Welded, Bbl. R.T. (Spot, Partial or Pull) S.I. (b) Lap, Butt) No. of Courses
8. Heads (a) Matl. SA 516-70N (b) Matl. SA 516-70N
Matl. (Spec. No., Grade) Matl. (Spec. No., Grade)

Location (Top Bottom, Ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Semi-spherical Radius	Pit Diameter	Side to Progress (Convex or Concave)
(a) TOP	1.945	.125			2:1				CONCAVE
(b) BTM	1.945	.125			2:1				CONCAVE

If removable, bolts used (describe other fastenings) ---
(Matl., Spec. No., Gr., Size, No.)

9. MAMP 1200 psi at max. temp 500 °F
Min. design metal temp. -49 °F at 1200 psi Hydro., pneu., or comb. test pressure 1800 psi
10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Size or Orifice	Type	Matl.	Req. Tag	Reinforcement Matl.	How Attached	Location
NO ATTACHED S-S FORK								

11. Supports: Skirt YES Lugs NO Legs NO Other N/A Attached BTM-HD 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)

VERTICAL AMINE CONTACTOR VOLUME 590 CU/FT
IMPACT TESTING REQUIRED @ -45 C 18/15 FT/LBS
FAB DWG#: D-6083-03 TAG #: V-4000

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, 1995.
Date June 22/94 Co. Name NATCO CANADA LTD. SIGNED [Signature]
(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 the State or Province of ALBERTA and employed by GOVERNMENT OF ALBERTA
have inspected the component described in this Manufacturer's Data Report on June 22, 1994, 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 the 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 22/6/94 Signed [Signature] Commissions ALBERTA #11
(Authorized Inspector) (Natl Board (incl. endorsement), State, Prov. and No.)

Required by Provisions of the ASME Code Rules, Section VIII, Div. 1

(A) 2981020

2. Manufactured For CHEVRON CANADA RESOURCES
(Name and address of purchaser)

3. Location of Installation LSD: 11-22-49-12 W5M
(Name and address)

4. Type VERTICAL CONTACTOR LS-4172
(Box, Port. or Sphere) (Tank, Separator, heat exch., etc.) (Fig's. serial No.)

M-3153.2 D-6083-03 REV0 --- 1994
(CMB) (Rev.) (Cat'l No.) (Year built)

**Data Report
Item Number**

[illegible]

Certificate of Authorization: Type "U" No. 11,313 Expires Sept. 9, 1995.

Date June 22/94 Name Natco Canada Ltd. Signed [Signature]
(Manufacturer) (Representative)

Date 22/6/94 Name [Redacted] Commission ALBERTA #11
(Authorized Inspector) (Bail. Board (incl. undersements), State, Province and No.)

Shop Order: 6083-03