

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

440511

1. Manufactured and certified by: NATCO CANADA LTD. 9423 SHEPARD RD SE CALGARY, AB T2H 1X6
(Name and Address of Manufacturer)
2. Manufactured For: CHEVRON CANADA RESOURCES 500 - 5TH AVE S.W. CALGARY, AB T2P 0L7
(Name and Address of Purchaser)
3. Location of Installation: MUSREAU WELLSITES LSD: 14 - 21 - 62 - 6 - W6M
(Name and Address)
4. Type: HORIZONTAL 7202-03 L-4282.2 D-7202-03 REV 2 ---- 1999
(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. 1995
(Year)
- to 97 N/A N/A
(Addenda (Date)) (Code Case Nos) (Special Service per UG-120(d))
6. Shell: SA-516-70N 3.00" 0.0625" 3' - 6" 10' - 0"
(Matl (Spec No Grade)) (Nom. Thk (in)) (Corr. Allow (in)) (Diam ID (ft. & in)) (Length (overall) (ft. & in))
7. Seams: TYPE 1 FULL 100% 1150°F 2Hrs 25min TYPE 1 FULL 1
(Long (Welded, Dbl. Singl. Lap Butt)) (R.T. (Spot or Full)) (Eff. (%)) (H.T. Temp F) (Time (hr)) (Girth (Welded, Dbl. Singl. Lap Butt)) (R.T. (Spot Partial, Full)) (# 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	Hemispheric Radius	Flat Diameter	Side to Pressure (Convex or Concave)
(a)	START	2.875"	0.0625"			2:1				CONCAVE
(b)	CLOSE	2.875"	0.0625"			2:1				CONCAVE

If removable, bolts used (describe other fastenings):

9. MAWP 2106 psi at max. Temp. 158 °F
Min. design metal temperature -50 °F at 2106 psi. Hydro test pressure 3159 psi.

10 Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No	Diam. or Size	Type	Material	Nom. Thick	Reinforcement Matl	How Attached	Location
SEE ATTACHED U-1 FORM								

- 11 Supports: Skirt NO Lugs --- Legs --- Other SADDLES Attached BTM SHELL 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, Mfg's name and identifying stamp)

WELLSITE SEPARATOR

TAG: V-2100

VOLUME: 110.6Ft³

IMPACT TEST PER UG-84 AT -50°F

FAB. DRWG. D-7202-03 REV 3

MAEPW 15 Psi @ 158°F

CERTIFICATE OF SHOP INSPECTION

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, 2001.

Date: 20 JAN 1999

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 the State or Province of ALBERTA, and employed by ALBERTA BOILER'S SAFETY ASSOCIATION have inspected the component described in this Manufacturer's Data Report on JAN 20 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 these 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

990120

Signature

Commissions

ALBERTA

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(National Board and Provinces, States and Territories)

Shop Order # 7202-03

[illegible]

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