

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)

1. Manufactured and certified by: NATCO CANADA LTD. 9423 SHEPARD RD. SE CALGARY, AB T2H 1K6
 (Name and address of manufacturer)

2. Manufactured for: PIONEER NATURAL RESOURCES CANADA INC. 2900, 255 - 5 AVE SW CALGARY, AB T2P 3G6
 (Name and address of purchaser)

3. Location of installation: L.S.D.: C-32-H, 94-H-08
 (Name and address)

4. Type: HORIZONTAL 7723-03 P7188.21 RD-7723-03 REV 0 2001
 (Horiz. or Vert. Tank) (Mfg.'s Serial No.) (CRN) (Drawg. 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

6. Shell: SA 516-70N 1.000" 0.0625" 9'-10" 30'-0"
 Mat'l. (Spec. No., Grade) (Nom. Thk. (in.)) (Cor. Allow. (in.)) (Dim. I.D. (ft & in.)) (Length (overall) (ft & in.))

7. Seams: TYPE 1 FULL 100% 1150° 2 1/2"
 Long (Welded, DM, Singl., Lap, Butt) R.T. (Spot or Full) ER (%) H.T. Temp. (°F) Time (hr)

8. Heads (a) Mat'l. SA 516-70N (b) Mat'l. 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) END | 1.125" | 0.0625" | | | 2:1 SE | | | | CONCAVE |
| b) END | 0.920" | 0.0625" | | | 2:1 SE | | | | CONCAVE |

If removable, bolts used (describe other fastenings): _____
 (Mat'l., Spec. No., Cr., Siz., No.)

9. MAWP 275 psi at max. temp. 120 °F
 Min. design metal temp. -20 °F at 275 psi. Hydro., pneu., or comb. test pressure 350 psi.

Nozzles, inspection and safety valve openings:

| Purpose (Inlet, Outlet, Drain) | No. | Diem. or Size | Type | Mat'l. | Nom. Thk. | Reinforcement Material | How Attached | Location |
|--------------------------------|-----|---------------|------|--------|-----------|------------------------|--------------|----------|
| SEE ATTACHED U-4 FORM | | | | | | | | |

11. Supports: Skirt NO Lugs NIL Legs NIL Other SADDLES - 2 Attached BOTTOM SHELL WELDED
 (Yes or no) (No.) (No.) (Double) (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)
PLANT FWKO TAG NO.: V-113 *NOZZLES HC1, M1a,b NOZZLE NECKS & BLIND FLANGE 3" COIL NOZZLES HC2a,b TO BE PWHT PER UCS-56
NOZZLES HC1 & M1a,b NOZZLE NECKS IMPACT TESTED @ 20 F PER UG-84(G). REMAINDER OF VESSEL IMPACT TEST EXEMPT PER UCS-56(a)(1)(c)
FAB DRG # D-7723-03 REV 1 VESSEL IS EQUIPPED WITH AN INTERNAL COIL DESIGNED @ 300psi. VOLUME: 2.841 Cu.Ft.

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: Dec. 14, 2001 Co. Name: NATCO CANADA LTD. (Manufacturer) Signed: _____ (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 of DEC 17 2001, 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: DEC 17 2001 Signed: _____ (Authorized Inspector) Commissions: ALBERTA #1
 (Nat'l Board (incl. endorsements), State, Prov. and No.)

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FORM U-4 MANUFACTURERS' DATA REPORT SUPPLEMENTARY SHEET
 As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

Manufactured and Certified by: Natco Canada Ltd. 9423 Shepard Rd. S.E. Calgary, AB. T2C 1E2
 (Name and address of manufacturer)

Manufactured for: PIONEER NATURAL RESOURCES CANADA INC. 2900, 255 - 5 AVE SW CALGARY, AB T2P 3G6
 (Name and address of purchaser)

Location of Installation: L.S.D.: C-32-H, 94-H-08
 (Name and address)

Type: HORIZONTAL PLANT FWKO 7723-03
 (Horiz., Vert., or Sphere) (Tank, separator, heat exh., etc.) (Mfg.'s serial no.)
P7188.21 RD-7723-03 REV 0 2001
 (CRN) (Drawing No.) (Nat'l Bd. No.) (Year built)

| Report Item Number | Purpose | No. | Size | Nozzles Type | Rate | Mat'l Neck | Flg | Thick-ness | Reinforc. Material | How Attached | Where |
|--------------------|---------------|--------|------|--------------|-------|------------|---------|------------|--------------------|--------------|-------|
| | MANWAY | M1a,b | 24" | RFWN/PLATE | 150# | SA 516-70N | SA 105N | 2" | -- | UW 16.1(c) | SHELL |
| | COIL | HC2a,b | 3" | RFWN/PIPE | 300# | SA 106B | SA 105N | 0.600" | -- | UW 16.1(c) | END |
| | COIL FRAME | HC1 | 30" | RFWN/PLATE | 150# | SA 516-70N | SA 105N | 2.25" | -- | UW 16.1(c) | END |
| | TT-1131 | C6 | 1" | CPLG | 6000# | SA 105N | -- | -- | -- | UW 16.1(c) | SHELL |
| | SPARE | C5a-c | 1" | CPLG | 6000# | SA 105N | -- | -- | -- | UW 16.1(c) | SHELL |
| | PT/PI-1131 | C4 | 3/4" | CPLG | 6000# | SA 105N | -- | -- | -- | UW 16.1(c) | SHELL |
| | TI-1131 | C3c | 1" | CPLG | 6000# | SA 105N | -- | -- | -- | UW 16.1(c) | SHELL |
| | TI-1132 | C3b | 1" | CPLG | 6000# | SA 105N | -- | -- | -- | UW 16.1(c) | SHELL |
| | TI-1133 | C3a | 1" | CPLG | 6000# | SA 105N | -- | -- | -- | UW 16.1(c) | SHELL |
| | COND. LG-1131 | C2b | 3/4" | CPLG | 6000# | SA 105N | -- | -- | -- | UW 16.1(c) | SHELL |
| | COND. LG-1131 | C2a | 3/4" | CPLG | 6000# | SA 105N | -- | -- | -- | UW 16.1(c) | SHELL |
| | WATER LG-1132 | C1b | 3/4" | CPLG | 6000# | SA 105N | -- | -- | -- | UW 16.1(c) | SHELL |
| | WATER LG-1132 | C1a | 3/4" | CPLG | 6000# | SA 105N | -- | -- | -- | UW 16.1(c) | SHELL |
| | PANIC DUMP | N13 | 4" | RFWN/PIPE | 150# | SA 106B | SA 105N | 0.674" | SA 516-70N | UW 16.1(c) | SHELL |
| | PSV | N12 | 4" | RFWN/PIPE | 150# | SA 106B | SA 105N | 0.674" | -- | UW 16.1(c) | SHELL |
| | SPARE | N11a,b | 3" | RFWN/PIPE | 150# | SA 106B | SA 105N | 0.600" | SA 516-70N | UW 16.1(c) | SHELL |
| | SPARE | N10a,b | 3" | RFWN/PIPE | 150# | SA 106B | SA 105N | 0.600" | -- | UW 16.1(c) | SHELL |
| | IND. LT-1131 | N9b | 2" | RFWN/PIPE | 150# | SA 106B | SA 105N | 0.344" | -- | UW 16.1(c) | SHELL |
| | COND. LT-1131 | N9a | 2" | RFWN/PIPE | 150# | SA 106B | SA 105N | 0.344" | -- | UW 16.1(c) | SHELL |
| | WATER LT-1132 | N8b | 2" | RFWN/PIPE | 150# | SA 106B | SA 105N | 0.344" | -- | UW 16.1(c) | SHELL |
| | WATER LT-1132 | N8a | 2" | RFWN/PIPE | 150# | SA 106B | SA 105N | 0.344" | -- | UW 16.1(c) | SHELL |
| | FUTURE | N6a,b | 3" | RFWN/PIPE | 150# | SA 106B | SA 105N | 0.600" | SA 516-70N | UW 16.1(c) | SHELL |
| | FUTURE | N5a,b | 4" | RFWN/PIPE | 150# | SA 106B | SA 105N | 0.674" | SA 516-70N | UW 16.1(c) | SHELL |
| | COND. OUTLET | N4 | 3" | RFWN/PIPE | 150# | SA 106B | SA 105N | 0.600" | SA 516-70N | UW 16.1(c) | SHELL |
| | WATER OUTLET | N3 | 3" | RFWN/PIPE | 150# | SA 106B | SA 105N | 0.600" | SA 516-70N | UW 16.1(c) | SHELL |
| | GAS OUTLET | N2 | 12" | RFWN/PIPE | 150# | SA 106B | SA 105N | 1.000" | SA 516-70N | UW 16.1(c) | SHELL |
| | INLET | N1 | 12" | RFWN/PIPE | 150# | SA 106B | SA 105N | 1.000" | SA 516-70N | UW 16.1(c) | SHELL |

Certificate of Authorization: Type: "U" No. 11313 Expires: SEPT. 9, 2004

Date: Dec. 14, 2001 Name: Natco Canada Ltd. (Manufacturer) Signed: _____ (Representative)

Date: DEC 17 2001 Name: _____ (Authorized Inspector) Commission: _____ (Nat'l. Board incl. endorsements, State, Prov. and No.)

Shop Order #: 7723-03

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