

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

(A) 420962

1. Manufactured and certified by: NATCO CANADA LTD. 9423 SHEPARD RD SE CALGARY, AB T2H 1X6  
270-140-4418 9W (Name and Address of Manufacturer)  
2. Manufactured For OGY Petroleum Ltd. c/o McKeary Technical Services 948 - West Chestermere Dr. Chestermere Alberta  
(Name and Address of Purchaser)

3. Location of Installation: STOCK UNIT  
(Name and Address)

4. Type: HORIZONTAL 6928-03 N-0168-23 RD-0308-25 Rev1 1997  
(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 A '96 N/A N/A  
(Autenda (Date)) (Code Case No.) (Special Service per UG-120(d))

6. Shell: SA 516-70 3125 NIL 7' 11 1/4" 25' 0" S/S  
(Mat'l (Spec. No. Grade)) (Nom. Thick (in)) (Corr. Allow (in)) (Diam ID (ft. & in)) (Length Overall (ft. & in))

7. Seams: TYPE 1 SPOT 85% N/A N/A TYPE 1 SPOT \* 3  
(Long/Welded, Dbl. Singl. Lap Butt) (R.T. (Spot or Full)) (Eff (%)) (H.T. Temp (F)) (Time (hr)) (Girth/Welded, Dbl. Singl. Lap Butt) (Partial, Full)) (R.T. (Spot)) (# Courses)

8. Heads: (a) Mat'l. SA 516-70 (b) Mat'l. SA 516-70  
(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)	F/T END	0.500	NIL	90"	6.0"					CONCAVE
(b)	COAL.	0.375	NIL	90"	6.0"					CONCAVE

If removable, bolts used (describe other fastenings): \_\_\_\_\_

9. MAWP 70 psi at max. Temp., 200 °F  
Min. design metal temperature +5 °F at 70 psi. Hydro test pressure 105 psi.

10. Nozzles, inspection and safety valve openings:

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

11 Supports: Skirt NO Lugs -- Legs -- Other SADDLES 2 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)

HORIZONTAL DUAL POLARITY TREATER VOLUME: 1360 CU/FT  
IMPACT TEST EXEMPT PER UG-20f & UCS-66(a) \* SPOT PER UW-11(a)5(b) - HEAD TO SHELL SEAMS  
FAB DRG #: D-6928-03 Rev 4 NON-CORROSIVE SERVICE

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 Authorized No 11313 expires Sept 9, 1998

Date: DEC 22, 1997 Co. Name NATCO CANADA LTD. Signed \_\_\_\_\_  
(Manufacturer) (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by NATCO CANADA LTD AT CALGARY, ALBERTA, 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 DEC 22, 1997 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: 97-12-22 Signed \_\_\_\_\_ Commissions ALBERTA 55(2)  
(Inspector) (National Board (incl. endorsements), Prov. and No.)

Shop Order #: 6928