198.

FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS

(Alternative Fc for Single Chamber, Completely Shop-Fab .ted Vessel Only)
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1 (A) 3066599

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

2. Manufactured For: GULF CANADA RESOURCES 401 - 9 AVE SW CALGARY, ALBERTA
(Name and Address of Purchaser)

3. Location of Installation: NEVIS LSD: 12-12-40-22 W4M
(Name and Address)

4. Type: HORIZONTAL (HORIZ., or Vert. Tank) LM-3023 (Mfg's Serial No) M-7022.2 (CRN) D-6377-03 REV 2 (Drawing No.) ---- (Nat'l Bd. No.) 1995 (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. 1992 (Year)

to 1993 (Addenda (Date)) N/A (Code Case Nos.) N/A (Special Service per Ch 12 Ed)

6. Shell: SA 516-70N (Matl. (Spec. No. Grade)) 375 (Nom. Thk. Inc.) 125 (Ct. Allow.) 6' 0" (Inc. Ft. Dia.) 24' 0" S/S (Length Flow (Ft. Dia.))

7. Seams: DBL-V-BUTT (Long.(Welded, Fbl, Singl, Lap Butt)) FULL (R.T.(Spot of Full)) 100% (Eff.) 1150 (H.T. Temp.) 1 HR (Time (hr)) DBL-V-BUTT (Girth(Welded, Fbl, Singl, Lap Butt, Singl, Lap Butt)) FULL (R.T.(Spot, Part of Full)) 3 (# Courses)

8. Heads: (a) Matl. SA 516-70N (Spec. No. Grade) (b) Matl. SA 516-70N (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)	END	.313	.125			2:1				CONCAVE
(b)	END	.313	.125			2:1				CONCAVE

If removable, bolts used (describe other fastenings) ----------

9. MAWP 51 PSI at max. Temp., 200 °F
Min. design metal temperature -20 °F at 51 psi. Hydro test pressure 76 psi.

10 Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet Drain)	No.	Diameter or Size	Type	Material	Nozzle Thick	Conformance to Matl.	Flow Attached	Location
SEE ATTACHED U-4 FORM								

11 Supports: Skirt NO (Yes or No) Lugs NO (No) Legs NO (No) Other SADDLES 2 (Describe) Attached BTM-SHELL WELDED (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)

FLARE KNOCK OUT DRUM VOLUME: 745 CU/FT
IMPACT TEST EXEMPT PER UCS-66a
FAB DRG #: D-6377-03

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, 1995

Date: Feb 3/95 Co. Name NATCO CANADA LTD. (Manufacturer) Signed [signature] (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 Feb-3 19 95 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: Feb 3, 95 Signed [signature] (Authorized Inspector) Commissions ALBERTA #11 (Nat'l Board (incl. endorsements), Prov. and No.)

Shop Order #: 6377-03

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

1. Manufactured and Certified by Natco Canada Ltd. 9423 Shepard Rd. S.E. Calgary, AB. T2C 1E2
2. Manufactured for GULF CANADA RESOURCES (A) 3066599
3. Location of Installation NEVIS LSD: 12-12-40-22 W4M

4. Type HORIZONTAL (Horiz., Vert., or Sphere) FLARE DRUM (Tank, Separator, Heat Exch., etc.) LM-3023 (Mfg's. serial No.) 1995

M-7022.2 (CSN) D-6377-03 REV 2 (Dwg. #) Remarks

Purpose	No.	Size	Type	Mat'l	Thickness	Reinf. Mat	How	Where
MANWAY	M1	24	FAB	SA 106B	.500	–	WELD	
FLARE INLET	N1AB	10	RFWN	SA 106B	.500	–	WELD	
FLARE OUTLET	N2	14	RFWN	SA 106B	.750	–	WELD	
DRAIN	N3	4	RFWN	SA 106B	.438	–	WELD	
COIL IN/OUT	N4AB	2	RFWN	SA 106B	.343	–	WELD	HEAD
PURGE W//BLD	N5	2	RFWN	SA 106B	.343	–	WELD	HEAD
LEVEL GAUGE	C1AB	3/4	CPLG	SA 105N	–	–	WELD	HEAD
LSH	C2	2	CPLG	SA 105N	–	–	WELD	HEAD
LSHH	C3	2	CPLG	SA 105N	–	–	WELD	HEAD
TI	C4	1	CPLG	SA 105N	–	–	WELD	HEAD
PI	C5	3/4	CPLG	SA 105N	–	–	WELD	HEAD

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

Date Feb. 3/95 Name Natco Canada Ltd. (Manufacturer) Signed (Representative)

Date Feb 3, 95 Name (Authorized Inspector) Commission ALBERTA #11 (Natl. Board (incl. endorsements), State, Province and No.)

Shop Order #: 6377-03