

6-500

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) 273000

1. Manufactured and certified by ENERFLEX SYSTEMS LTD. 6839-44th ST. S.E. CALGARY, Alberta T2C 2C9
(Name and address of manufacturer)

2. Manufactured for GEMINI ENGINEERING LTD. 700, 5940 MACLEOD TRAIL S.W. CALGARY, Alberta T2H 2G4
(Name and address of purchaser)

3. Location of installation UNOCAL L.S.D. 8-15-84-14-W5M
(Name and address)

4. Type HORIZONTAL 8723-102 H1399.2 LTS26-1300-3X2 ---- 1987
(Horizontal or vertical tank) (Mfg's serial No.) (ICRN) (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 1986
Year

to 86 LOW TEMP SERVICE
Addenda (Date) Code Case Nos. Special Service per UG-120(a)

6. Shell: SA-516-70 1.375 .062 2' 9-1/4" 14'
Mat'l. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)

7. Seams: WSB FULL 100% 1100 90 min. WSB FULL 2
Long. (Welded, Dbl., Sngl., Lap, Butt) R.T. (Spot or Full) Eff. (%) H.T. Temp. (°F) Time (hr) Girth (Welded, Dbl., Sngl., Lap, Butt) F.T. (Spot, Partial, or Full) No. of 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)	END	1.316	.062			2:1				CONCAVE
(b)	END	1.316	.062			2:1				CONCAVE

If removable, bolts used (describe other fastenings) _____
(Mat'l., Spec. No., Gr. Size, No.)

9. MAWP 1300 psi at max. temp. 300 °F
 Min. temp. (when less than -20°F) -50 °F. Hydro., pneu., or comb. test pressure 1950 psi.

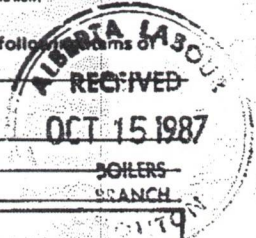
10. Flanges, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No	Diam or Size	Type	Mat'l	Nom Thk	Reinforcement Mat'l	How Attached	Location
N1	1	3"	RFWN	SA-333 GR. 6	.600	SA-516-70	WELD	SHELL
N2 & N3	2	2"	RFWN	SA-333 GR. 6	.436	-----	WELD	SHELL
B1	1	12"	SMLS PIPE	SA-333 GR. 6	.687	-----	WELD	SHELL
C2/C8/C10A&B	4	1"	LG CPLG	SA-350 LF 2	3000#	-----	WELD	NOZZLE & SHELL

11. Supports: Skirt NO Lugs _____ Legs 2 Other _____ Attached WELDED SHELL
(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)

LOW TEMP SEPARATOR
CAPACITY 104 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. 20536 expires SEPT. 17, 1988.
 Date SEP 29 87 Co. name ENERFLEX SYSTEMS LTD. Signed [Signature]
(Manufacturer) (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by ENERFLEX SYSTEMS LTD. at 6839-44th St. S.E. 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 Government of Alberta have inspected the component described in this Manufacturer's Data Report on SEP 30, 1987, 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 SEP 30, 87 Signed [Signature] Commissions ALBERTA
(Authorizing Inspector) (Nat'l Board (incl. endorsements), Date, Prev. and No.)

