

FORM U-1A MANUFACTURERS' DATA REPORT FOR PRESSURE VESSELS
 (Alternate Form for Single Chamber, Completely Shop-Fabricated Vessels Only)
 as required by the provisions of the ASME Code rules, Section VIII, Division 1 (A) 2971229

0200

- Manufactured and certified by CESSCO FAB. & ENG. LTD. 7310 - 99 STREET, EDMONTON, ALBERTA
(name and address of manufacturer)
- Manufactured for I.P. CONSTRUCTORS #200 1209 - 59 AVE. S.E. CALGARY, ALBERTA
(name and address of purchaser)
- Location of installation NORCEN ENERGY GOLDEN SPIKE PHASE II
(name and address)
- Type: VERT 3398 M3613.2 3398-0-REV1 - 1994
(horiz. or vert., tank) (mfr's. serial no.) (CRN) (drawing no.) (Nat'l. Bd. no.) (year built)
- 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 Code, Section VIII, Division 1: 1992
(addenda (date)) (Code Case no.) (special service per UG-120(d)) (year)
- Shell: SA240-304L 1" 0.0625 5'-0" 22'-0 S/S
(mat'l. (spec. no., grade)) (nom. thickness (in.)) (corr. allow. (in.)) (dia. ID (ft. & in.)) (length (overall) (ft. & in.))
- Seams: W.D.B FULL 100 N/A N/A W.D.B SPOT 3
(long. (welded, dbl., singl. lap, buttl)) (RT (spot or full)) (eff. (%)) (HT temp. (°F)) (time (hr.)) (girth (welded, dbl., singl., lap, buttl)) (RT (spot, partial, or full)) (no. of courses)
- Heads: (a) SA240-304L (b) SA240-304L
(mat'l. (spec. no., grade)) (mat'l. (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)	TOP	1.039	0.0625	-	2:1	-	-	-	-	CONCAVE
(b)	BTM	1.030	0.0525	-	2:1	-	-	-	-	CONCAVE

If removable, bolts used (describe other fastenings): _____
(mat'l., spec. no., gr., size, no.)

9. MAWP: 465 at max. temp. 150 Min design metal temp. -20 at 465 Hydro., pneu. or comb. test pressure 702
(psi) (°F) (°F) (psi)

10. Nozzles, inspection and safety valve openings:

Purpose (inlet, outlet, drain, etc.)	No	Dia or Size	Type	SA Mat'l.	Nom. Thickness	Reinforcement Mat'l.	How Attached	Location
LIQUID INLET	A	4"x300	RFWN	SA240-304L	Sch 80S	SA240-304L	WELDED	BTM HD
OUTLET	B	12"x300	RFWN	SA240-304L	Sch 80S	SA240-304L	WELDED	TOP HD
GAS INLET	C	6"x300	RFWN	SA240-304L	Sch 80S	SA240-304L	WELDED	SHELL
MANWAY	M	20"x300	RFWN	SA240-304L	Sch 80S	SA240-304L	WELDED	SHELL

11. Supports: Skirt YES Lugs _____ Legs _____ Other _____ Attached WELDED TO BTM
(yes or no) (no) (no) (describe) (where & how)

12. Remarks: Manufacturers' 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 mfr's name and identifying stamp)

IMPACT TEST EXEMPT PER UHA 51 - PSV ON ADJACENT PIPING

- 1) SPARGED TOWER TAG #T203 2) 471 ft³ 3) NORCEN ENERGY RESOURCES

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. 4546 expires 30 1996
 Date May 9 Name CESSCO Signed _____
(manufacturer) (representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by CESSCO FAB. & ENG. LTD. at _____
 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 BOILER & PRESSURE VESSEL SAFETY of ALBERTA have inspected the component described in this Manufacturers' Data Report on May 5 1994 and state that, to the best of my knowledge and belief, the manufacturer has constructed this pressure vessel in accordance with the 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 the Manufacturers' 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 May 11 1994 Signed _____ Commissions ALBERTA #37
(Authorized Inspector) (Nat'l. Bd. (incl. endorsements) state, prov. and no.)

View 13.3 mg