

A2080827

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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

1. Manufactured by **ABAX ENERGY SERVICES LTD., 5929 - 6 Street, N.E., Calgary, AB. T2K 5R5**
2. Manufactured for **CANADIAN HUNTER EXPLORATION, #700, 435 - 4 Ave., S.W., Calgary, AB.**
3. Location of Installation **LSD 06-35-65-03 W6M**
4. Type **Vert. Tank** **AB220-1194-V1** **E-7133.2** **220-1194-B501** **----** **(Year Built) 1983**
 (Horiz. or vert. tank) (Mfr's Serial No.) (Drawing No.) (Nat'l Brd No.)
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 1980 and Addenda to Winter/82 and Code Case Nos. ---- (Date)

Special Service per UG-120(d) ----

Manufacturers' Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report: ----

6. Shell: Matl. **SA-516-70** **25.4mm** **Corr.** **762 mm** **2286 mm** **S/S**
 (Spec. No., Grade) **Thk.** **1** **in. Allow.** **30** **in. Lgth.** **7 ft** **6 in.**
7. Seams: Long. Welded **Single Butt R.T.** **FULL** **Efficiency** **100 % H.T. Temp.** **N/A** **F** **Time** **N/A** **hr**
 (Welded, Dbl. Sngl. Lap. Butt) (Spot or Full)
- Girth Welded **Single Butt**
8. Heads: (a) Material **SA-516-70** **(Spec. No., Grade)**
 (Welded, Dbl. Sngl. Lap. Butt)

	Location (Top, Bottom, Ends)	Min. Thk.	Corr. Allow.	Crown Radius	Knuckle Radius	Ellipse Ratio	Conical Apex Angle	Hemisp. Radius	Flat Diam.	Side to Pressure (Convex or Concave)
(a) TOP		23.88mm	--	--	--	2:1	--	--	--	Concave
(b) BOTTOM		.940"	--	--	--	2:1	--	--	--	Concave

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

9. Constructed for max. allowable working pressure **7929 kPa** **(Material, Spec. No., Gr. Size, No.)**
 less than **-20 F** **1150** **psi at max. temp. 48.4°C/120 F.** **Min. temp. (when**
10. Safety Valve Outlets: Number **1** **Size 48.3mm** **Location** **SHELL** **psi. 11,893 kPa**
11. Nozzles and Inspection Openings: **1.5"**

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Matl.	Nom. Thk.	Reinforcement Matl.	How Attached	Location
INLET	1	114.3mm 4"	RFWN	SA-106-B	8.56 mm .337"	SA-516-70	WELDED	SHELL
OUTLET	1	114.3mm 4"	RFWN	SA-106-B	8.56 mm .337"	SA-516-70	WELDED	SHELL
DRAIN	1	33.4mm 1"	TOL	SA-106-B	4.55 mm .179"	----	WELDED	BTM. HEAD
INSP. OPENING	1	60.3mm 2"	CPLG	SA-105	----	----	WELDED	SHELL

12. Supports: Skirt **YES** **Lugs** **--** **Legs** **--** **Other** **----** **Attached Welded to Btm. Head**
 (Yes or no) (No.) (No.) (Describe) (Where and how)

13. Remarks:

VOLUME: **1.0 M³**

3-PHASE SEPARATOR

CERTIFICATE OF 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, by **ABAX ENERGY SERVICES LTD.** Signed **ABAX ENERGY SERVICES LTD.** (Manufacturer) **March 1/83** (Representative) **March 1/83**

"U" Certificate of Authorization No. **14941** expires **December 28**, 1984

CERTIFICATE OF SHOP INSPECTION

Vessel made by **ABAX ENERGY SERVICES LTD.** at **CALGARY**
 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 **LABOUR** have inspected the pressure vessel described in this Manufacturers' Data Report on **March 1, 1983**, 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 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.

Signed **[Signature]** Date **1/3/83** Commissions (Nat'l Board, State, Province and No.)

(176)

This form (E00117) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

MANUFACTURERS' DATA REPORT SUPPLEMENTARY SHEET

1. Manufactured by ABAX ENERGY SERVICES LTD., 5929 - 6 Street, N.E., Calgary, AB. T2K 5R5
(Name and Address of Manufacturer)

2. Manufactured for CANADIAN HUNTER EXPLORATION, #700, 435 - 4 Avenue, S.W., Calgary, AB.
(Name and Address of Purchaser)

3. Location of Installation LSD 06-35-65-03-W6M
(Name and Address)

4.	Type	VERTICAL	TANK	Vessel No.	AB 220-1194-VI	E-7133.2	Dwg	220-1194B501
		Horiz Vert	Tank etc	Mfgt. Serial		CRN		

Year Builc	1983
1983	1983

[illegible]

Date March 1/83 ABAX ENERGY SERVICES LTD. Signed Karl H. Schuch
Manufacturer

1/3/83
Director's Signature

Authorized Inspector's Signature

Commissions

Province & Number