

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

A3141304

1. Manufactured and certified by MOSS FABRICATION LTD., #4, 6613 - 44TH STREET S.E., CALGARY, ALBERTA T2C 2G9
 (Name and address of manufacturer)
 2. Manufactured for ELIE RANGE RESOURCES CORP., 1100, 801 - 6TH AVENUE S.W., CALGARY, ALBERTA
 (Name and address of purchaser)
 3. Location of installation CLEAR HILLS GAS PLANT 16-11-88-13 WGM
 (Name and address)
 4. Type HORIZONTAL SEPARATOR 1903 N 0303.2 1903-3 REV 2 N/A 1995
 (Manufacturer's Code) (Drawing No.) (Part 1 of 2) (Year Made)

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.

to N/A Code Case No. N/A Special Order per US 20561
 6. Shell: SA-516-70 N 2.5" Mem. TH. (In.) 0.125" Corr. Allow. (In.) 60" I.D. 15'-0" S/S
 (Mat. Spec. No., Grade) (Length External) (Pl. 6 In.)

7. Seams: DOUBLE BUTT FULL 100 2 1/4 SINGLE BUTT FULL 2
 (Long. Width, Div., Spd., Lap, Butt) (St. (In)) (N.T. Temp. (F)) (Time (hr)) (R.T. Heat, Postheat, or Fuel) (No. of Courses)

8. Heads: (a) Matl. SA-516-70 N (b) Matl. SA-516-70 N (Spec. No., Grade)

Location (Top, Bottom, Ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Cerical Apert Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Concave or Convex)
(a) END	2.441"	0.125"			2:1 SE				CONCAVE
(b) END	2.441"	(3.2mm)			2:1 SE				CONCAVE

If removable, bolts used (describe other fastenings) N/A

9. MAWP (8964 KPA) 144 1300 99C 200 °F
 Min. design metal temp. (e.5°C) 33 °F at 1300 psi. Hydro., pneu., or comb. test pressure (13446 KPA) 1930 psi.

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Matl.	Mem. TH.	Reinforcement Matl.	How Attached	Location
INLET/OUTLET	2	8"	RELIN	SA-106-B	0.906"	SA-516-70 N 2.25"	WELD	SHELL
ESV	1	2 1/2"	RELIN	SA-106	0.719"	SA-516-70 N 0.75"	WELD	SHELL
INSTR./OUTLET	5	2"	RELIN	SA106-B	0.344"	N/A	WELD	SHELL
MANWAY	1	16"	RELIN	SA-106	2.69"	N/A	WELD	HEAD

11. Supports: Skirt NO Legs N/A Other SADDLE Attached WELD TO WEAR PLATES ON SHELL
 (7/16 or 1/2) (In.) (Spec. No.) (Mount)

12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report: N/A

VOLUME 333.6 OL. ET. (9.44 M.O.BED) BUILT TO UW 11(a)
 IMPACT TESTS NOT REQUIRED PER UCS 663

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. 2473 expires APRIL 2, 1996.
 Date DEC 15, 1995 Co. name MOSS FABRICATION LTD. Signed Ken G. F. [Signature]

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by MOSS FABRICATION LTD. at 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 ALBERTA BOILERLESS SAFETY ASSOCIATION
 have inspected the component described in this Manufacturer's Data Report on Dec 15, 1995, 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 12/15/95 Signed [Signature] Commission ALBERTA 4012
 (Authorized Inspector) (Part 1 Based Data, under ASME Code, Part. and Rule)