

FORM U-1A MA 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 228209
 Dec 18/85

1. Manufactured and certified by CE Natco Limited 9423 Shepard Road S.E. Calgary, Alberta
(name and address of manufacturer)
2. Manufactured for Poco Petroleum Limited 600 205 5th Avenue S.W. Calgary, Alberta T2P 2V7
(name and address of purchaser)
3. Location of installation 2-9-31-16-W4
(name and address)
4. Type: Horizontal L-8-227 F-5837.2 BA-4506-03 1985
(horiz. or vert., tank) (mfr's. serial no.) (CRN) (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 Code, Section VIII, Division 1: 1983
(year)
6. Shell: SA-516-70 .3125 2438mm/8'-0" 7625mm/25'-0"
(mat'l. (spec. no., grade)) (nom. thickness (in.)) (corr allow (in.)) (dia ID (ft. & in.)) (length (overall)) (ft. & in.)
7. Seams: DBL-V-BUTT Spot 85 DBL-V-BUTT spot partial 3
(long. (welded, dbl., angl. lap, butt)) (RT (spot or full)) (eff. (%)) (HT temp. (°F)) (time (hr)) (grth (welded, dbl., angl. lap, butt)) (RT (spot partial, or full)) (no. of courses))
8. Heads: (a) SA-516-70 (b) SA-516-70
(mat'l. (spec. no., grade)) (mat'l. (spec. no., grade))

	Location (top, bottom, end)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (convex or concave)
(a)	coal	9.5mm				F&D				concave
(b)	F.T.	19.5mm				F&D				concave

9. MAWP: 50 at max. temp. 200 Min. temp. — Hydro. pneu. or comb. test pressure 517 kpa
(psi) (°F) (when less than -20°F) (psi)

10. Nozzles, inspection and safety valve openings:

Purpose (inlet, outlet, drain, etc.)	No	Dia or Size	Type	Mat'l	Nom. Thickness	Reinforcement Mat'l	How Attached	Location
manway	M1	24"	FAB	SA106B	19.5mm		welded	head
manway	M2	16"	PRESS	SA285C	16mm		welded	shell
relief	C22	3"	CPLG	SA105		3000#	welded	shell

11. Supports: Skirt NO Lugs — Legs — Other saddles Attached btm welded
(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)
2438mm x 7625mm @ 345 kpa D.P.
Horizontal HFH-P Crude Emulsion Treater Vol. 38.4m³

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. 11313 expires 9/9, 1986
 Date 18 DEC 85 Name CE Natco Limited Signed [Signature]
(manufacturer) (representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by CE Natco Limited at Calgary
 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 Manufacturers' Data Report on Dec 18, 1985 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 Dec 18, 1985 Signed [Signature] Commissions —
(Authorized Inspector) (Nat'l Bd (incl. endorsements) state, prov. and no.)