

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

3127320

3127320

1. Manufactured and certified by Nusco Manufacturing & Supply Ltd. 1604-8th St. Nisku, Alta. Can. T9E 7S6
(Name and address of manufacturer)
2. Manufactured for Ulster Petroleum Ltd. #1400, 144-4 Ave. S.W. Calgary, Alta. T2P 3N4
(Name and address of purchaser)
3. Location of installation Gold Creek LSD 13-29-67-04 W6M
Vertical
(Name and address)
4. Type 3-Phrase Sep. : 50606-200 M-8472.2 D0516-200 R.0 1995
(Mount, or vert., tank) (Mfg'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 Rules, Section VIII, Division 1 1992
Year
- to 94A N/A N/A
Addenda (Date) Code Case Nos. Special Services per UG-120(d)
6. Shell: SA-516-70N 1.750 0.0625 36" OD 10' - 0"
(Mat'l. Spec. No., Grade) (Nom. Thk. (in.)) (Corr. Allow. (in.)) (Diam. I.D. (ft. & in.)) (Length (overall) (ft. & in.))
7. Seams: Weld Sngl. Butt RT-1 Full 100 1150 2.0 Weld Sngl. Butt RT-1 Full 1
(Long. (Welded, Dbl., Sngl., Lap, Butt)) (R.T. (Spot or Full)) (ER, (X)) (H.T. Temp. (°F)) (Time (hr)) (Girth (Welded, DM., Sngl., Lap, Butt)) (R.T. (Spot, Partial, or Full)) (No. of Courses)
8. Heads: (a) Mat'l. SA-516-70N (b) Mat'l. SA-516-70N
(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)	Top	1.690	0.0625	---	---	2:1	---	---	---	Concave
(b)	Bottom	1.672	0.0625	---	---	2:1	---	---	---	Concave

If removable, bolts used (describe other fastenings)

N/A

(Mat'l. Spec. No., Gr., Size, No.)

9. MAWP 1410 psi at max. temp. 150 °F
Min. design metal temp. -5 °F at 1410 psi. Hydro., pneu., or comb. test pressure 2115 psi.

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Mat'l.	Nom. Thk.	Reinforcement Mat'l.	How Attached	Location
See								
U4 Form								

11. Supports: Skirt Yes Lugs 2 Legs --- Other --- Attached Welded to heads
(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: N/A
(Name of part, item number, Mfg's. name and identifying stamp)

Vessel is impact test exempt per UG 20 (f) & UCS - 66

Capacity- 62.9 Cu. Ft.

Hydrotested- Vertically

Customers responsibility to install adequate pressure relief valve

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. 24776 expires April 24, 1996.
Date NOV 29 1995 Co. name Nusco Manufacturing & Supply Ltd. Signed [Signature]
(Manufacturer) (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by Nusco Manufacturing & Supply Ltd. at 1604-8th St. Nisku, Alta. Can. T9E 7S6

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 Boilers Safety Association

have inspected the component described in this Manufacturer's Data Report on Nov 29, 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 Nov 29/95 Signed [Signature] Commissions Alberta 5
(Authorized Inspector) (Nat'l. Board (incl. endorsements), State, Prov. and No.)

FORM U-4 MANUFACTURER'S DATA REPORT SUPPLEMENTARY SHEET
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

(A) 312732

Manufactured and certified by Nusco Manufacturing & Supply Ltd. 1604 8th St. Nisku, Alta. Can. T9E 7S6
(Name and address of Manufacturer)

Manufactured for Ulster Petroleum Ltd. #1400, 144-4 Ave. S.W. Calgary, Alta. T2P 3N4
(Name and address of Purchaser)

Location of installation Gold Creek LSD 13-29-67-04 W6M
(Name and address)

Vertical 3-Phase Separator 50606-200
(Model, vert., or sphere) (Tank, separator, heat exch., etc.) (Mfg's serial No.)
M-8472.2 D0516-200 Rev.0 1995
(CRN) (Drawing No.) (Nat'l. Bd. No.) (Year Built)

Inspection Report Number 10 Remarks

NOZZLES, INSPECTION AND SAFETY VALVE OPENINGS:

NOZZLE	NO.	DIA.	TYPE	MAT'L	NOM. THK.	RETN MAT'L	ATTACH/INSTR.
Inlet	1	6"	600# RFWN	SA-106-B	XH/XXH	SA-516-70N	Weld to shell
Steam Outlet	1	6"	600# RFWN	SA-333-GR6	XH/XXH	SA-516-70N	Weld to top
Drain	1	2"	600# RFWN	SA-106-B	SCH 160	N/A	Weld to bottom
Water Outlet	1	2"	600# RFWN	SA-106-B	SCH 160	N/A	Weld to shell
HC Outlet	1	2"	600# RFWN	SA-106-B	SCH 160	N/A	Weld to shell
Water IC	1	4"	600# RFWN	SA-106-B	XXH	SA-516-70N	Weld to shell
HC IC	1	4"	600# RFWN	SA-106-B	XXH	SA-516-70N	Weld to shell
B Water IG	2	2"	600# RFWN	SA-106-B	SCH 160	N/A	Weld to shell
B HC IG	2	2"	600# RFWN	SA-106-B	SCH 160	N/A	Weld to shell
PSV	1	2"	600# RFWN	SA-333-GR6	SCH 160	N/A	Weld to shell
PT	1	2"	600# RFWN	SA-106-B	SCH 160	N/A	Weld to shell
TI	1	2"	600# RFWN	SA-106-B	SCH 160	N/A	Weld to shell
Inspection	1	4"	600# RFWN	SA-333-GR6	XXH	SA-516-70N	Weld to shell
Inspection	1	4"	600# RFWN	SA-106-B	XXH	SA-516-70N	Weld to shell

Construction Drawing D0568-200 Rev.0

Authorization: Type U No. 24776 Expires April 24

29 1995 Name Nusco Manufacturing & Supply Ltd. Signed [Signature]
(Manufacturer) (Representative)

29/95 Name [Signature] Commission Alberta
(Authorized Inspector) (Dist'l Board incl. endorsement, State, Prov.)