

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

① 530927

1. Manufactured and certified by Magic Span Fabricating Limited 5505-56 Avenue S.E. Calgary, Alberta T2C 3X8
(Name and address of manufacturer)

2. Manufactured for Petrofield 3236-50th Ave S.E. Calgary Ab. T2B-3A9
(Name and address of purchaser)

3. Location of Installation Unknown
(Name and address)

4. Type Vertical 05-020 R6481.2 2004-509-A-1 Rev2 N/A 2005
(Honz. or vert. tank) (Mfr's serial No.) (CRN) (Drawing No.) (ASME Code) (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 2001

To 2003 N/A N/A
(Addenda (Date) Code Case No. Special Service per UG-120(d))

6. Shell SA-516-70N 1.5" 1/16" 2.9" 8'0" S/S
(Matl. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Dia. (2" dia. or less) Length (overall) (ft. & in.)

7. Seams Type 1 Full 100% N/A N/A Type 1 Full 1
(Long. (Welded, Obl., Singl. Lap, Butt) R.T. (Spcl. or Full) Eff. (%) H.T. Temp. (°F) Time (hr) Dia. (Welded Obl., Singl. Lap, Butt) R.T. (Spcl. Partial) or Full) No. of Courses

8. Heads: (a) Matl. SA516-70N (b) Matl. SA516-70N
(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	1.375"	0.0625"			2:1				Concave
(b)	Bottom	1.375"	0.0625"			2:1				Concave

If removable, bolts used (describe other fastenings) N/A
(Matl., Spec. No., Gr., Size, etc.)

9. MAWP 1440 psi at max. temp. 100 °F
 Min. design metal temp. -20 °F at 1440 psi. Hydro. pres. or comb. Test pressure 1872 psi.

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam Or Size	Type	Matl.	Nom. Thk.	Reinforcement Matl.	How Attached	Location
Inlet/Outlet/Insp.	2	4"	cl600	SA106-B/SA105N	.674"	SA516-70N	UW16.1 @	Shell/Head
PI	1	1/2"	TOL	SA105N		N/A	JW16.1 (a)	Shell
T/LG	5	3/4"	TOL	SA105N		N/A	JW16.1 (a)	Shell
LC/Oil-Cond.-H2O	7	2"	TOL	SA105N		N/A	UW16.1 (a)	Shell
Out/Insp/HLSD/PSV								
Drain	1	2"	Pipe	SA106-B	.344"	N/A	UW16.1 @	Bot. Head

11. Supports: Skirts Yes Lugs N/A Legs N/A Other Welded to Head
(Yes or No) (No) (No) (Describe) (Where attached)

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

Description: 36" Sweet Service Separator Radiography: per UW-113
 Capacity: 54.92 cu/ft Impact Testing: exempt per UCS-66(a)(6) / X3
 Fabrication Drawing: 2005-020-A-1 Rev.0

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-1 Certificate of Authorization 28497 2005 07
 No. 418105 Co. Name Magic Span Fabricating Limited
(Manufacturer)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by Magic Span Fabricating Limited
 I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors, State of Alberta and employed by Alberta
 Have inspected the component described in the Manufacturer's Data Report on APR 08 2005
 to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with the ASME Code for Pressure Vessels, Section VIII, Division 1. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, for the accuracy of the Manufacturer's Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any damage or injury arising from or connected with this inspection.
 Date APR 08 2005 Signed [Signature]
(Inspector) (Inspector's License No.)