

# R04 Manufacturer's Data Report (U1A)

**FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS**  
 (Alternative Form for Single-Chamber, Completely Shop- or Field-Fabricated Vessels Only)  
 As Required by the Provisions of the ASME Boiler and Pressure Vessel Code Rules, Section VIII, Division 1

①692282

1. Manufactured and certified by MaXfield Inc.  
MaXfield Inc., 1026 Western Drive, Crossfield, Alberta, T0M 0S0 Canada  
(Name and address of Manufacturer)
2. Manufactured for Husky Energy Inc. PO Box 6525, Postal Station "D" 707 - 8 Avenue SW Calgary AB T2P 3G7 Canada  
(Name and address of Purchaser)
3. Location of installation Husky Energy Inc. 7-11 Wembley Multi Well Pad LSD 07-11-073-10 W6M Wembley AB Canada  
(Name and address)
4. Type Horizontal 42425A Z3640.2 27400-2100D R1 N/A 2021  
(Horizontal or vertical, tank) (Manufacturer's serial number) (CRN) (Drawing number) (National Board number) (Year built)
5. ASME Code, Section VIII, Div. 1 2019 N/A N/A  
(Edition and Addenda, if applicable (date)) (Code Case number) [Special service per UG-120(d)]
6. Shell SA516-70N 0.500" 0.125" 10' 10" 39' 10" S/S  
(Material spec. number, grade) (Nominal thickness) (Corr. allow.) (Inner diameter) (Length (overall))

Body Flanges on Shells										Bolting			
No.	Type	ID	OD	Flange Thk	Min Hub Thk	Material	How Attached	Location	Num & Size	Bolting Material	Washer (OD, ID, thk)	Washer Material	

7. Seams Type 1 Full 100 1160°F 68 Min Type 1 Full 100 4  
[Long. (welded, dbl., sngl., lap, butt)] [R.T. (spot or full)] (Eff., %) (H.T. temp.) (Time, hr) [Girth (welded, dbl., sngl., lap, butt)] [R.T. (spot or full)] (Eff., %) (No. of courses)
8. Heads: (a) Material SA516-70N (b) Material 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)	End	0.4945"	0.125"			2:1 SE				Concave
(b)	End	0.4945"	0.125"			2:1 SE				Concave

Body Flanges on Heads										Bolting			
	Location	Type	ID	OD	Flange Thk	Min Hub Thk	Material	How Attached	Num & Size	Bolting Material	Washer (OD, ID, thk)	Washer Material	
(a)													
(b)													

9. MAWP 109 psi N/A at max. temp. 131°F N/A  
(Internal) (External)
- Min. design metal temp. -49°F at 109 psi. Hydro. neu. or comb. test pressure 142 psi
- Proof test N/A

10. Nozzles, inspection, and safety valve openings:

Purpose (Inlet, Outlet, Drain, etc.)	No.	Diameter or Size	Type	Material		Nozzle Thickness		Reinforcement Material	Attachment Details		Location (Insp. Open.)
				Nozzle	Flange	Nom.	Corr.		Nozzle	Flange	
Inlet / Pump Out	2	4" CL150	RFHB	SA350-LF2 CL1		1.305"	0.125"	Integral	UW16.1e	N/A	Shell
Truck Out Oil / Water	2	3" CL150	RFLWN	SA350-LF2 CL1		0.63"	0.125"	Integral	UW16.1e	N/A	Head
Truck Out / Spare	2	3" CL150	RFLWN	SA350-LF2 CL1		0.63"	0.125"	Integral	UW16.1e	N/A	Shell
Bridle / Vent / Temp	4	2" CL150	RFLWN	SA350-LF2 CL1		0.53"	0.125"	Integral	UW16.1e	N/A	Shell
Blanket/Clean/Press	5	2" CL150	RFLWN	SA350-LF2 CL1		0.53"	0.125"	Integral	UW16.1e	N/A	Shell
LSHH / PSV	2	3" CL150	RFLWN	SA350-LF2 CL1		0.63"	0.125"	Integral	UW16.1e	N/A	Shell
Manway	1	24" CL150	RFLWN	SA350-LF2 CL1		1.13"	0.125"	SA516-70N	UW16.1q	N/A	Shell

11. Supports: Skirt No Lugs 2 Legs 0 Other Saddle Pads Attached Shell Welded  
(Yes or no) (Number) (Number) (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, Manufacturer's name and identifying stamp)

30.2M USWG Water Storage Sour Service, Capacity 4,045 Cu.FT (114.5 Cu.M) Manufacturing Drawing 27400-2100D R2, See U4 Manufacturer's Supplementary Data Report

Manufactured by \_\_\_\_\_

Manufacturer's Serial No. 42425A CRN Z3640.2 National Board No. N/A

**CERTIFICATE OF SHOP/FIELD 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 BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. "U" Certificate of Authorization number 13,551 expires July 7, 2023.

Date March 26, 2021 Co. name MaXfield Inc. Signed [Signature]  
(Manufacturer) (Representative)

**CERTIFICATE OF SHOP/FIELD INSPECTION**

Vessel constructed by MaXfield Inc. at 1026 Western Drive, Crossfield, Alberta, Canada.  
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and employed by Alberta Boilers Safety Association (ABSA) of Alberta, Canada

have inspected the component described in this Manufacturer's Data Report on MAR 26 2021, and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. By signing this certificate neither the Inspector nor his/her employer makes any warranty, expressed or implied, concerning the pressure vessel described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his/her 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 MAR 26 2021 Signed [Signature] Commissions NB14386 D0007095  
(Authorized Inspector) (National Board Authorized Inspector Commission number)

