

FORM U-1 MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

A504126

1. Manufactured and certified by Aleo Gas & Oil Production Equipment LTD. 5203-75 th STREET EDMONTON ALBERTA
(Name and address of Manufacturer)

Manufactured for DEVON CANADA CORPORATION C/O MAJESTIC ENGINEERING 550 - 6 th AVENUE SW CALGARY, ALTA
(Name and address of Purchaser)

3. Location of installation PINTO GATHERING FACILITY LSD 10 -15 -56 -7 -W5M
(Name and address)

4. Type: Horizontal STABILIZER BOTTOMS HEATER 2004-7177-04
(Horiz., vert., or sphere) (Tank, separator, jkt. vessel, heat exh., etc.) (Mfg's serial No.)
R-6292.2 D-2004-7177-04-002/2 R0 N/A 2004
(CRN) (Drawing No.) (Nat'l. Bd. No.) (Year built)

5. ASME Code, Section VIII, Div. 1 2001/A2003 2429 N/A
(Edition and Addenda (date)) (Code Case No.) (Special Service per UG-120(d))

Items 6 - 11 incl. to be completed for single wall vessels, jackets of jacketed vessels, shell of heat exchangers, or chamber of multi-chamber vessels.

6. Shell (a) No. of course(s): N/A (b) Overall length (ft & in.): N/A

Course(s)			Material		Thickness		Long. Joint (Cat. A)			Circum. Joint (Cat. A, B, & C)			Heat Treatment	
No.	Diameter, in.	Length (ft. & in.)	Spec./Grade or Type		Nom.	Corr.	Type	Full, Spot, None	Eff.	Type	Full, Spot, None	Eff.	Temp.	Time
N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

7. Heads: (a) N/A (b) N/A
(Mat'l Spec. No., Grade or Type) (H.T.-Time & Temp.) (Mat'l Spec. No., Grade or Type) (H.T.-Time & Temp.)

Location (Top, Bottom, Ends)	Thickness		Radius		Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure		Category A			
	Min.	Corr.	Crown	Knuckle					Convex	Concave	Type	Full, Spot, None	Eff.	
(a)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
(b)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

If removable, bolts used (describe other fastening) N/A
(Mat'l Spec. No., Grade, size, No.)

Type of jacket N/A Jacket closure N/A
(Describe as ogee & weld, bar, etc.)

If bar, give dimensions N/A If bolted, describe or sketch.

9. MAWP N/A N/A psi at max. temp. N/A N/A °F Min. design metal temp. N/A °F at N/A psi
(internal) (external) (internal) (external)

10. Impact test N/A at test temperature of _____ °F.
(Indicate yes or no and the component(s) impact tested)

11. Hydro., pneu., or comb. test press. N/A N/A Proof test N/A
Items 12 and 13 to be completed for tube sections.

12. Tubesheet: SA-516-70N 11 7/8" 1 5/8" 1/16" Bolted
(Stationary (Mat'l Spec. No.)) (Dia., in. (subject to press.)) (Nom. thk., in.) (Corr. Allow., in.) (Attachment (welded or bolted))
N/A N/A N/A N/A N/A
(Floating (Mat'l Spec. No.)) (Dia., in.) (Nom. thk., in.) (Corr. Allow., in.) (Attachment)

13. Tubes: SA-193 3/4" 14GA 38 U
(Mat'l Spec. No., Grade or Type) (O.D., in.) (Nom. thk., in. or gauge) (Number) (Type (Straight or U))

Items 14 - 18 incl. to be completed for inner chambers of jacketed vessels or channels of heat exchangers.

14. Shell (a) No. of course(s): 1 (b) Overall length (ft & in.): 1' 7 5/8" FOF/SEAM

Course(s)			Material		Thickness		Long. Joint (Cat. A)			Circum. Joint (Cat. A, B, & C)			Heat Treatment	
No.	Diameter, in.	Length (ft & in.)	Spec./Grade or Type		Nom.	Corr.	Type	Full, Spot, None	Eff.	Type	Full, Spot, None	Eff.	Temp.	Time
1	12"	1' 2 1/2"	SA-106B		3/8"	1/16"	S	N/A	100	1	spotw 11a5b	100	NIL	N/A

15. Heads: (a) SA-516-70N (b) SA-105 RFWN
(Mat'l Spec. No., Grade or Type) (H.T.-Time & Temp.) (Mat'l Spec. No., Grade or Type) (H.T.-Time & Temp.)

Location (Top, Bottom, Ends)	Thickness		Radius		Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure		Category A			
	Min.	Corr.	Crown	Knuckle					Convex	Concave	Type	Full, Spot, None	Eff.	
(a)	END	.280"	1/16"	N/A	N/A	2:1	N/A	N/A	N/A	N/A	Concave	N/A	N/A	N/A
(b)	END	.375"	1/16"	N/A	N/A	N/A	N/A	12"	N/A	N/A	N/A	N/A	N/A	N/A

If removable, bolts used (describe other fastening) 16-1 1/8" OD X 8 1/2" LONG SA-193 B7 STUDS C/W SA-194 2H NUTS FOR CHAN. BLTG.
(Mat'l Spec. No., Grade, size, No.) Platcom 01-02E01