

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

**(A) 535 758**

1. Manufactured and certified by Orban Industries Ltd. 5550-55th Street S.E. Calgary, Alberta T2C 3G9  
(Name and Address of Manufacturer)

2. Manufactured for BURLINGTON RESOURCES LTD. 2100, 250- 6 AVE.S.W. CALGARY, AB T2P 3H7  
(Name and address of purchaser)

3. Location of installation a-98-L / 94-H-10  
(Name and address)

4. Type HORIZONTAL FLARE KNOCK-OUT DRUM 05-328-KO  
(Horiz. or vert., or sphere) (Tank, separator, jkt. Vessel, heat exh., etc.) (Mfg's serial No.)

T5422.21 05-328-B REV.0 N/A 2006  
(CRN) (Drawing No.) (Nat'l Bd. No.) (Year built)

5. ASME Code, Section VIII, Division 1 : Ed. 2004 Add. 2005 2523  
(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 multichamber vessels.

6. Shell (a) No. of course(s): 1 (b) Overall length (ft & in.): 8'-0"

Course(s)			Material	Thickness		Long.Joint (Cat.A)			Circum.Joint(Cat.A,B, & C)			Heat Treatment	
No.	Diameter,in	Length(ft & in.)	Spec./Gr or Type	Nom.	Corr.	Type	Full,Spot,Non	Eff.	Type	Full,Spot,Non	Eff.	Temp.	Time
1	48"OD	8'-0"	SA-516-70N	0.375"	0.0625"	1	FULL	100%	1	SPOT	85%	N/A	N/A

7. Heads: (a) SA-516-70N (b) SA-516-70N  
(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	0.3125"	0.0625"			2:1					YES	N/A	N/A	N/A
(b) END	0.3125"	0.0625"			2:1					YES	N/A	N/A	N/A

If removable, bolts used (describe other fastenings) NA  
(Mat'l, Spec. No., Gr., Size, No.)

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

9. MAWP 50 N/A psi at max. temp. 150 N/A °F Min. design metal temp. -20 °F at 50 psi.  
Internal External Internal External

10. Impact test EXEMPT AS PER UG-20(f) 1-5 & UCS-66(c) & (e) at test temperature of N/A °F  
(Indicate yes or no and the component(s) impact tested)

11. Hydro., pneu., or comb. Test press. 65 PSIG Proof test  

Items 12 and 13 to be completed for tube sections.

12. Tubesheet: N/A N/A N/A N/A N/A  
(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: N/A N/A N/A N/A N/A  
(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) INTERNAL COIL (b) Overall length (ft & in.): 19'-0"

Course(s)			Material	Thickness		Long. Joint (Cat.A)			Circum. Joint (Cat. A, B, & C)			Heat Treatment	
No.	Diameter, in.	Length (ft & in.)	Spec./Gr. Or Type	Nom.	Corr.	Type	Full,Spot, None	Eff.	Type	Full,Spot, None	Eff.	Temp.	Time
1	2"	19'-0"	SA-106-B/ SA-105N/ SA-234-WPB	0.218"	0.0625"	N/A	N/A	N/A	N/A	SPOT	85%	N/A	N/A

15. 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)													
(b)													

If removable, bolts used ( describe other fastening )