



A2991065\_Name Plate\_26March2008



VESSEL INSPECTION SUMMARY

Report #: 125209-BV-5  
 Inspect Date: 03/25/2008  
 Page: 1 of 2  
 IRISNDT #: 125209

Client: CNRL District: Medicine Hat West Field: Chin Coulee  
 Facility: 03-19-008-16W4M Unit: LSD: 03-19-008-16W4M  
 Jurisdiction #: A2991065 Equip Tag #: V 100 Serial #: WF 94 354  
 CRN #: M 07882 Nat'l Bd #: Year Built: 1994  
 Manufacturer: West Fab Equipment Description: Separator  
 Status: Out Of Service Date Removed From Service: Service: Sour  
 MAWP Shell 285 Psi @ 100 °F Height/Length: in / mm Code Stamp:  Y  N  
 MAWP Tube psi/kPa @ Pick Size/Diameter: 48 in. O.D. Insulated:  Y  N  
 Support Type: Saddle RT: 3 Volume: ft³ / m³ PWHT:  Y  N  
 C.A. Coated  Y  N Clad:  Y  N Manway:  Y  N

Component	Material	Nominal	Minimum
Head	SA516-70N	.490"	

Component	Material	Nominal	Minimum
Shell	SA516-70N	.500"	

**PSV Static Data**

PSV -1 Tag #: Serial #: OL-40888-A14 CRN: OG 2369.5C  
 Model #: Capacity: 10% SCFM Set Pressure: 265 psi/kPa  
 Manufacturer: Telidine Fluid Systems Service Company: Remtronic  
 Shell/Tube Side: Shell / Tube Service Date: 03/99  
 Size In: 1" Size Out: 2" Connection Type: Flanged  
 Carseal Intact: Yes Number of PSV's Location: Top of vessel

PSV - 2 Tag #: Serial #: CRN:  
 Model #: Capacity: SCFM Set Pressure: psi/kPa  
 Manufacturer: Service Company:  
 Shell/Tube Shell / Tube Service Date:  
 Size In: Size Out: Connection Type:  
 Carseal Intact: Yes / No Number of PSV's Location:

**External Inspection Results - VE**

Last Report #:					Last Report Date:					Summary Report #:				
Item	Y	N	N/A	Acc	Comment	Item	Y	N	N/A	Acc	Comment			
Foundation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Paint	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Grounding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Cathodic Protection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Insulation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Fireproofing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Piping	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Ladders/Platforms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Supports	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Berms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Anchor Bolting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Davit Arm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
TMLs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Pressure Gauge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Temp. Gauge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				

**Internal Inspection Results - VI**

Item	Y	N	N/A	Acc	Comment	Item	Y	N	N/A	Acc	Comment
Shell	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Demister	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Heads	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Vane Pack	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Manway	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Baffles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Gasket Surfaces	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Trays	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Welds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Filter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Refractory	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Internal Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Heating Coils	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Tube-sheet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Refractory	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Tube Bundle	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Edmonton (780) 437-4747	Fort McMurray (780) 743-1536	Cold Lake (780) 594-1114	Mailing Address
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Page: 2 of 2
IRISNDT #: 125209

Client: CNRL LSD: 03-19-008-16W4M Jurisdiction #: A2991065

Attached to Vessel Inspection Report #

Additional Attachments # of pages Specify

NDE Performed UT MT PT ET RT OTHER

NDE Report #

NCR Raised Operational Action Item Raised Repair Action Item Raised Deferred Action Item Raised

Inspection Comments:

Visual external and UT Corrosion survey was carried out on Separator A2991065 to check integrity for service and to identify any areas of concern.

Results:

No flange leaks or gasket leaks were found at the time of inspection. PSV was intact and free from restrictions but will need to be serviced if vessel returned into service. Overall general condition of external inspection revealed no areas of concern.

See attached UTM file, pictures and drawing for locations and thicknesses recorded.

Separator A2991065 is fit for continued service.

Recommendations:

Carry out UT Corrosion survey and external inspection at the next required inspection frequency. If put back into service have the PSV sent out for service.

Unit # 393 Kilometers:

In Out Hrs

In Out Hrs

Personnel: Blair Verge

Consumables:

Inspector:

Blair Verge (Print) PESL: 000174

(Signature) API: 24212

I am in full agreement with report contents:

Client Representative

Table with 7 columns: Location, Phone 1, Phone 2, Phone 3, Phone 4, Phone 5, Mailing Address. Includes locations like Edmonton, Calgary, Nisku, Barrhead, Fort McMurray, Grande Prairie, High Level, Lloydminster, Cold Lake, Red Deer, Tulsa, OK, Houston, TX.



A2991065\_Side View\_26March2008