



A2628497_ Mfg.NamePlate_ MAY 22.2009 (2)



VESSEL INSPECTION SUMMARY

Report #: **137845-SM-4**
Inspect Date: 05/20/2009
Page: 1 of 2
IRISNDT #: 137845

Client: CNRL District: Medicine Hat West Field: Claresholm
Facility: 15-36-012-27W4M Unit: Plant LSD: 15-36-012-27W4M
Jurisdiction #: A2628497 Equip Tag #: _____ Serial #: 29614A
CRN #: F398.2 Nat'l Bd #: _____ Year Built: 1990
Manufacturer: Western Rock Bit Co. Equipment Description: NGL Bullet
Status: In Service Date Removed From Service: _____ Service: Sweet
MAWP Shell 250 Psi @ 115 °F Height/Length: 540 in. Code Stamp: ☒ Y ☐ N
MAWP Tube _____ Select @ _____ Pick Size/Diameter: 108 in. I.D. Insulated: ☐ Y ☒ N
Support Type: Saddle RT: 2 Volume: _____ ft³ / m³ PWHT: ☐ Y ☒ N
C.A. 0.0625" Coated ☐ Y ☐ N Clad: ☐ Y ☐ N Manway: ☒ Y ☐ N

Component	Material	Nominal	Minimum
Head	SA516-70	0.836"	
Shell	SA516-70	0.8415"	

Component	Material	Nominal	Minimum

PSV Static Data

PSV -1 Tag #: _____ Serial #: 27018 CRN: _____
Model #: _____ Capacity: SCFM Set Pressure: 250 Psi
Manufacturer: _____ Service Company: _____
Shell/Tube Side: Shell / Tube Service Date: _____
Size In: _____ Size Out: _____ Connection Type: _____
Carseal Intact: Yes Number of PSV's _____ Location: _____

PSV - 2 Tag #: _____ Serial #: _____ CRN: _____
Model #: _____ Capacity: SCFM Set Pressure: _____ Select
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
Foundation	☒	☐	☐	☒	
Grounding	☒	☐	☐	☒	
Insulation	☐	☐	☒	☐	
Piping	☒	☐	☐	☒	
Supports	☒	☐	☐	☒	
Anchor Bolting	☒	☐	☐	☒	
TMLs	☒	☐	☐	☒	
	☐	☐	☐	☐	

Item	Y	N	N/A	Acc	Comment
Paint	☒	☐	☐	☒	
Cathodic Protection	☐	☐	☒	☐	
Fireproofing	☐	☐	☒	☐	
Ladders/Platforms	☐	☐	☒	☐	
Berms	☐	☐	☒	☐	
Davit Arm	☐	☐	☒	☐	
Pressure Gauge	☒	☐	☐	☒	
Temp. Gauge	☒	☐	☐	☒	

Internal Inspection Results - VI ☐

Item	Y	N	N/A	Acc	Comment
Shell	☐	☐	☐	☐	
Heads	☐	☐	☐	☐	
Manway	☐	☐	☐	☐	
Gasket Surfaces	☐	☐	☐	☐	
Welds	☐	☐	☐	☐	
Refractory	☐	☐	☐	☐	
Heating Coils	☐	☐	☐	☐	
Refractory	☐	☐	☐	☐	

Item	Y	N	N/A	Acc	Comment
Demister	☐	☐	☐	☐	
Vane Pack	☐	☐	☐	☐	
Baffles	☐	☐	☐	☐	
Trays	☐	☐	☐	☐	
Filter	☐	☐	☐	☐	
Internal Coating	☐	☐	☐	☐	
Tubesheet	☐	☐	☐	☐	
Tube Bundle	☐	☐	☐	☐	

Edmonton (780) 437-4747
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Lloydminster (780) 875-6455

Cold Lake (780) 594-1114
Red Deer (403) 347-1742
Tulsa, OK (918) 446-8773
Houston, TX (281) 476-4444

Mailing Address
5311 - 86 Street
Edmonton, Alberta
T6E 5T8



VESSEL INSPECTION SUMMARY

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IRISNDT #: 137845

Client: CNRL LSD: 15-36-012-27W4M Jurisdiction #: A2628497

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:

External Inspection:

An external visual inspection was performed on vessel and the findings are as follows:

Nameplate is intact and legible.

Support saddles are in good condition. Foundation under the saddled is good.

Paint is in good condition.

No process leaks or vibration noted at the time of the inspection.

Ultrasonic Thickness Survey:

External UT was performed with no significant wall losses noted.

Refer to the attached photos, drawing and UT data for inspection findings.

The vessel appears to be in good operating condition for continued service based on the external visual observations and UT thicknesses recorded.

Recommendations:

Continue to inspect the vessel and monitor internal corrosion at regular scheduled intervals.

Unit # _____ Kilometers: _____

In _____ Out _____ Hrs _____

In _____ Out _____ Hrs _____

Personnel: _____

Consumables:

Inspector:

Saeed Majdnia _____ PESL: _____
(Print)

(Signature)

I am in full agreement with report contents:

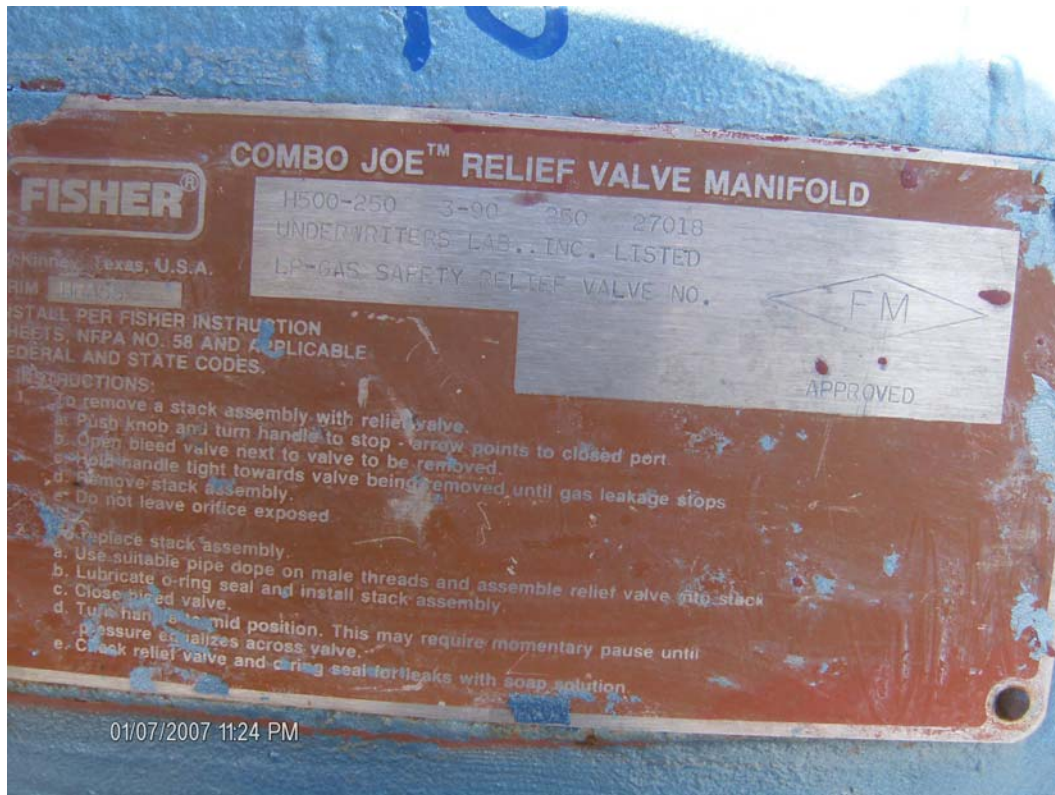
Client Representative _____

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A2628497_PSV Name Plate_May22.2009



A2628497_Pressure Gauge_ MAY 22.2009 (4)



A2628497_ Sight Glasses_ MAY 22.2009 (5)



A2628497_NGL Bullet _ MAY 22.2009