

PRESSURE VESSEL RECORD

MAXITRAK V3 Rpt: PV-S-003

Report Date : 12/19/2022

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Canadian Natural Resources Limited

District : **ST ALBERT - NORTH CENTRAL**

Field : **MARTEN HILLS 1098**

Facility : **05-26-073-03W5**

LSD: **05-26-073-03W5**

PV LSD:

Jur #	Equip #	Serial #	CRN #	Alt Jur #	Province	Description
A0549478		10128	P7217.2		AB	3RD PHASE VERTICAL SEPARATOR

Unit Name: 12228

Service	Radio/Hydro/Eff.	Access
Process Fluid:	Radiography: RT2	Manway: N
Sweet/Sour: SWEET	Hydro:	Hand hole:
Environ Shell:	Joint Eff:	Internal access:
Environ Tube:	PWHT:	

Summary

Status: OUT OF SERVICE

Last Reg Insp	Insp Int Mths	Next Insp
11/22/2022	60	2027

Retirement Year

UT

Last Insp Methods UT,VE

No. of Linked Doc's 1

No. of DWGs 0

No. of Memo's 0

PSV Pressure Check Shell

Last Periodic Insp	Periodic Int Mths	Next Periodic
		<input checked="" type="checkbox"/>

Vessel Design

Equipment Type: SEPARATOR	
Year Built: 2006	Capacity: 1.65 bbls
Drawing #: V01-381	
Diameter: in	Length: in
ASME: ASME SEC VIII DIV 1 20C	Heating Surface: m2
Model:	
Dimension Comments:	
Manufacturer: RJV GASFIELD SERVICE LTD.	

Registration	Acct. Code:
Subject to fee:	Jur. category:
Registered:	Shutdown req:
Fee:	Priority:
Commission date:	De-commission date:
Vessel Owner: CANADIAN NATURAL RESOURCES LTD.	

Vessel Shell Side	Vessel Tube Side
MAWP: 1480 psi	MAWP:
MAWT: 100 F	MAWT:
MDMT: -20 F	MDMT:

Change Inspection Interval to

Change PSV Service Interval to

Report Reviewed and Accepted By: _____

Print Name _____

PESL # _____ API # _____

<u>PSV's Shell Side</u>		<u>PSV's Tube Side</u>	
Tag #	Serial #	Set Pressure	Set Temp.
	25777-567	1440 psi	F

PSV Last Service Date:

COMPONENTS

ACCESS REQUIREMENTS

VESSEL COMMENTS

VESSEL OFFLINE

VESSEL ONLINE

VESSEL LAST REGULATORY SUMMARY

Date	Methods	Primary Inspector	Secondary Inspector	Report #
11/22/2022	UT,VE	DARRIN ROBAK		
Company: AVALANCHE INTEGRITY				

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External Inspection Items

G = Good, F = Fair, P = Poor, N/A = Not Applicable

	G	F	P	N/A	Comments
Insulation - Verify sealed around manways, nozzles, no damage present, and there is no egress of moisture. Are straps secure?					
External Condition - Assess paint condition, areas peeling, record any corrosion, damage, distortion etc (record location, size and depth of corrosion or damage)					
Leakage - Record any leakage at flanges, threaded joints, weep holes on reads, etc.					
Skirt/Saddle - Assess condition of paint, fire protection, concrete. Look for corrosion, buckling, dents, etc. Look at vessel surface area near supports. Verify no signs of leakage at attachment to vessel and attachment welds are acceptable. Is ground wire attached?					
Anchor Bolts - Hammer tap to ensure secure. Look for corrosion, cracking in threads or signs of deformation.					
Concrete Foundation - Check for cracks, spalling , etc.					
Ladder/Platform - Describe general condition, ensure support is secure to vessel, describe any hazards.					
Nozzle - Assess paint, look for leakage, and ensure stud threads are fully engaged. Record any damage, deflection, etc. Are nozzles gusseted? Inspect gussets for cracking.					
Gauges - Ensure gauges are visible, working, no leakage, and suitable for range of MAWP/Temp.					
External Piping - Ensure pipe is well supported. All clamps, supports, shoes, etc. in place. Look for evidence of structural overload, deflection, etc. Paint condition, external corrosion?					
Valving - Ensure no leaks are visible. Valves are properly supported and chained if necessary.					
PSV - Ensure PSV is set at pressure at or below that of vessel. Discharge piping is same size as valve outlet and is properly supported and routed. Are PSV seals in place? Ensure no block valves between PSV and vessel, or if there are that they are locked/sealed open.					
NDE Methods - Was UT/ MPI done on vessel					

Other Observations:

Inspected By : _____ Date : _____
 Print Name : _____ PESL # _____ API # _____