Canadian Natural Resources Limited GENERAL PRESSURE VESSEL INFORMATION Job # 05.001541													
District: Ft. St. Jo	hn B.C.	Skid No.											
	d Compressor Statio	n	Location (LSD): a-17-J / 94-B-9										
· ·	ment Number: Glycol		Location (LDD)	. u-17-97) 1-D-)								
Orientation: Vertical													
					1.4 T	4.							
Status: In Service Regulatory Inspection PRESSURE VESSEL NAMEPLATE DATA													
"A" or "C" o	r "S" (Sask.) or BC R		CRN Number:										
A of G o	A 491800	L 9722.21											
Vessel serial number				Size: 24 in x 26 ft									
	5.4 mm		Shell material: SA 516 70N										
	7.0 mm	Head material: SA 516 70N											
Tube wall thickness: Tube diameter:	:	Tube material:											
Channel thickness:		Tube length: Channel material:											
Chamier unekness.	Shell: 1410 PSI												
Design pressure		Operating pressure		Shell:									
	Tubes:				Tubes:								
	Shell: 150 deg F				Shell:								
Design Temp.	Tubes:			Operating temperature		Silen.							
		Tubes:											
X-ray: RT-		Heat treatment: HT											
Code parameters: Manufacturer: Ops	ASME VIII Div 1	Coated: No											
Corrosion allowance	Year built: 2003 Manway: No												
Corrosion anowance		RESSURE SAFETY	VALV		E DATA								
DOLL TO 11	N 6 .	26.11"		C 1 #			G :	G . D .					
PSV Tag #	Manufacture	Model #		Serial #	Set Pressure		Capacity	Set Date					
							(scfm)						
8946F	Farris	27FA45 – M20	4	51002-2-KE	9722 Kpa		8819 Scfm	06/05					
CRN#	Service By	Block Valve		Location	Size		Code Stamp						
Not Stated	Unified	No	I	Lower Shell	1.5 x 2		UV						
	CEDY	VICE CONDITIONS	TAIDI	CATE ALL TIL	AT ADDI	X 7							
		VICE CONDITIONS		CATE ALL THA	AT APPL	Gas X	·	Water V					
Sweet	Sour X Oil						`	Water X					
Amine	LPG Con			ndensate		Air Glyc		Glycol X					
Other (Describe):													
Inspection IntervalPSV Service Interval													
(Determined by MIC in	conjunction with Chief Insp	pector following guidelines	of CNR	RL's Owner-User Inspe	ection Progra	ım)							
Reports reviewed and ac	cented by												
Mechanical Integrity CoordinatorDate													

Insulation Verify sealed around manways, nozzless, no damage present, and there is no egress of moisture. External Condition Assess paint condition, areas peeling, record any corrosion, damage, etc (record location, size and depth of corrosion or damage) Leakage Record any leakage at flanges, threaded joints, weep holes on repads, etc. Skirt: 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. Ground wire attached? Anchor Bolts Hammer tap to ensure secure. Look for cracks, spalling, etc. Ladder / Platform Describe general condition, ensure support is secure to vessel, describe any hazards. Nozale Assess spaint, look for leakage, and ensure stud threads are fully engaged. Record any damage, deflection, etc. Are nozzles gusseted? Gauges Ensure gauges are visible, working, no leakage, and suitable for range of MAWP/ Temp. External Plping Ensure pipe is well supported. All clamps, supports, shoes, etc. in place. Look for evidence of structural overload, deflection, etc. Part condition, ensure no leaks are visible, valves are properly supported and chained if necessary. PSY Ensure PSV is set at pressure at or below that of vessel. MDE methods Was UT/MPI done on vessel (MI coordinator to review results) X	External Inspection Items	G	F	P	N/A	Comments
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						sufficient metal exists for safe operation.

Recommendations or corrective actions: Vessel is Fit for Service or describe corrective actions required)

(MIC to review corrective actions with Operations, discuss with Chief Inspector where necessary, and get remedial action implemented)

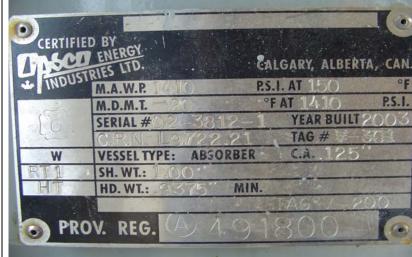
Recommendations: No recommendations at this time.

Summary: This vessel is in good overall condition, ultrasonic thickness inspection carried out – bottom head and 4 inch 90 deg elbow metal thickness found below nominal minus corrosion allowance. Calculations performed to ensure sufficient metal exits for safe operation.

Vessel is fit for service.

Inspected By: Dellas Wiedman Date: March 21 – 2008





Overview Data Plate