

1060-04

Canadian Natural Resources Limited  
Production - Facilities Engineering  
A0465682 Separator External Inspection Report

Content Date Range: 6/24/2003 to 6/24/2003

Vessel Integrity

Inspection Data

Open: 4/19/2007 Close:

Vital: Yes  
Original: Yes  
Confidential: No

CC+2 0P P



00784572

A0465682 - SEPARATOR INSPECTION - JUN 2003

Vessel Location (LSD):	100/15-28-75-07 W6M.	Disc #:		Photo #:	
Facility Name:	SADDLE HILLS.	Inspector:	J. OLIVER.		
Vessel Description:	3 PHASE SEPARATOR	Date:	JUNE 24/03		
Prov. Reg. Number:	17465682	CRN:	A4427.32	Page:	1 of 2.

**GENERAL INFORMATION**

Manufacturer:		Serial Number:	2001 6618 04F		
RT:		HT:	YES <input type="checkbox"/> NO <input type="checkbox"/>	Internally Coated:	YES <input type="checkbox"/> NO <input type="checkbox"/> NOT KNOWN <input type="checkbox"/>
Insulated:	YES <input type="checkbox"/> NO <input type="checkbox"/> PARTIAL <input type="checkbox"/>				
Sh. Side MAWP:		Psi / Kpa @	F / C	Tube Side MAWP:	
					Psi / Kpa @ F / C
Sh. Side Op. Pr:		Psi / Kpa @	F / C	Tube Side Op. Pr:	
					Psi / Kpa @ F / C
Hd. Tk:		Mat'l:		C.A.:	
Hd. Tk:		Mat'l:		C.A.:	
Sh. Tk:		Mat'l:		C.A.:	
Sh. Tk:		Mat'l:		C.A.:	
VESEL SIZE: (ID / OD X L):		Strapped:	YES <input type="checkbox"/> NO <input type="checkbox"/>	Manway:	YES <input type="checkbox"/> NO <input type="checkbox"/> SIZE :

SERVICE CONDITIONS (CHECK ALL THAT APPLY)	OPERATING <input checked="" type="checkbox"/>	SHUT IN <input type="checkbox"/>	SURPLUS <input type="checkbox"/>	JUNK <input type="checkbox"/>
PROCESS	Air <input type="checkbox"/>	Lean Amine <input type="checkbox"/>	Rich Amine <input type="checkbox"/>	Sweet Glycol <input type="checkbox"/>
	Sweet Gas <input type="checkbox"/>	Sweet Condensate <input type="checkbox"/>	Sweet Oil <input type="checkbox"/>	
LPG <input type="checkbox"/>	Sour Glycol <input type="checkbox"/>	Sour Gas <input checked="" type="checkbox"/>	Sour Condensate <input type="checkbox"/>	Sour Oil <input type="checkbox"/>
	Carbon Dioxide <input type="checkbox"/>	Nitrogen <input type="checkbox"/>	Steam <input type="checkbox"/>	

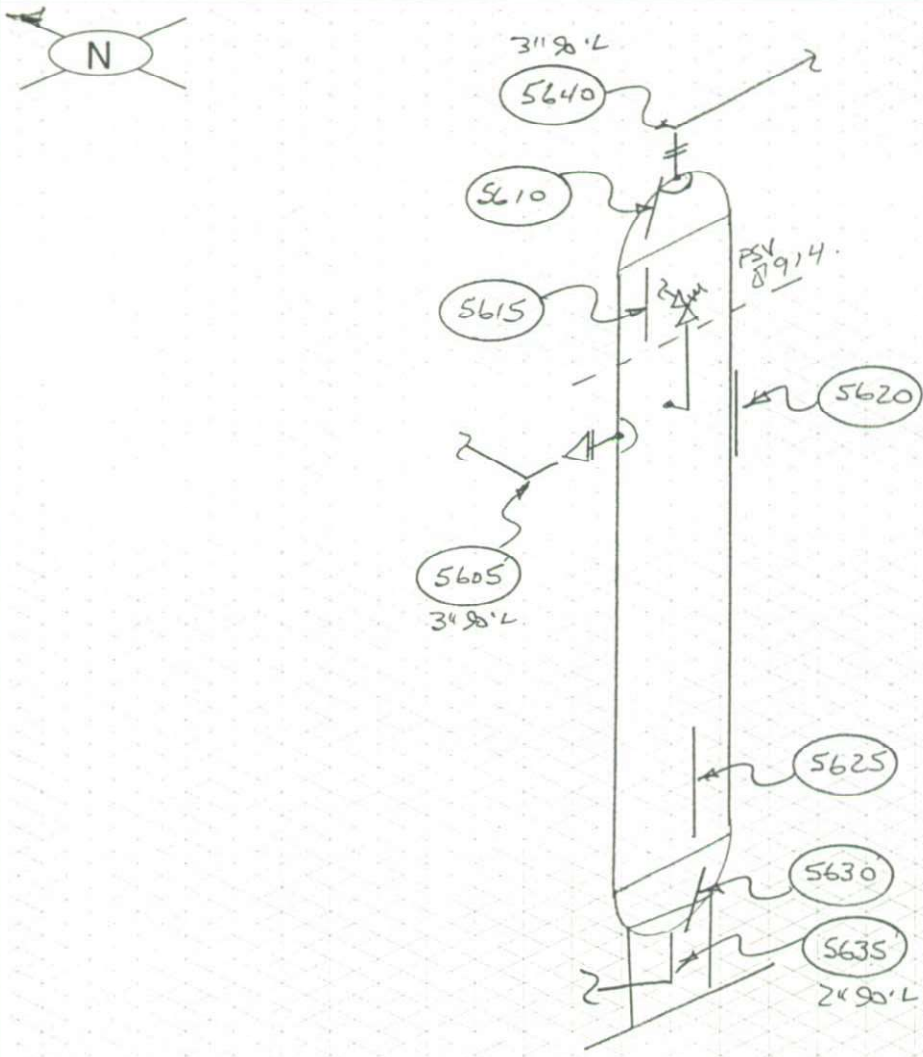
**VESSEL EXTERNAL CONDITION**

Any Recent Repairs? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Any Physical Damage? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Any External Corrosion? (other than minor surface rust) Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Any leaks on the vessel, nozzles or piping? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Any recent ultrasonic thickness tests? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> <u>JUNE 23/03</u>	
No. of times the site is visited & approx. amount of time spent at the site / visit:	Concentration H <sub>2</sub> S:
Vessel Comments:	

**PSV DATA**

ANADARKO TAG #:	PSV 8914.	SERVICE COMPANY:	
Manufacture:		Size:	
Model #:		CRN #:	
Serial #:		Capacity:	
Set Date:		Set Pressure:	
Are there any Isolating valves on either the inlet or outlet of the PSV? Yes <input type="checkbox"/> No <input type="checkbox"/>			
Comments:			

P&ID. # \_\_\_\_\_  
REF. # \_\_\_\_\_



### VESSEL DATA

Prov. Reg. No. A465682 C.R.N. A4427.32 P.E. No. \_\_\_\_\_ Serial No. 2001661804F  
MFR. ALCO Code/Div. \_\_\_\_\_ Para \_\_\_\_\_ Code Stamp U  
Yr. Bld. 01 Yr. Inst. \_\_\_\_\_ Size 24" X 8' Vol. \_\_\_\_\_ Service \_\_\_\_\_ PWHT YES

### Nominal Thickness & Material

Head: 1.0"/25.4 Mat'l: SA516-70N C.A.: .125"  
Head: \_\_\_\_\_ C.A.: 32  
Shell: 1.0"/25.4 SA516-70N C.A.: .125"  
Shell: \_\_\_\_\_  
Chan Hd: \_\_\_\_\_ C.A.: \_\_\_\_\_  
Chan Sh: \_\_\_\_\_  
Gas Boot Hd: \_\_\_\_\_ C.A.: \_\_\_\_\_  
Gas Boot Sh.: \_\_\_\_\_  
Liq. Boot Hd.: \_\_\_\_\_ C.A.: \_\_\_\_\_  
Liq. Boot Sh.: \_\_\_\_\_

Insulated NO R.T. 1  
Repairs \_\_\_\_\_  
COMMENTS \_\_\_\_\_

ANADARKO CANADA CORPORATION  
SADDLE HILLS GAS GATHERING  
SADDLE HILLS  
LSD: 100/15-28.75-07W6M  
  
3 PHASE SEPARATOR.

MAWP Shell Side 1440 PSI @ Temp. -20'/128' F  
MAWP Tube Side \_\_\_\_\_ @ Temp. \_\_\_\_\_

TECH.:	REV. DATE:	DWG DATE:
CAD:	REVISION:	DRAWING: <u>56</u>