



405032



RAE Inspection Service (1979) Ltd.

1117, 1808, 187th Street, Edmonton, Alberta, T6E 5W9
Telephone: (780) 469-2401 • Fax: (780) 468-2422

NCR# 8397

NON CONFORMANCE REPORT

Client: ENRC Date: April 23/03

Provincial Registration #: (A) 405032 RAE Job #: 03-1082

Location: RICHDALE LSD: 2-31-30-12 W4

Equipment: PLASTIC TUBING ON FG LINE

Description of Non Conformance:

THE FOUR GAS LINES SUPPLYING THE CONTROL VALVE HAS BEEN REPAIRED WITH PLASTIC TUBING.

Recommended Action: FIR # 30900

- REPAIR TUBING WITH CS OR SS TUBING
- AT SAME TIME TUBING TO THE TESTER PUMP SHOULD BE RATED AND SUPPORTED BETTER

NCR to be Resolved Before: MAY 03

Signature Inspector: [Signature] Date: April 23/03

Corrective Action Taken:

Signature Client: _____ Date: _____

Signature Inspector: _____ Date: _____

Reviewed by Chief Inspector: _____ Date: _____

Field Inspection Report

Vessel # 405032

Client	Canadian Natural Resources Ltd.		Inspection Date	2003/04/23	
Prov. Reg.#	405032		Insp. Type	VE/JT	
Equipment	Separator		Location	Richdale	
Tag/Equip. #			LSD	2-31-30-12W4	
Vessel Status	In Service		Comp./Unit		
Manufacturer	Mar-Quinn Ind	Serial #	1159096	MAWP/Temp	1440 psi 100 F
CRN #	H5173.2	Shell Material	SA-106-B	Shell Thick.	0.842 in
Corrosion All.	in	Head Material	SA-516-70	Head Thick.	0.815 in
Manway	No	Head Material 2		Head Thick. 2	in
Coating	No	Channel Material		Channel Thick.	in
Diameter	16 in	Length	in	Height	114 in
Year Built	1996	Next Inspection	2006	RT	2
Service	Sweet			Next Insp. Type	NA
				Job #	03-102

PSV #.	PSV405032				
Mfg.	Wellmark	Serial #		Set Pressure	1440 psi
Type/Model	W7101RS200	Capacity		Size	1.000 in
Date of Service		Next Service	2003	SCFM	
				Service Co.	

Observations:

Note: See NCR #8397 - Plastic tubing and FUR #0510 - PSV overdue for service.

External

Building is not well maintained. Old tubing connections are lying on the floor and replacement tubing is installed poorly. Vessel is supported by a 16" skirt that is bolted to the floor. PSV located on the shell. PSV vents to atmosphere. Data plate is painted. Piping is well supported and in good condition, tubing is poorly supported. Gauges are in good condition. Paint and external are in good condition. No ground located. Openings are threaded.

Internal

None at this time

AB-40 to be attached

Field Inspection Report

Vessel # 405032

UT

Measurements in inches

Top Head - 0.853 to 0.887

Shell - 0.861 to 0.887

Bottom Head - 0.875 to 0.936

2" diameter 600#, XS (Nominal = 0.218")

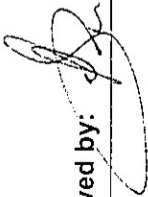
Inlet - 0.228 to 0.225

Outlet - 0.224 to 0.235

Recommendations:

1. See NCR #8397 - Plastic tubing.
2. See FUR #0510 - PSV servicing.
3. No further recommendations at this time.

Inspector: Sean Zitaruk

Reviewed by: 

AB-40 to be attached

Certificate of Inspection

SCEPTRE RESOURCES LIMITED
N E/W ALBERTA
BOX 7018, 5207 INDUSTR.RD
DRAYTON VALLEY, ALBERTA
T0E 0M0

LOCATION: STOCK
COMPANY CODE:
DESCRIPTION: VERTICAL THREE PHASE SEPARATOR

RECEIVED NOV - 8 1996

PREFERRED RE-INSP. INTERVAL: 2.00 Yrs
CRN: H5173.2

MANUFACTURER: MAR-QUINN INDUSTRIES LTD.

SERIAL #: 115-90-96

YEAR BUILT: 1996
VOLUME: 0.37 M3

HEATING SURFACE:

SURFACE AREA:

PART	MAX. AUTHORIZED WORKING PRESSURE	MAX. TEMP	MIN. TEMP	VALVE ID	SETTING	SAFETY VALVES	CAPACITY	LOCATION
SEP	9,929 KPA	38 C	-29 C	SV1				TO BE INSTALLED

OWNER INSTRUCTIONS/REMARKS:

CONTACT THE AREA SAFETY CODES OFFICER BEFORE PLACING THE VESSEL IN SERVICE.

TO BE INSTALLED IN ACCORDANCE WITH THE SAFETY CODES ACT AND REGULATIONS.

VERIFY THAT VESSEL IS PROTECTED BY A 'UV' SAFETY RELIEF VALVE, OF ADEQUATE CAPACITY, SET AT NO MORE THAN MAXIMUM PRESSURE AUTHORIZED, HAS BEEN INSTALLED IN ACCORDANCE WITH THE REGULATIONS.

SAFETY CODES OFFICER: DATTI, SOBHAN

SIGNATURE:



NOTE: REQUIREMENTS OF THE SAFETY CODES ACT AND THE REGULATIONS ISSUED THEREUNDER:

THE OWNER OR PERSON IN CHARGE SHALL REPORT ALL ACCIDENTS INVOLVING A BOILER, PRESSURE VESSEL OR PRESSURE PIPING SYSTEM TO THE DISTRICT SAFETY CODES OFFICER IMMEDIATELY AND SHALL SEND A FULL REPORT IN WRITING TO THE ADMINISTRATOR/CHIEF INSPECTOR AS REQUIRED BY THE ACT. NO REPAIRS OR ALTERATIONS MAY BE MADE UNLESS AUTHORIZED BY A SAFETY CODES OFFICER.

