



416516

Field Inspection Report
 Vessel # 416516

Client	Canadian Natural Resources Ltd.		Inspection Date	June 19, 2001	
Prov. Reg.#	416516		Location	Elk Point	
Equipment	Glycol Contactor		LSD	5-34-57-7W4M	
Tag/Equip. #			Comp./Unit #		
Vessel Status	In Operation		Job #	01-343	
Manufacturer	Alco	Serial #	97C578101	MAWP/Temp	1430 psi
CRN#	N7165.2	Shell Material	SA-516-70N	Shell Thickness	1.250 in
Corrosion All.	0.063 in	Head Material	SA-516-70N	Head Thickness	1.322 in
		Head Material 2		Head Thickness 2	in
		Channel Material		Channel Thickness	in
Diameter	30 in	Length	in	RT	2
Year Built	1997	Next Inspection	2005	Inspection Type	VE/UT
Service	Sweet	Manway	No	Coating	No
PSV #.	41228				
Mfg.	Mercer	Serial #	41228	Set Pressure	1430 psi
Type/Model	8128621127	Capacity		Size	1.500 in
Date of Service	2001/06/19	Next Service	2005	Service Co.	Power Comm

Field Inspection Report
Vessel # 416516

Observations:

NOTE: PSV is removed for service.

EXTERNAL

Vessel is painted gray and in good condition. Vessel is welded to skirt and bolted securely to skid floor with 4 bolts. Bottom head is painted and in good condition. Attached piping and gauges are in good condition. No ladder to top of tower.

INTERNAL

Vessel is coated with this black and cream colored films. Surface appears in good condition.

UT

Measurements in inches:

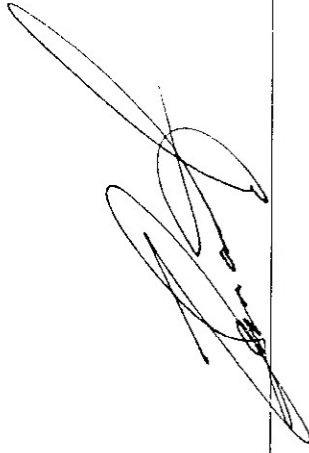
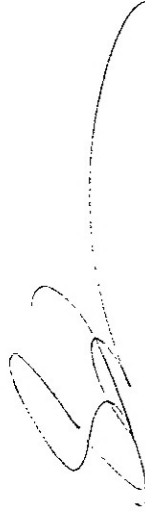
8' level Shell	1.250, 1.270, 1.280, 1.249
Bottom Shell	1.242, 1.256, 1.246, 1.248
Bottom Head	1.334, 1.314, 1.317, 1.316

Recommendations:

Vessel is in acceptable condition for continued service.

Inspector: Trevor Paananen

Reviewed by:



Certificate of Inspection

RANGER OIL LTD.
1600, 321 - 6 AVE SW

CALGARY, ALBERTA
T2P 3H3

LOCATION: LSD 5-34-57-7 W4M

COMPANY CODE:

PREFERRED RE-INSP. INTERVAL: 3.00 Yrs
CRN: N7165.2

DESCRIPTION: 3-PHASE GLYCOL CONTACTOR

MANUFACTURER: ALCO GAS & OIL PRODUCTION

SERIAL #: 97C-5781-01

YEAR BUILT: 1997
VOLUME: 3.40 M3

HEATING SURFACE:

SURFACE AREA:

PART	MAX. AUTHORIZED WORKING PRESSURE	MAX. TEMP	MIN. TEMP	VALVE ID	SETTING	SAFETY VALVES	CAPACITY LOCATION
------	----------------------------------	-----------	-----------	----------	---------	---------------	-------------------

CON	9,860 KPA	54 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: SIMPSON, NORMIN

SIGNATURE: *N Simpson*

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.