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February 12, 2008

U.S. NRC Region IV
Attn: Vivian Campbell
611 Ryan Plaza, Suite 400
Arlington, TX 76011-4005

Submitted via E-mail to: Vivian Campbell (VHC@nrc.gov)

RE: Final – Radioactive Material Abandonment Report for Weatherford International, Inc., NRC RAM License 42-26891-01 on LLOG Exploration Offshore, Inc. well OCS G27107 #1.

Mrs. Campbell,

Please find the following written report pursuant 10 CFR §39.77 for Weatherford International, NRC RAM License 42-26891-01 concerning the abandonment of two radioactive well logging sources in the above referenced well. This report is a follow-up to the January 28, 2008 telephone notification made to you regarding abandonment of downhole well logging sources in the Gulf of Mexico.

Date of Occurrence: January 27, 2008 (Initially stuck)

Description of Recovery Efforts:

Due to safety concerns stemming from elevated down-hole pressures on the drill string and casing, LLOG suspected a down-hole blow-out and the decision was made to abandon the tools and sources instead of attempting recovery.

Description of Abandonment (proposed): January 28, 2008

LWD logging tools stuck on bottom at 21737'. The 18 Ci Am-241/Be source is located at 21660' and the 2 Ci Cs-137 source is located at 21665'. The sources and LWD tool string will be cemented in place with a red dye cement plug from 21737' up to 21237'. The tool string was backed-off at 11478' leaving 10182' of drill pipe and drill collars above the sources to act as a deflection device. The rest of the well was plugged with cement at 19900' to 19600', 16800' to 16300', 10300' to 10000', 3300' to 3000' and 680' to 600'.

Description of Source Involved:

1. **Serial Number:** 08145B

Isotope: Am-241/Be

Description: Doubly-encapsulated sealed source meeting or exceeding the requirements of IAEA Special Form, NRC well logging source requirements specified in 10 CFR 39.41.

Activity: 18 Curies (666 Gigabecquerels)

Manufacturer and Model Number: AEAT QSA, Inc., Model AMN.CY20

Estimated Depth of Source: 21,660 ft Measured Depth

2. **Serial Number:** 06956B

Isotope: Cesium-137

Description: Doubly-encapsulated sealed source meeting or exceeding the requirements of IAEA Special Form, NRC well logging source requirements specified in 10 CFR 39.41.

Activity: 2 Curies (74 Gigabecquerels)

Manufacturer and Model Number: AEAT QSA, Inc., Model CDC.CY16

Estimated Depth of Source: 21,665 ft Measured Depth

500 Winscott Road
Fort Worth, TX 76126
Telephone: 817.249.7013
Facsimile: 817.409.1722

sean.perry@weatherford.com

PUBLIC - Non SENSITIVE



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Surface Location and Identification of Well:

Well Operator: LLOA Exploration Offshore, Inc.
Well Name: OCS G27107 #1
Well API Number: 17-709-4108701
Well Location: Gulf of Mexico (Eugene Island Blk 152)
Lat & Long: Lat 28 51 26.372N & Long 91 41 18.211W
Rig: Ensco 60

Depth of Deflection Device: 11,478'

Depth bottom and top of the red dyed Cement Plug: 21,737 ft – 21,237 ft

Depth of the Well: 21,737 ft

Information Contained on the permanent Identification Plaque:

See attached plaque layout.

Government Agencies Receiving Copy of Report:

Minerals Management Services
Gulf of Mexico Region
210 Energy Parkway, Suite 410
Lafayette, LA 70508
Attn: Cliff Delouche
Sent via e-mail to cliff.delouche@mms.gov

If you have any further questions related to this incident, please do not hesitate to contact me. My contact information appears in the footer below.

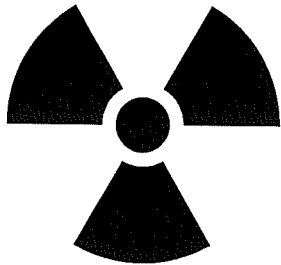
Regards,

Christopher "Sean" Perry
US Radiation Safety Officer
Weatherford International, Inc.

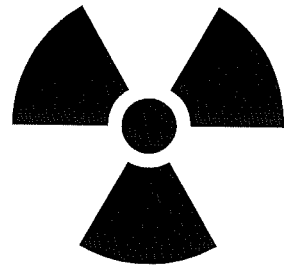


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**LLOG Exploration Offshore, Inc.
OCS G27107 #1
API # 17-709-4108701**



CAUTION



TWO RADIOACTIVE SOURCES

ONE 2Ci Cs-137 AND ONE 18Ci Am-241 (Be)

**ABANDONED January 28, 2008
AT 21,660' MD FROM RKB
DEFLECTION DEVICE AT 11,478'**

**DO NOT RE-ENTER ORIGINAL HOLE
BELOW 11,478' BEFORE CONTACTING**

**US NUCLEAR REGULATORY COMMISSION
&
US MINERALS MANAGEMENT SERVICE**

500 Winscott Road
Fort Worth, TX 76126
Telephone: 817.249.7013
Facsimile: 817.409.1722

sean.perry@weatherford.com

From: "Perry, Sean" <Sean.PERRY@weatherford.com>
To: "Vivian Campbell" <VHC@nrc.gov>
Date: 02/12/2008 8:18:55 AM
Subject: Weatherford International, Inc Final abandonment report for LLOG - OCS G27107 #1

Vivian,

Please find the attached final abandonment report for Weatherford International, Inc concerning LLOG Exploration's well OCS G27107 #1.

The Well Head Plaque has been ordered and will be delivered to LLOG for installation once it has been completed.

Thanks,

Christopher "Sean" Perry
US Radiation & Explosives Safety Officer
Weatherford International
500 Winscott Road
Fort Worth, TX 76126

Direct Line: +1 817.249.7013

Cell: +1 817.980.7106

Fax: +1 817.409.1722

E-mail: sean.perry@weatherford.com
<mailto:sean.perry@weatherford.com>

CC: <cliff.delouche@mms.gov>, "Swafford, Douglas"
<Douglas.Swafford@weatherford.com>

Mail Envelope Properties (47B1AAA7.34B : 11 : 17227)

Subject: Weatherford International, Inc Final abandonment report for LLOG -
OCS G27107 #1
Creation Date 02/12/2008 8:17:52 AM
From: "Perry, Sean" <Sean.PERRY@weatherford.com>
Created By: Sean.PERRY@weatherford.com

Recipients

nrc.gov
ARL_PO.ARL_DO
VHC (Vivian Campbell)

weatherford.com
Douglas.Swafford CC (Douglas Swafford)

mms.gov
cliff.delouche CC

Post Office

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Files	Size	Date & Time
MESSAGE	614	02/12/2008 8:17:52 AM
TEXT.htm	5896	
LLOG Exploration Offshore well OCS G27107 #1 Final Abandonment Report.pdf		37610
Mime.822	61309	

Options

Expiration Date: None
Priority: Standard
ReplyRequested: No
Return Notification: None

Concealed Subject: No
Security: Standard

Junk Mail Handling Evaluation Results

Message is eligible for Junk Mail handling
This message was not classified as Junk Mail

Junk Mail settings when this message was delivered

Junk Mail handling disabled by User

Junk List is not enabled

Junk Mail using personal address books is not enabled

Block List is not enabled