



May 28, 2010

U.S. Nuclear Regulatory Commission – Region IV
Division Director, Division of Nuclear Material Safety
612 East Lamar Blvd.
Suite 400
Arlington, Texas 76011-4125

Attention: Chuck Cain

CC:
Mineral Management Service
1201 Elmwood Park Blvd.
Mail Stop 5020
New Orleans, LA 70123
Attention: Tom Meyer

RECEIVED

JUN - 4 2010

DNMS

RE: NRC Radioactive Materials License Number 17-27623-01
Abandonment of Radioactive Sources

This notice is being furnished to describe the final abandonment of two (2) radioactive sources associated with LWD well-logging activities as described in the referenced license.

Date of Occurrence: 23 May 2010

Company Name: LLOG Exploration Offshore, Inc.
1001 Ochsners Blvd., Suite 200
Covington, LA 70433

Well Name: OCS-G-27195 #4 ST00 BP00
API # 17-725-40868-BP00

Well Location (surface): Lat. 29.34.8.2319N - Lon. 88.55.35.0476 W
2765122.06 X , 3361148.92 Y
Main Pass Block 20
Offshore Louisiana (Federal Waters)

Depth of Well: 9526' md
9526' tvd

Bottom of Fish: 9504' md
9504' tvd





Depth of 8.0 Curie Am241Be Source	9437' md 9437' tvd
Depth of 1.5 Curie Cs-137 Source:	9444' md 9444' tvd
Depth of Top Fish:	9338' md 9338' tvd
Depth of Top of Cement Plug:	9145' md 9145' tvd
Depth of Bottom Cement Plug:	Below 9338' md Below 9338' tvd
Description of Sources:	One - 1.5 Curie Cs-137, Doubly Encapsulated, Special Form, Well Logging Sealed Source Serial Number: 3007GW QSA Model CDC.CY6 One - 8.0 Curie Am241Be, Doubly Encapsulated, Special Form, Well Logging Sealed Source Serial Number: DNS010 Gammatron Model AN-HP

While drilling an 8 ½" hole to 9526' MD / 9526' TVD on May 17, 2010 the well started flowing and was shut-in. The MW was raised to 17.8 ppg while circulating through the choke. When the well was taken off the choke the pipe was stuck. While circulating, jarring attempts were made to free the drill string. PipeLax was then pumped into the formation and allowed to set and then jar on the drill string again. A free point log was run and the BHA was backed off at 9338' MD / 9338' TVD. Fishing jars were picked up, PipeLax pills and jarring continued until May 22, 2010 when the decision to abandon the current well and sidetrack it was made.

Mr. Chuck Cain (NRC – Region IV) was notified on May 21 at approximately at 2:00 PM of the possibility of abandoning the two radioactive sources over the week end. Mr. Cain was notified on May 22 that the sources would be abandoned with at least a 150 foot cement plug on top of the fish, the remaining BHA (99' on top of the sources) to be used as a non-drillable object and at least a 15 foot distance must be kept from the sources when the side track well is drilled. Mr. Tom Meyer with the MMS gave a verbal approval for the abandonment and sidetrack of the well. The sources were cemented in the well on May 23, 2010 at 11:00 PM



A sidetracked well is currently being drilled. The closest point of the sidetrack well to the radioactive sealed sources was 35 feet.

You will also find attached a sheet showing the information contained on the permanent identification plaque that will be supplied to LLOG Offshore Exploration, Inc and a well schematic.

If you need additional information or have any questions please contact me at the letterhead address.

Sincerely,

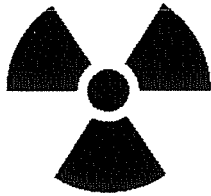
A handwritten signature in black ink, appearing to read "James Bolling".

James Bolling
Regional Radiation Safety Officer

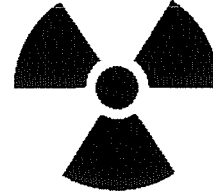
ENC: Facsimile of Abandonment Plaque
Well Schematic

CC: Carlos Contreras – North America LWD Operations Manager
A.J. Broussard – M/LWD Operations Manager
Andrew Neil – PathFinder Corporate RSO
Mike Kaberlein – LLOG Offshore Exploration, Inc.

COMPANY: LLOG OFFSHORE EXPLORATION INC.
Covington, LA
WELL: OCS-G 27915 #4 ST00 BPOO
API 17-707-40902-BP00
LOCATION: MAIN PASS BLOCK 20
OFFSHORE GOM



CAUTION



**ONE 1.5 CURIE Cs-137 AND ONE 8.0 CURIE Am241Be RADIOACTIVE
SEALED SOURCES ABANDONED ON
23 MAY, 2010 AT 9437 FT MD (9347 FT TVD)
PLUGBACK DEPTH 9145 FT MD (9145 FT TVD)**

**DO NOT RE-ENTER THIS WELL
BEFORE CONTACTING
US NUCLEAR REGULATORY COMMISSION OR
MINERALS MANAGEMENT SERVICE**

LLUG EXPLORATION OFFSHORE, INC.

OCS-G-27195 WELL #4 BP01

MAIN PASS BLOCK 20

5-24-10

MP 20 #4

5-24-10

WD- 38'
RKB-MSL- 100'
RKB-ML- 138'
RKB-BHF- '

