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July 24, 2007

U.S. Nuclear Regulatory Commission – Region IV
611 Ryan Plaza Drive
Suite 400
Arlington, Texas 76011-8064

RECEIVED
JUL 25 2007
DNMS

Attention: Anthony Gaines

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

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:	29 June 2007
Company Name:	Badger Oil Corporation 3861 Ambassador Caffery Parkway Suite 200 Lafayette, LA 70503
Well Name:	OCS-G-02735 42-711-408821
Well Location (surface):	Lat. 28.15.36.0273 N - Lon. 93.33.0.5924 W 3753941.000000 X -196021.000000 Y High Island A-309 #C4 Offshore Louisiana (Federal Waters)
Depth of Well:	5376' md 5234' tvd
Bottom of Fish:	4722' md 4671' tvd
Depth of 8 Curie Am-241Be Source	4616' md 4574'tvd
Depth of 1.7 Curie Cs-137 Source:	4623' md 4581' tvd

Depth of Top Fish: 4577' md
4539' tvd

Depth of Top of Cement Plug : 3409' md
2820' tvd

Depth of Bottom Cement Plug : Below 4577' md
Below 4539' tvd

Description of Sources: One 1.7 Curie Cs-137, Doubly Encapsulated, Special Form,
Well Logging Sealed Source
Serial Number: 2759-GW
Amersham Model CDC.CY6

One 8 Curie Am-241Be, Doubly Encapsulated, Special Form,
Well Logging Sealed Source
Serial Number: DNS-031
Gammatron Model AN-HP

While pulling out of the hole for a wiper trip on June 24, 2007 the drill pipe become stuck in the wellbore. There was no success in establishing circulation, rotation or movement of the drill string. While waiting for fishing tools and wash pipe to arrive on location jarring was continued. When fishing tools arrived, a freepoint backoff assembly was put in the hole to back off the drill pipe. Once the drill string was backed off, they pulled out of the hole to pick up wash pipe and started washing over the drill pipe. They then pulled out of the hole to pick another set of fishing jars and continued jarring in a third attempt to free the drill pipe. On June 28 it became apparent that the drill pipe would come out of the hole.

Mr. Anthony Gaines (NRC – Region IV) was notified on June 28, 2007 at 2:30 PM and given details of the abandonment plan, which included 432' of drill pipe left above the sources to act as a mechanical deflection device and prevent inadvertent intrusion on the sources. Mr. Gaines gave a verbal approval with the agreement that a formal report would be filed within 30 days of the abandonment.

A sidetracked well is planned to be drilled. The sidetrack well is planned **not** to come within 15 ft of the sources. A liner (casing) will be set at completion of the By Pass well and cemented in place.

You will also find attached a diagram of the well showing the depth of the sources and a sheet showing the information contained on the permanent identification plaque that will be supplied to Badger Oil Corporation.

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

Sincerely,


James Bolling
Regional Radiation Safety Officer

ENC: Facsimile of Abandonment Plaque
Well Diagram

CC: Mike Pfister – V.P. North America Operations
Mike Castille – Gulf Coast Operations
A.J. Broussard – M/LWD Operations Manager
Dale Clark – Badger Oil Corporation

APPLIED DRILLING TECHNOLOGY INC

Badger Oil Corporation

High Island A-309 # C4
OCS-G 2735

Surface Location:

X=3,753,941 Y=196,021
1979' FNL & 6974' FEL of HI A-309

Rig: Pride Missouri

WD: 206

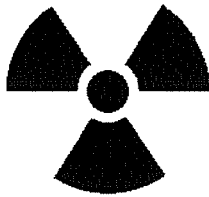
Shore Base: Cameron 93 miles

RKB: 111

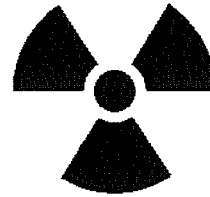
Exploratory, Abnormal Pressure, Directional, Platform, Lost Circ. Possible

Max Temp	Formation Evaluation	Frac Grad	Well Specifics	Mud
		515' 198' BML	30" X 1" Drive Pipe	WBM
N/A °F		1000 MD 1000 TVD	18-5/8 ", 87.5 #, J-55 , BTC	9.0 WBM
		17-1/2" Hole		
120 °F		4325 MD 4300 TVD	13-3/8 ", 68 #, J-55 , BTC	10.2 WBM
<p align="center">OH cmt plug set from 4577' MD to 4325' MD w/ 300sx (318 cuft, 56 bbls) 16.4 ppg, 1.06 yield Class H cmt</p>				
<p>TOF @ 4577' MD/ 4539' TVD</p>				
<p>Top of Density Neutron Tool @ 4609' MD/ 4568' TVD</p>				
<p>8.0 Ci Am241Be @ 4616 MD, 4574 TVD</p>				
<p>1.7 Ci Cs-137 @ 4623 MD, 4581 TVD</p>				
<p>Bottom of Density Neutron Tool @ 4633' MD/ 4589' TVD</p>				
<p>BIT @ 4722' MD/ 4671' TVD</p>				
<p>TD- 5376' MD/ 5234' TVD</p>				

COMPANY: BADGER OIL CORPORATION
LAYETTE, LA
WELL: OCS-G 02735 C-4 ST00 BP01
API 42-711-4088201
LOCATION: HIGH ISLAND A-309
OFFSHORE GOM



CAUTION



**ONE 1.7 CURIE Cs-137 AND ONE 8.0 CURIE Am-241Be RADIOACTIVE
SEALED SOURCES ABANDONED ON
29 JUNE 2007 4616 MD (4574 FT TVD)
PLUGBACK DEPTH 4325 FT MD (4300 FT TVD)**

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