



PathFinder Energy Services, Inc.

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June 23, 2009

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

Attention: James Thompson

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

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:	2 June 2009
Company Name:	Newfield Exploration Company 363 North Sam Houston Parkway Houston, TX 77060
Well Name:	OCS-G-32164 #1 API # 17-707-40902-BP00
Well Location (surface):	Lat. 29.9.6.1016 N - Lon. 92.9.13.1455 W 1738131.8000 X, -177320.0400 Y South Marsh Island Block 261 Offshore Louisiana (Federal Waters)
Depth of Well:	8585' md 8583' tvd
Bottom of Fish:	8580' md 8578' tvd
Depth of 8.0 Curie Am241Be Source	8493' md 8491' tvd
Depth of 1.5 Curie Cs-137 Source:	8499' md 8497' tvd
Depth of Top Fish:	8190' md 8188' tvd
Depth of Top of Cement Plug:	7784' md 7782' tvd

RECEIVED
JUN 29 2009
DNMS

Depth of Bottom Cement Plug: Below 8234' md
 Below 8232' tvd

Description of Sources: One - 1.5 Curie Cs-137, Doubly Encapsulated, Special Form,
 Well Logging Sealed Source
 Serial Number: 3014GW
 QSA Model CDC.CY6

 One - 8.0 Curie Am241Be, Doubly Encapsulated, Special Form,
 Well Logging Sealed Source
 Serial Number: DNS030
 Gammatron Model AN-HP

While drilling a 12 ¼" hole to 8595' MD / 8583' TVD on May 26, 2009 the drill pipe became stuck when picking up off bottom. Jarring attempts were unsuccessful and a free point wire line unit with fishing jars was ordered. While waiting on fishing equipment the rig continued to jar on the stuck drill pipe. When the fishing equipment arrived on location a free point indicator was run and the drill pipe was backed off at 8234'. Several fishing attempts were made which included raising mud weight and changing fishing jars. On June 1, 2009 it became apparent that the drill string was not going to come out of the hole and abandonment procedures were put in place.

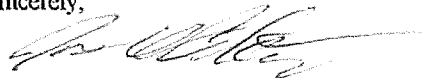
Mr. James Thompson (NRC – Region IV) was notified on May 28, 2009 at approximately at 2:00 PM of the possibility of abandoning the two radioactive sources and given details of the preliminary abandonment plan, which included at least a 200 foot cement plug, the remaining drill pipe on top of the sources to be used as a non-drillable object and at least 15 feet distance must be kept from the sources if a side track well is drilled. The MMS gave approval for the abandonment on condition of NRC approval. On June 1, 2009 Mr. Thompson was notified by e-mail that the rig was pulling out of the hole to pick up cementing equipment to abandon this portion of the well. At 3:00 am June 2, 2009, 306' of drill pipe and a 709' cement plug was left on top of the radioactive sources.

A sidetracked well is planned to be drilled. The sidetrack well is planned **not** to come within 15 ft of the sources.

You will also find attached a sheet showing the information contained on the permanent identification plaque that will be supplied to Newfield Exploration Company.

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

Sincerely,



James Bolling
Regional Radiation Safety Officer

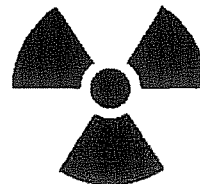
ENC: Facsimile of Abandonment Plaque

CC: Carlos Contreras – North America LWD Operations Manager
A.J. Broussard – M/LWD Operations Manager
Andrew Neil – PathFinder Corporate RSO
Mark Pyc – Newfield Exploration Company

COMPANY: NEWFIELD EXPLORATION CO.
HOUSTON, TX
WELL: OCS-G 32164 #1
API 17-707-40902-BP00
LOCATION: SOUTH MARSH ISLAND BLOCK 261
OFFSHORE GOM



CAUTION



**ONE 1.5 CURIE Cs-137 AND ONE 8.0 CURIE Am241Be RADIOACTIVE
SEALED SOURCES ABANDONED ON
2 JUNE 2009 8493 FT MD (8491 FT TVD)
PLUGBACK DEPTH 7784 FT MD (7782 FT TVD)**

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