



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION IV
1600 E. LAMAR BLVD.
ARLINGTON, TX 76011-4511

January 28, 2015

MEMORANDUM TO: Robert Sun, Health Physicist (T-8E24)
Radioactive Materials Safety Branch
Division of Materials Safety & State Agreements

FROM: G. Michael Vasquez, Chief */RA/*
Nuclear Materials Safety Branch A
Division of Nuclear Materials Safety

SUBJECT: MATERIALS LICENSEE EVENT REPORT SUMMARY

Enclosed is the subject report for December, 2014. This enclosure documents the licensee event reports that were opened and closed for the period covering October, 2014 through December, 2014 and lists ADAMS ML numbers for documents associated with these events, detailing Region IV's response.

CONTACT: Rick Muñoz, NMSB-A, DNMS
817-200-1220

Enclosure:
December 2014 RIV DNMS Licensee
Event Reports Summary Table

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CONTACT: Rick Muñoz, NMSB-A, DNMS
817-200-1220

Enclosure:
December 2014
RIV DNMS Licensee Event Reports Summary Table

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DOCUMENT NAME: S:\DNMS\NMIB\MLERS\2014\10-2014 THROUGH 12-2014.doc

X SUNSI Review By: RRM		ADAMS X Yes <input type="checkbox"/> No	X Publicly Available <input type="checkbox"/> Non-Publicly Available		X Non-Sensitive <input type="checkbox"/> Sensitive		Keyword:
OFFICE	DNMS/NMSB-A	C:NMSB-A					
NAME	RRMunoz	GMVasquez					
SIGNATURE	/RA/	/RA/					
DATE	12/31/14	01/28/15					

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RIV DNMS LICENSEE EVENT REPORTS SUMMARY TABLE -- December 2014

ADAMS ML # or Event #	Event Date	Notification Date	Licensee	License Number	Reporting Requirement	Event Description	Assigned Inspector	Review Status
48193	8/15/2012	8/15/2012	United States Air Force	42-23539-01AF	10 CFR 20.2201	Lost americium-241 sealed source (0.25 millicuries) in a CAD	Cook	Open
48532	11/22/2012	11/23/2012	Bayou Inspection Services	LA-7112-L01	10 CFR 30.50	Radiography source disconnect on pipe lay barge in offshore Federal waters near Louisiana	Stearns	Open
49483	10/17/2013	10/29/2013	United States Air Force	42-23539-01AF	10 CFR 20.2201	Lost nickel-63 sealed source 555 MBq (15 mCi) in an air particulate detector	Cook	Open
ML 14066A464	01/17/2014	01/21/2014	Schlumberger Technology Corporation	42-00090-03	10CFR 39.77(d)	Abandonment of a 63 GBq (1.7 Curie) Cs-137 source	Thompson	Closed
ML14105A480	03/01/2014	03/01/2014	Halliburton Energy Services	42-01068-07	10CFR 39.77(d)	Abandonment of a 2 Curie Cs-137 & 15 Curie Am/Be source	Dykert	Open
ML14111A486 ML14140A520	04/16/2014	04/19/2014	Baker Hughes	17-27437-01	10CFR 39.77(d)	Abandonment of a 2.5 Curie Cs-137 & 5 Curie Am/Be source	VonEhr	Open
ML14134A602 ML14150A557	04/29/2014	05/05/2014	Baker Hughes INTEQ	17-27437-01	10CFR 39.77(d)	Abandonment of a Cs-137 & Am/Be sources	Stearns	Open
NMED 140329 ML14175B019	05/16/2014	05/21/2014	Baker Hughes	17-27437-01	10CFR 39.77(d)	Abandonment of a 2.5 Curie (92.5 GBq) Cs-137 & 5 Curie (185 GBq) Am/Be source	Hanson	Closed
ML14189A682	05/23/2014	05/28/2014	Baker Hughes	17-27437-01	10CFR 39.77(d)	Abandonment of a 2.5 Curie (92.5 GBq) Cs-137 & 5 Curie (185 GBq) Am/Be source	Thompson	Closed
ML14294A770	06/17/2014	06/17/2014	Weatherford	42-26891-01	10CFR 39.77(d)	Abandonment of a 2 Curie (74 GBq) Cs-137 & 15 Curie (555 GBq) Am/Be source	Dykert	Closed

RIV DNMS LICENSEE EVENT REPORTS SUMMARY TABLE – December 2014

ADAMS ML # or Event #	Event Date	Notification Date	Licensee	License Number	Reporting Requirement	Event Description	Assigned Inspector	Review Status
ML14254A059 ML14202A122	06/17/2014	06/19/2014	Schlumberger Technology Corporation	42-00090-03	10CFR 39.77(d)	Abandonment of a 63 GBq (1.7 Curie) Cs-137 source	VonEhr	Closed
Pending	07/02/2014	07/09/2014	Baker Hughes	17-27437-01	10CFR 39.77(d)	Abandonment of a 92.5 GBq Cs-137 & 185 GBq Am/Be source	Stearns	Open
ML14203A292 ML14247A577	07/19/2014	07/21/2014	Baker Hughes	17-27437-01	10CFR 39.77(d)	Abandonment of a 2.5 Curie (92.5 GBq) Cs-137 & 5 Curie (185 GBq) Am/Be source	Hanson	Closed
ML14203A263	07/14/2014	07/20/2014	Schlumberger Technology Corporation	42-00090-03	10CFR 39.77(d)	Abandonment of a 62 GBq (1.7 Curie) Cs-137 source	Dykert	Open
ML050140214 ML14203A238 ML14254A044	07/16/2014	07/18/2014	Weatherford	42-26891-01	10CFR 39.77(d)	Abandonment of a 45 mCi Cs-137 source	VonEhr	Closed
140208	04/11/2014	04/21/2014	Qal-Tek Associates	11-27610-01	10 CFR 20.2201(a)(1)(i)	Lost americium-241 and Cs- 137 sealed sources in a portable gauge	VonEhr	Open
ML14266A209	04/13/2014	05/12/2014	Bayou Inspection Services, Inc.	42-32219-01	10 CFR 20.1301(a)(2)	Potential Overexposure Radiography Operations	Otero	Open
ML14267A343	05/05/2014	08/25/2014	Baker Hughes	17-27437-01	10CFR 39.77(d)	Abandonment of a 92.5 GBq Cs-137 & 185 GBq Am/Be source	Dykert	Open
ML13207A406 ML14261A445	05/09/2014	07/28/2014	Schlumberger Technology Corporation	42-00090-03	10CFR 39.77(d)	Abandonment of a 62 GBq (1.7 Curie) Cs-137 source	Stearns	Open
ML13207A409	06/28/2014		Schlumberger Technology Corporation	42-00090-03	10CFR 39.77(d)	Abandonment of a 63 GBq (1.7 Curie) Cs-137 source	Thompson	Open
ML14216A268 ML14260A554	08/03/2014	08/07/2014	Montana State University	25-00326-06	10 CFR 20.2201(a)(2)	Lost nickel-63 sealed source 500 MBq (14 mCi) in a GC/ECD	Hammond	Open

RIV DNMS LICENSEE EVENT REPORTS SUMMARY TABLE – December 2014

ADAMS ML # or Event #	Event Date	Notification Date	Licensee	License Number	Reporting Requirement	Event Description	Assigned Inspector	Review Status
ML14267A343 ML14289A518	07/18/2014	08/20/2014	Baker Hughes	17-27437-01	10CFR 39.77(d)	Abandonment of a Cs-137 & Am/Be source	VonEhr	Closed
ML14267A276 ML14267A259	07/31/2014	08/05/2014	Halliburton Energy Services	42-01068-07	10CFR 39.77(d)	Abandonment of a 2 Curie (74 GBq) Cs-137 & 8 Curie (296 GBq) Am/Be source	Thompson	Open
ML14267A288	08/12/2014	08/15/2014	Schlumberger Technology Corporation	42-00090-03	10CFR 39.77(d)	Abandonment of a 63 GBq (1.9 Curie) Cs-137 & 370 GBq (9 Curie) Am/Be source	Stearns	Open
ML14267A310 ML14261A445 ML14267A316	09/12/2014	09/15/2014	Schlumberger Technology Corporation	42-00090-03	10CFR 39.77(d)	Abandonment of a 63 GBq (1.9 Curie) Cs-137 & 555 GBq (15 Curie) Am/Be source	Dykert	Closed
50461	09/16/2014	09/16/2014	Dowl HKM	25-17492-01	10 CFR 30.50(b)(2)	Damage to a Troxler3440 Portable Gauge	Stearns	Open
ML14300A570	10/11/2014	10/17/2014	Halliburton Energy Services	42-01068-07	10CFR 39.77(d)	Abandonment of a 2 Curie (74 GBq) Cs-137 & 15 Curie (555 GBq) Am/Be source	VonEhr	Open
ML14356A241	09/12/2014	12/03/2014	Schlumberger Technology Corporation	42-00090-03	10CFR 39.77(d)	Abandonment of a 63 GBq (1.9 Curie) Cs-137	Dykert	Open
ML14300A612	08/13/2014	09/13/2014	Schlumberger Technology Corporation	42-00090-03	10CFR 39.77(d)	Abandonment of a 63 GBq (1.7 Curie) Cs-137 source	Thompson	Open
ML14339A601	12/01/2014	unknown	DMS Health Technologies		10 CFR 20.1801, 20.1802	Transportation Accident Involving a Nuclear Medicine Truck	Katanic	Open

LICENSEE EVENT REPORT EVALUATION FORM

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EVENT CLASS: LAS - LOST, ABANDONED, STOLEN MATERIAL**LICENSEE / REPORTING PARTY INFORMATION:**

Licensee/Reporting party name:	BAKER HUGHES		
License number :	17-27437-01		
Docket number :	030-32818		
Licensee's City of record :	BROUSSARD		
Licensees State of record :	LOUISIANA		
NRC regulated?	YES	If so, what Region?	IV
Working under reciprocity?	NO		

EVENT INFORMATION:

In what City and State did the event occur?	Redoubt Shoal Field, Cook Inlet, Alaska
Event date : July 21, 2014	Miller Rig 35 / Osprey Platform / Redoubt Shoal No. 9
Discovery date :	July 18, 2014
Report date :	Aug 20, 2014 (ML14289A518)
Agreement State reportable?	No
NRC reportable?	Yes
Reporting regulation :	10 CFR 39.77
NMED Item Number :	Report can be accessed at ML14289A518

ADDITIONAL PARTIES INVOLVED:

Name : Operator (Cook Inlet Energy)	N/A
License number : None	N/A
City :	N/A
State :	N/A

LICENSEE EVENT REPORT EVALUATION FORM

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EVENT CLASS: LAS - LOST, ABANDONED, STOLEN MATERIAL

NARRATIVE EVENT DESCRIPTION:

Cook Inlet Energy, the well operator, on the Miller Rig 35, was drilling on-shore in Redoubt Shoal Field in the general area of Cook Inlet, Alaska in July, 2014. The well number was Redoubt Shoal No. 9. On 7/18/2014 the drill string became stuck at 18,459.26 ft. Client attempted to free device from 7/18-7/21. Approval to implement abandonment procedures came on 7/21, tool officially abandoned at 1803 on 7/22. Exact location of well- N 60° 41' 44.179" & W 151° 40' 13.609" in 45 feet deep water.

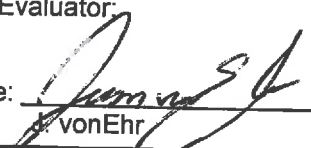

CORRECTIVE ACTIONS:

The licensee submitted a written report on August 20, 2014. Recovery efforts were abandoned on 7/21/14. BHA left in hole. The licensee pumped 400 ft of concrete to immobilize and seal the hole. On 7/23-7/24, the hole was cemented on top of MWD and pipe. The top of the fish is @ 18251 ft. MD with TVD at 12684 ft. Source depths were: (Am-241/Be 18359 ft MD/12884 ft TVD) (Cs-137 18369 ft MD/12691 ft TVD). The top of the cement plug is approximately 17847 ft MD./12300 ft. TVD. The depth of the well was 18459 ft MD/12755 ft. TVD. According to the report, the operator plugged well sidetracked around the nuclear sources, kicking off at 17840 ft MD on July 26th.

Event note- Licensee's original 30-day abandonment report contained errors/conflicting information related to depth of and exact geographic location of the radioactive sources. The ADAMS document listed on the title page is of the *corrected* 30-day abandonment report.

RECOMMENDED FOLLOWUP:

Was a reactive inspection conducted?	No	If so, inspection report number :	
Is LER recommended for closure?	Yes		
Is this NMED Item Number recommended to reflect "complete"?	Yes		

LER Evaluator:		Branch Chief or Designee Review:	
Name: <u></u>	Date: <u>10/15/14</u>	Name: <u></u>	Date: <u>1/28/15</u>
J. vonEhr		M. Vasquez	

LICENSEE EVENT REPORT EVALUATION FORM

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EVENT CLASS: LAS - LOST, ABANDONED, STOLEN MATERIAL**LICENSEE / REPORTING PARTY INFORMATION:**

Licensee/Reporting party name:	Weatherford international		
License number :	42-26891-01		
Docket number :	030-30118		
Licensee's City of record :	BENBROOK		
Licensees State of record :	TEXAS		
NRC regulated?	YES	If so, what Region?	IV
Working under reciprocity?	NO		

EVENT INFORMATION:

In what City and State did the event occur?	Federal waters, Gulf of Mexico
Event date : July 26, 2004	South Marsh Island, Block 142 #A-7E OCS-G-01216
Discovery date :	July 26 2004 / July 4 2014 (ML050140214 / ML14203A238)
Report date :	November 19, 2004 / August 21 2014 (ML050140214 / ML14254A044)
Agreement State reportable?	No
NRC reportable?	Yes
Reporting regulation :	10 CFR 39.77
NMED Item Number :	Report can be accessed at ML14254A044

ADDITIONAL PARTIES INVOLVED:

Name : Owner (Fieldwood Energy, LLC)	N/A
License number : None	N/A
City :	N/A
State :	N/A

LICENSEE EVENT REPORT EVALUATION FORM

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EVENT CLASS: LAS - LOST, ABANDONED, STOLEN MATERIAL**CONSULTANT INFORMATION (if any):**

Consultant name :	None
Company :	N/A
Who hired consultant?	N/A

DEVICE INFORMATION:

Manufacturer :	Unknown
Model number :	N/A
Serial number :	N/A

RADIATION SOURCE INFORMATION:

Isotope :	Cesium-137	
Activity :	45 mCi (1.67 GBq)	
Manufacturer :	Isotope Products	
Model number :	HEG-137	
Serial number :	XX-824	

LICENSEE EVENT REPORT EVALUATION FORM

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EVENT CLASS: LAS - LOST, ABANDONED, STOLEN MATERIAL**NARRATIVE EVENT DESCRIPTION:**

In July 2004 the original well owner, Hunt Petroleum (AEC) Inc, was drilling off-shore in federal waters in the Gulf of Mexico South Marsh Island Block 142 #A-7E field. The source became stuck on July 26th, 2004 above a producing section of the well. The well number is OCS-G 01216. Recovery attempts were originally made July 27-28 2004, and the latest well owner Fieldwood Energy LLC and Weatherford made a final recovery effort between July 1 and July 4 2014. The source remained stuck above the producing section for the ten-year interim period and thus remained 'in storage' on the license and continued to be tracked. On 8/14/14, the source was fully abandoned in accordance with licensee's procedures at 6423 ft. Exact location of well- N 28.251478° & -90.863282°

CORRECTIVE ACTIONS:

The licensee submitted a written report on August 21, 2014. Final recovery efforts were abandoned on July 4, 2014. The licensee pumped 500ft of red-dye concrete to immobilize and seal the hole. On August 13, the hole was cemented on top of MWD and pipe. The top of the fish is @ 6347 ft. MD. Cs-137 source depth is between 6238 ft MD and 6423 ft MD. The top of the cement plug is approximately 2473 ft MD and the deflection device is 2,471 ft MD. The depth of the well was 6423 ft MD. The entire well is to be abandoned and no further activity is expected at this time.

RECOMMENDED FOLLOWUP:

Was a reactive inspection conducted?	No	If so, inspection report number :	
Is LER recommended for closure?	Yes		
Is this NMED Item Number recommended to reflect "complete"?	Yes		

LER Evaluator:		Branch Chief or Designee Review:	
Name: <u>J. vonEhr</u>	Date: <u>10/01/14</u>	Name: <u>M. Vasquez</u>	Date: <u>1/28/15</u>

LICENSEE EVENT REPORT EVALUATION FORM

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EVENT CLASS: LAS - LOST, ABANDONED, STOLEN MATERIAL**LICENSEE / REPORTING PARTY INFORMATION:**

Licensee/Reporting party name:	Schlumberger Technology Corporation		
License number :	42-00090-03		
Docket number :	030-06388		
Licensee's City of record :	SUGARLAND		
Licensees State of record :	TEXAS		
NRC regulated?	YES	If so, what Region?	IV
Working under reciprocity?	NO		

EVENT INFORMATION:

In what City and State did the event occur?	Federal waters, Gulf of Mexico, Offshore Louisiana
Event date : June 19 2014	Freeport McMoran Oil and Gas; Keathly Canyon 627 OCS-G 27740 001 ST00BP00
Discovery date :	June 17 2014 (ML14254A059)
Report date :	July 15 2014 (ML14202A122)
Agreement State reportable?	No
NRC reportable?	Yes
Reporting regulation :	10 CFR 39.77
NMED Item Number :	Report can be accessed at ML14202A122

ADDITIONAL PARTIES INVOLVED:

Name : Operator (Freeport McMoran Oil and Gas)	N/A
License number : None	N/A
City :	N/A
State :	N/A

LICENSEE EVENT REPORT EVALUATION FORM

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EVENT CLASS: LAS - LOST, ABANDONED, STOLEN MATERIAL**CONSULTANT INFORMATION (if any):**

Consultant name :	None
Company :	N/A
Who hired consultant?	N/A

DEVICE INFORMATION:

Manufacturer :	MWD Logging Tool
Model number :	N/A
Serial number :	N/A

RADIATION SOURCE INFORMATION:

Isotope :	Cesium-137	
Activity :	1.7 Ci (63 GBq)	
Manufacturer :	QSA Global Inc	
Model number :	CDC.CY3	
Serial number :	A2856	

LICENSEE EVENT REPORT EVALUATION FORM

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EVENT CLASS: LAS - LOST, ABANDONED, STOLEN MATERIAL**NARRATIVE EVENT DESCRIPTION:**

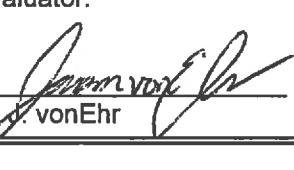

Schlumberger Technology Corp was drilling off-shore in federal waters of the Gulf of Mexico in field Keathly Canyon 627 in June, 2014. The well number was OCS-G 27740 001 ST00BP00 owned by Freeport McMoRan Oil and Gas. On 6/17/2014, at a depth of 18,965 ft the device became stuck and multiple attempts to free the device by jarring and more than 24 hours of circulation failed.

CORRECTIVE ACTIONS:

The licensee submitted a written report on July 15, 2014. Recovery efforts were abandoned around 6/22/14. The licensee pumped concrete to immobilize and seal the hole. On 6/25/14, the hole was red-cemented on top of approximately 300 linear feet of irretrievable drill pipe and other BHA components. The top of the cement plug is approximately 18,144 ft MD. The top of the fish is at 18,601 ft MD. Cs-137 source depth was 18,936 ft MD. According to the report, the operator sidetracked around the nuclear sources at 18,144 ft MD, leaving 792 ft of piping, components, and red-dye cement between the active well and the abandoned source. The total depth of the well was 18,988 ft MD.

RECOMMENDED FOLLOWUP:

Was a reactive inspection conducted?	No	If so, inspection report number :	
Is LER recommended for closure?	Yes		
Is this NMED Item Number recommended to reflect "complete"?	Yes		

LER Evaluator:		Branch Chief or Designee Review:	
Name: <u></u>	Date: <u>10/10/14</u>	Name: <u></u>	Date: <u>1/28/15</u>
J. vonEhr		M. Vasquez	

LICENSEE EVENT REPORT EVALUATION FORM

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EVENT CLASS: LAS - LOST, ABANDONED, STOLEN MATERIAL**LICENSEE / REPORTING PARTY INFORMATION:**

Licensee/Reporting party name:	Baker Hughes		
License number :	17-27437-01		
Docket number :	030-32818		
Licensee's City of record :	Broussard		
Licensees State of record :	Louisiana		
NRC regulated?	Yes	If so, what Region?	IV
Working under reciprocity?	No		

EVENT INFORMATION:

In what City and State did the event occur?	Offshore Federal waters
Event date :	07/18/2014
Discovery date :	07/18/2014
Report date :	07/19/2014
Agreement State reportable?	No
NRC reportable?	Yes
Reporting regulation :	10 CFR 39.77(d)
NMED Item Number :	ML14203A292

ADDITIONAL PARTIES INVOLVED:

Name :	
License number :	
City :	
State :	

LICENSEE EVENT REPORT EVALUATION FORM

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EVENT CLASS: LAS - LOST, ABANDONED, STOLEN MATERIAL

CONSULTANT INFORMATION (if any):

Consultant name :	None
Company :	
Who hired consultant?	

DEVICE INFORMATION:

Manufacturer :	Logging tool
Model number :	N/A
Serial number :	N/A

RADIATION SOURCE INFORMATION:

Isotope :	americium-241:be	cesium-137
Activity :	5 curies	2.5 curies
Manufacturer :	QSA Global	QSA Global
Model number :	SN-71901B	SN-87904B
Serial number :	71057B	80461B

LICENSEE EVENT REPORT EVALUATION FORM

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EVENT CLASS: LAS - LOST, ABANDONED, STOLEN MATERIAL

NARRATIVE EVENT DESCRIPTION:

On July 18, 2014, a drill string became stuck in hole while drilling off RU9, Osprey Platform, Alaska [Cook Inlet Energy Inc., Miller Rig 35, Redoubt Shoal No. 9, Prudhoe Bay, N 60 degrees 41' 44.179" and W 151 degrees 40' 13.609", Cook Inlet, Alaska (onshore)]. After two failed wireline free-point runs and resuming circulation and jarring, the licensee requested authorization from the agency to proceed with abandonment. The logging tool held two radioactive sources: am-241/be, 5 cuirs & cs-137, 2.5 curies. Authorization was granted by the agency on July 21, 2014, to proceed with source abandonment in accordance with the licensee's approved standard procedures. For more information see ADAMS [ML14203A292].

CORRECTIVE ACTIONS:

On July 22, the 2.5 curie cs-137 source was abandoned at 18,369 feet measured depth (MD) and the 5 curie am-241:be source was abandoned at 18,359 feet MD. A cement plug was set over the sources to immobilize and seal the well hole, with the top of the cement plug approximately at 17,847 feet MD. The top of the fish is located at 18, 251 feet MD. The total well depth is 18,459 MD. The licensee placed a permanent identification plaque on the well, with warning statement DO NOT ENTER THIS WELL BEFORE CONTACTING THE NRC. For more information see ADAMS [ML14247A577].

RECOMMENDED FOLLOWUP:

Was a reactive inspection conducted?	No	If so, inspection report number :	N/A
Is LER recommended for closure?	Yes		
Is this NMED Item Number recommended to reflect "complete"?			

LER Evaluator:	Branch Chief or Designee Review:
Name: <u>Quanta Hanson</u> Date: <u>9/4/14</u>	Name: <u>Ann Vang</u> Date: <u>11/25/14</u>

LICENSEE EVENT REPORT EVALUATION FORM

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EVENT CLASS: LAS - LOST, ABANDONED, STOLEN MATERIAL**LICENSEE / REPORTING PARTY INFORMATION:**

Licensee/Reporting party name:	Baker Hughes		
License number :	17-27437-01		
Docket number :	030-32818		
Licensee's City of record :	Broussard		
Licensees State of record :	Louisiana		
NRC regulated?	Yes	If so, what Region?	IV
Working under reciprocity?	No		

EVENT INFORMATION:

In what City and State did the event occur?	Offshore Federal waters
Event date :	05/16/2014
Discovery date :	05/16/2014
Report date :	05/21/2014
Agreement State reportable?	No
NRC reportable?	Yes
Reporting regulation :	10 CFR 39.77(d)
NMED Item Number :	140329

ADDITIONAL PARTIES INVOLVED:

Name :	
License number :	
City :	
State :	

LICENSEE EVENT REPORT EVALUATION FORM

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EVENT CLASS: LAS - LOST, ABANDONED, STOLEN MATERIAL

CONSULTANT INFORMATION (if any):

Consultant name :	None
Company :	
Who hired consultant?	

DEVICE INFORMATION:

Manufacturer :	Logging tool
Model number :	N/A
Serial number :	N/A

RADIATION SOURCE INFORMATION:

Isotope :	americium-241:be	cesium-137
Activity :	5 curies	2.5 curies
Manufacturer :	QSA Global	QSA Global
Model number :	SN-AMN.CY3	SN-CDC.CY4
Serial number :	77865B	80200B

LICENSEE EVENT REPORT EVALUATION FORM

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EVENT CLASS: LAS - LOST, ABANDONED, STOLEN MATERIAL

NARRATIVE EVENT DESCRIPTION:

On May 16, 2014, well logging sources in a well logging tool became stuck while the licensee was backreaming out of a hole well. The licensee began jarring immediately after the tool became stuck downhole while drilling offshore Louisiana, Eugene Island Block 187, Gulf of Mexico at well OCS-G 10736 002 ST00BP00 (N 28 degrees 43' 51.72" and W 91 degrees 28' 19.872). The well is operated by Fieldwood Energy, LLC. The licensee attempted to retrieve the stuck tool by freepoint, backing off and fishing but was unsuccessful. On May 21, 2014, the licensee contacted the agency to receive abandonment authorization. The logging tool held two radioactive sources: am-241/be, 5 curies and cs-137, 2.5 curies. Authorization was granted by the agency on May 21, 2014, to proceed with source abandonment in accordance with the licensee's approved standard procedures. For more information see ADAMS [ML14175B019].

CORRECTIVE ACTIONS:

On May 22, 2014, the 5 curie am-241:be source was abandoned at 14,757 feet measured depth (MD) and the 2.5 curie cs-137 source was abandoned at 14,765 feet MD. A cement plug was set over the sources to immobilize and seal the well hole, with the top of the cement plug approximately at 13,314 feet MD. The top of the fish is located at 14,164 feet MD (13,179 TVD). The total well depth is 15,187 MD. The licensee placed a permanent identification plaque on the well, with warning statement DO NOT ENTER THIS WELL BEFORE CONTACTING Nuclear Regulatory Commission. For more information see ADAMS [ML14175B019].

RECOMMENDED FOLLOWUP:

Was a reactive inspection conducted?	No	If so, inspection report number :	N/A
Is LER recommended for closure?	Yes		
Is this NMED Item Number recommended to reflect "complete"?			

LER Evaluator:

Branch Chief or Designee Review:

Name: <u>Peterina Mann</u> Date: <u>sep 10, 2014</u>	Name: <u>A-M Vany</u> Date: <u>4/22/16</u>
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LICENSEE EVENT REPORT EVALUATION FORM

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EVENT CLASS: LAS - LOST, ABANDONED, STOLEN MATERIAL

LICENSEE / REPORTING PARTY INFORMATION:

Licensee/Reporting party name:	Baker Hughes		
License number :	17-27437-01		
Docket number :	030-32818		
Licensee's City of record :	Broussard		
Licensees State of record :	Louisiana		
NRC regulated?	yes	If so, what Region?	IV
Working under reciprocity?	no		

EVENT INFORMATION:

In what City and State did the event occur?	Offshore Federal waters
Event date :	5/23/2014
Discovery date :	5/23/2014
Report date :	6/21/2014
Agreement State reportable?	no
NRC reportable?	yes
Reporting regulation :	10 CFR 39.77(d)
NMED Item Number :	ADAMS ML14189A682

ADDITIONAL PARTIES INVOLVED:

Name :	Fieldwood Energy LLC
License number :	N/A
City :	
State :	

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EVENT CLASS: LAS - LOST, ABANDONED, STOLEN MATERIAL**CONSULTANT INFORMATION (if any):**

Consultant name :	None
Company :	
Who hired consultant?	

DEVICE INFORMATION:

Manufacturer :	Logging tool
Model number :	N/A
Serial number :	N/A

RADIATION SOURCE INFORMATION:

Isotope :	Americium-241	Cesium-137
Activity :	5 curies	2.5 curies
Manufacturer :	QSA Global	QSA Global
Model number :	AMN CY3	CDC CY4
Serial number :	78040B	73922B

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EVENT CLASS: LAS - LOST, ABANDONED, STOLEN MATERIAL

NARRATIVE EVENT DESCRIPTION:

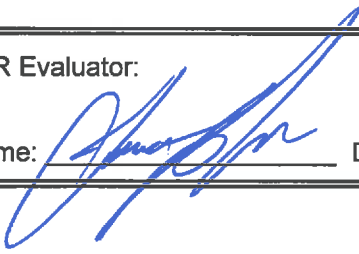

A logging tool became stuck while logging a well in the Gulf of Mexico at OCS-G 01967, Main Pass Block 153. The tool held 2 radioactive sources, as described on previous page. The sources were declared irretrievable, and permission to implement abandonment procedures was given by NRC on 5/28/2014. For more information see ADAMS ML14189A682.

CORRECTIVE ACTIONS:

A cement plug was set over the sources, with the top of cement plug at a depth of 5715 feet measured depth. Top of the fish was used as the deflection device. A copy of the abandonment report and plaque was placed in the well file. For more information see ADAMS ML14189A682.

RECOMMENDED FOLLOWUP:

Was a reactive inspection conducted?	no	If so, inspection report number :	N/A
Is LER recommended for closure?	yes		
Is this NMED Item Number recommended to reflect "complete"?	yes		

LER Evaluator:		Branch Chief or Designee Review:	
Name: 	Date: 9/26/2014	Name: 	Date: 11/24/14

LICENSEE EVENT REPORT EVALUATION FORM

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EVENT CLASS: LAS - LOST, ABANDONED, STOLEN MATERIAL**LICENSEE / REPORTING PARTY INFORMATION:**

Licensee/Reporting party name:	Weatherford International		
License number :	42-26891-01		
Docket number :	030-30118		
Licensee's City of record :	Benbrook		
Licensees State of record :	Texas		
NRC regulated?	Yes	If so, what Region?	RIV
Working under reciprocity?	no		

EVENT INFORMATION:

In what City and State did the event occur?	Gulf of Mexico (South Marsh Island Block 6)
Event date :	June 11, 2014
Discovery date :	June 17, 2014
Report date :	June 27, 2014
Agreement State reportable?	No
NRC reportable?	Yes
Reporting regulation :	10 CFR 39.77(c) and 39.77(d)
NMED Item Number :	None

ADDITIONAL PARTIES INVOLVED:

Name :	Byron Energy Inc.
License number :	N/A
City :	N/A
State :	N/A

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EVENT CLASS: LAS - LOST, ABANDONED, STOLEN MATERIAL

CONSULTANT INFORMATION (if any):

Consultant name :	N/A
Company :	N/A
Who hired consultant?	N/A

DEVICE INFORMATION:

Manufacturer :	N/A
Model number :	N/A
Serial number :	N/A

RADIATION SOURCE INFORMATION:

Isotope :	Cs-137	Am-241 Be
Activity :	2Ci	15Ci
Manufacturer :	QSA Global	QSA Global
Model number :	CDC.CY16	AMN.CY20
Serial number :	06955B	31089B

LICENSEE EVENT REPORT EVALUATION FORM

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EVENT CLASS: LAS - LOST, ABANDONED, STOLEN MATERIAL

NARRATIVE EVENT DESCRIPTION:

The fish became stuck on June 11, 2014. Fishing operations continued through June 17, 2014. Several attempts to free the drill string containing the sources were made. However, due to the inability to properly circulate, conditions of the drilling fluid and the stability of the wellbore, the decision was made to sever the drill string at 7,229 ft. and abandon the remaining string and sources. Radiation surveys conducted during fishing operations indicated NO readings above Background.

The remaining tool string and radioactive sources were immobilized and sealed in place with a cement plug. This plug extends from 7,229 ft. up to 6,840 ft.

See ML14294A770 for more information

CORRECTIVE ACTIONS:

Weatherford will have a wellhead plaque, with all required information, constructed and delivered to Byron Energy Inc. for installation. o ensure that the source is not accessible to future drilling operations.

Approx. 388 ft. of the drill string, consisting of 310 ft. of heavy weight steel drill pipe, 47 ft. of steel subs and collars and 31 ft. of Monel, remain in the well above the sources and act as the deflection device.

RECOMMENDED FOLLOWUP:

Was a reactive inspection conducted?	No	If so, inspection report number :	N/A
Is LER recommended for closure?	Yes		
Is this NMED Item Number recommended to reflect "complete"?	Yes		
LER Evaluator:		Branch Chief or Designee Review:	
Name: <u>[Signature]</u> Date: <u>10/28/14</u>		Name: <u>[Signature]</u> Date: <u>4/22/2015</u>	

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EVENT CLASS: LAS - LOST, ABANDONED, STOLEN MATERIAL

LICENSEE / REPORTING PARTY INFORMATION:

Licensee/Reporting party name:	Schlumberger Technology corp.		
License number :	42-0090-03		
Docket number :	030-06388		
Licensee's City of record :	Sugar Land		
Licensees State of record :	Texas		
NRC regulated?	Yes	If so, what Region?	RIV
Working under reciprocity?	no		

EVENT INFORMATION:

In what City and State did the event occur?	Offshore Gulf of Mexico at Well OCS-G 33657 001 ST00BP00. Field: South Timbalier 125
Event date :	August 31, 2014
Discovery date :	September 13, 2014
Report date :	October 14, 2014
Agreement State reportable?	No
NRC reportable?	Yes
Reporting regulation :	10 CFR 39.77(c) and 39.77(d)
NMED Item Number :	None

ADDITIONAL PARTIES INVOLVED:

Name :	Energy XXI
License number :	N/A
City :	N/A
State :	N/A

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EVENT CLASS: LAS - LOST, ABANDONED, STOLEN MATERIAL

CONSULTANT INFORMATION (if any):

Consultant name :	N/A
Company :	N/A
Who hired consultant?	N/A

DEVICE INFORMATION:

Manufacturer :	QSA Global
Model number :	GSR-Z and NSR-M
Serial number :	A2529 and Q1012

RADIATION SOURCE INFORMATION:

Isotope :	Cs-137	Am-241 Be
Activity :	63GBq	555GBq
Manufacturer :	QSA Global	QSA Global
Model number :	GSR-Z	NSR-M
Serial number :	A2529	Q1012

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EVENT CLASS: LAS - LOST, ABANDONED, STOLEN MATERIAL

NARRATIVE EVENT DESCRIPTION:

The rig stuck pipe on 31-Aug-14, and while attempting to free it sheared off drill pipe at approx. 15,281 ft MD. The rig then made several attempts to latch the pipe with an overshot, and finally latched on September 4. They were unable to free the fish, and backed off pipe at 15,877 ft MD. They then latched the fish on September 5, but were unable to free it and made a final back-off at 15,909 ft MD. Finally, they tried unsuccessfully to wash over the drill pipe and declared the tools irretrievable on September 13, 2014.

For more information see ADAMS ML 14267A310

CORRECTIVE ACTIONS:

Plaque as required by 10 CFR §39.15(a)(5)(iii) will be attached to the well.
75 linear feet of red dye cement was set above a cement retainer starting at 15,859 ft. MD and cased hole whipstock was set at 15,727 ft. MD with a permanent plug which all serves as whipstock to prevent future drilling at that spot.

RECOMMENDED FOLLOWUP:

Was a reactive inspection conducted?	No	If so, inspection report number :	N/A
Is LER recommended for closure?	Yes		
Is this NMED Item Number recommended to reflect "complete"?	Yes		
LER Evaluator:		Branch Chief or Designee Review:	
Name: <u>[Signature]</u> Date: <u>11-7-14</u>		Name: <u>[Signature]</u> Date: <u>11/22/15</u>	

LICENSEE EVENT REPORT EVALUATION FORM

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EVENT CLASS: LAS - LOST, ABANDONED, STOLEN MATERIAL**LICENSEE / REPORTING PARTY INFORMATION:**

Licensee/Reporting party name:	Schlumberger Technology Corporation		
License number :	42-00090-03		
Docket number :	030-06388		
Licensee's City of record :	Sugarland		
Licensees State of record :	Texas		
NRC regulated?	yes	If so, what Region?	IV
Working under reciprocity?	no		

EVENT INFORMATION:

In what City and State did the event occur?	Offshore Federal waters (OCS-G 00827)
Event date :	1/17/2014
Discovery date :	1/17/2014
Report date :	1/21/2014
Agreement State reportable?	no
NRC reportable?	yes
Reporting regulation :	10 CFR 39.77(d)
NMED Item Number or ADAMS ML :	ML14066A464

ADDITIONAL PARTIES INVOLVED:

Name :	EPL Oil & Gas
License number :	N/A
City :	
State :	

LICENSEE EVENT REPORT EVALUATION FORM

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EVENT CLASS: LAS - LOST, ABANDONED, STOLEN MATERIAL**CONSULTANT INFORMATION (if any):**

Consultant name :	N/A
Company :	
Who hired consultant?	

DEVICE INFORMATION:

Manufacturer :	Logging tool
Model number :	N/A
Serial number :	

RADIATION SOURCE INFORMATION:

Isotope :			Cesium-137
Activity :			1.7 curies
Manufacturer :			QSA Global
Model number :			CDC CY3
Serial number :			A2648

LICENSEE EVENT REPORT EVALUATION FORM

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EVENT CLASS: LAS - LOST, ABANDONED, STOLEN MATERIAL**NARRATIVE EVENT DESCRIPTION:**

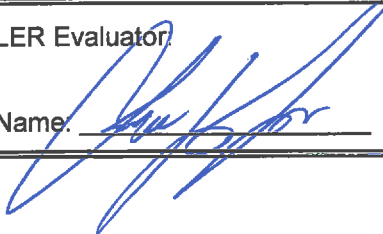

1 source was abandoned downhole after becoming stuck in a well in offshore Federal waters (Ship Shoal 209, 00827). Multiple recovery attempts were made to recover source and tool, but were unsuccessful. Permission to implement abandonment procedures was given by NRC RIV on 2/2/2014. See report for full details (ADAMS ML14066A464).

CORRECTIVE ACTIONS:

95 barrels of red dye cement was poured to form plug from 8810 feet to 7972 feet. 400 linear feet of irretrievable heavy drill pipe and other BHA components will serve as the deflection device. A warning plaque was ordered by licensee and will be given to well owner to place into the well file. See ADAMS ML14066A464 for additional information.

RECOMMENDED FOLLOWUP:

Was a reactive inspection conducted?	No	If so, inspection report number :	N/A
Is LER recommended for closure?	Yes		
Is this NMED Item Number recommended to reflect "complete"?	Yes		

LER Evaluator:		Branch Chief or Designee Review:	
Name: 	Date: 9/26/2014	Name: 	Date: 11/21/14