

Schlumberger Technology Corporation
Radiation Explosives Compliance
300 Schlumberger Drive, MD 121
Sugar Land, TX 77478

Schlumberger

October 13, 2014

Michael Vasquez
United States Nuclear Regulatory Commission
Region IV
1600 East Lamar Blvd
Arlington, Texas 76011

RE: Source Abandonment for Energy XXI OCS-G 33657 001 ST00BP00

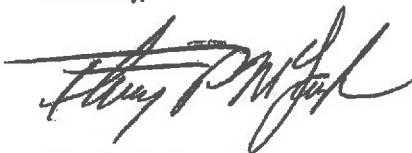
Dear Michael,

This letter is to confirm the abandonment of irretrievable radioactive logging sources in a well in accordance with 10 CFR §39.77(d). Information for this abandonment is attached.

Licensee: Schlumberger Technology Corporation (License# 42-00090-03)

If you have any questions or require additional information, please contact me at 281-285-8775 or mclaughlin8@slb.com.

Sincerely,



Timothy P. McLaughlin
Radiation Safety Officer
Schlumberger Technology Corporation

Source Abandonment - Energy XXI
Well: OCS-G 33657 001 ST00BP00

Date of Occurrence: Declared irretrievable: September 13, 2014

Source #1

Identification: 63 GBq, Cs137, Gamma Ray Source, Serial # A2529
Manufacturer: QSA Global
Model: GSR-Z
Depth: 16,707 ft MD

Source #2

Identification: 555 GBq, Am241Be, Neutron Source, Serial # Q1012
Manufacturer: QSA Global
Model: NSR-M
Depth: 16,705 ft MD

Well Identification

Company: Energy XXI
Well: OCS-G 33657 001 ST00BP00
Field: South Timballer 125
County: Offshore
API Number: 17-715-41266-00

Seal Results:

On September 14, 2014, the rig set a cement retainer in the 9-5/8" casing string at 15,859 ft MD, and were subsequently unable to inject below it. They then dumped approximately 75 linear ft of red dye cement above the cement retainer. The rig then drilled cement to 15,809 ft MD and pressure tested the cement plug to confirm its integrity, leaving approximately 50 linear feet of cement to seal and isolate the sources in place. On September 16, a permanent plug was set at 15,732 ft MD and on September 17, a cased hole whipstock was set at 15,727 ft MD which will serve as a permanent deflection device. The well was then sidetracked.

Recovery Attempts:

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.

Depth of Well:

16,091 ft MD

Identification

Plaque as required by 10 CFR §39.15(a)(5)(iii) will be attached to the well.

Reports:

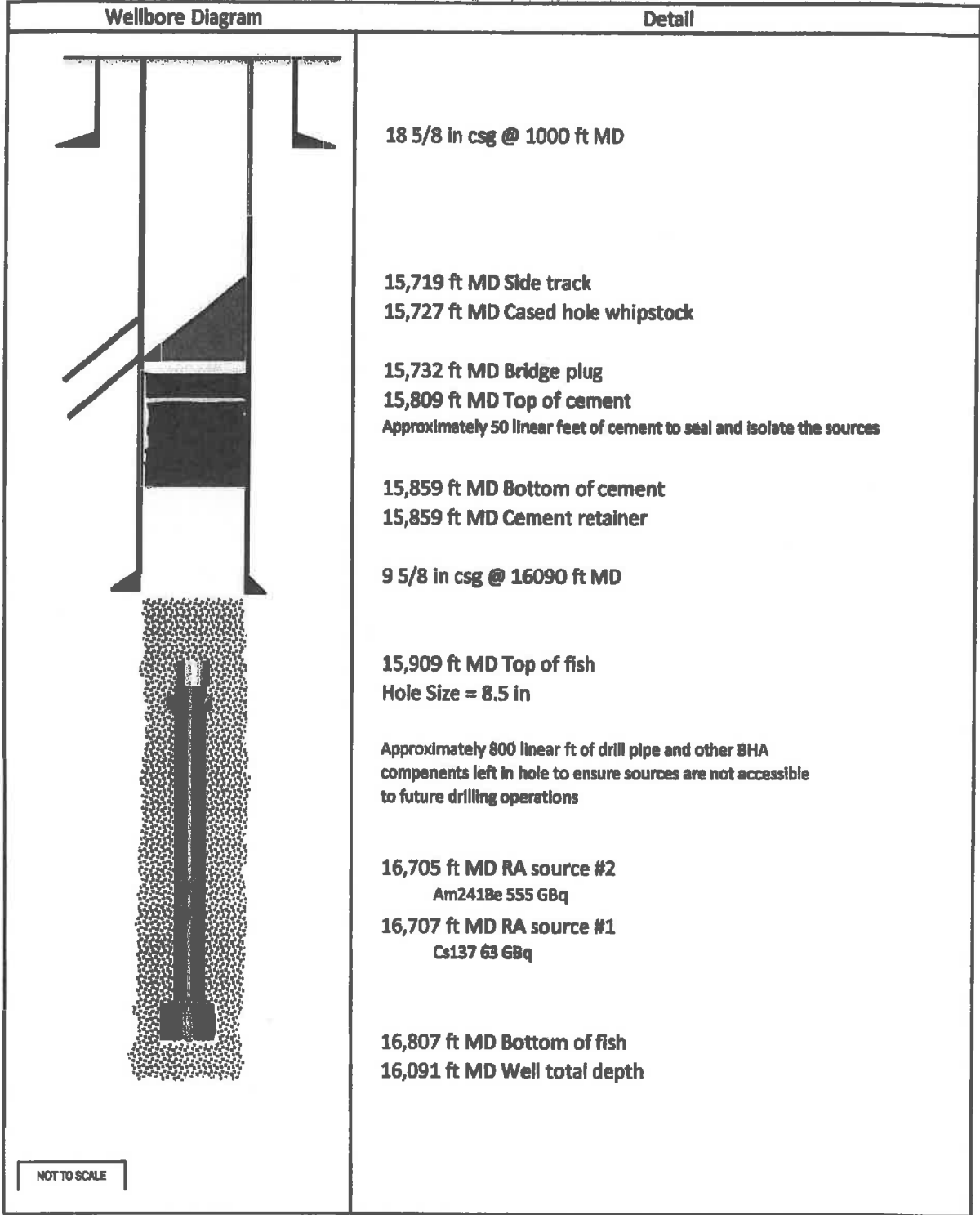
No other agency will receive a copy of this report.

Initial Telephone

Contact:

Michael Vasquez on September 13, 2014 07:50 AM.

Energy XXI
OCS-G 33657 001 ST00BP00



NOT TO SCALE

Schlumberger Technology Corporation
Radiation Explosives Compliance
300 Schlumberger Drive, MD 121
Sugar Land, Tx 77478

Schlumberger

FAX

To: Ernie Jilek

Date: Oct 13, 2014

Fax: 985-727-2165

From: Charles Deible

Tel: (281) 285-8119

Fax: (281) 285-8526

Subject: Abandonment Plaque

Pages: 2 (including cover)

Ernie,

Request for abandonment plaque for Energy XXI, well information follows.

Regards,



Chuck

Schlumberger Technology Corporation
Radiation Explosives Compliance
300 Schlumberger Drive, MD 121
Sugar Land, Tx 77478

Schlumberger

Graphics N' Metal
1200 Clausel Street
Mandeville, La. 70448
(504) 669-6082
(985) 727-2165

October 13, 2014

Attn: Ernie Jilek,

Please construct the standard abandonment plaque with the following information:

Company	Energy XXI
Well Name	OCS-G 33657 001 ST00BP00
Field	South Timbalier 125
API#	17-715-41266-00
Date of abandonment	September 14, 2014
Well depth	16,091 ft MD
Plug back depth	15,732 ft MD
Top of fish	15,909 ft MD
Sources abandoned	Cs137, 63 GBq, Gamma Ray Source @ 16,707 ft MD Am241Be, 555 GBq, Neutron Source @ 16,705 ft MD

Special Instructions: DO NOT DRILL BELOW PLUG BACK DEPTH BEFORE CONTACTING REGION IV OF THE
NUCLEAR REGULATORY COMMISSION

Please forward the completed plaque and invoice to me.

Sincerely,



Charles Deible
Radiation Safety Officer
Schlumberger U.S.



QSA GLOBAL

QSA Global, Inc.

40 North Avenue

Burlington, MA 01803

Telephone: (781) 272-2000

Toll Free: (800) 815-1383

Facsimile: (781) 273-2216

Radioactive Sealed Source Certificate and Test Report

Model: *CDC.CY3*

Radionuclide: *CS137*

Nominal Activity:

1.78 Ci

Product Code No: *CDCK8403*

Description: *CDCK7425 Cs-137 OWL Source in GSR-Z*

Capsule: *X2170/1+GSR-Z*

ANSI/ISO Classification: *C66646*

Special Form Certificate No: *USA/0650/S-96*

Classifications are based on testing of specimen sources and give the levels expected from the production sources.

Recommended Working Life: 15 Years

See other side for explanation.

Source Serial Number	Measurements Measurement Date		Leakage Test		Contamination Test	Other Tests Description
			Type	Type	Type	
			See other side for description of tests.			
			Date Passed	Date Passed	Date Passed	
<i>GSR-Z-A2529</i>	<i>1,320.00 nGy/sec (1,650.0mCi)</i>	<i>Mar-03-2006</i>	<i>M Mar-03-2006</i>	<i>D Feb-28-2006</i>	<i>A Jul-18-2006</i>	<i>SC-924CO 225</i>

Notes:

CDCK7425 Source passed pressure test of 30,000 psi per SP8-L-1722 on 02 June 06. Passed through gauge No. SCH19994-040.

Immersion test and Vacuum Bubble test is on inner cell. Position and Geometry verified to QCT314

on 07 Jan. 06. Source model CDCK7425 is built to the specifications of SLB Model GSR-Z under drawing H40099D.

Cs-134 content < 1% of total activity.

Made in USA.

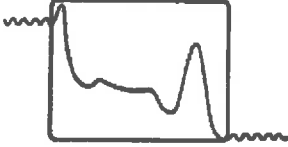
Customer: *SCHLUMBERGER TECH C/O NSSI*

Sales Order: *159212*

Jul-19-2006

Signed: _____

Page 1 of 1



Monitoring Services

P.O. BOX 289577 . HOUSTON, TEXAS 77207-9577 . AREA CODE 713-478-8820 . FAX 281-532-0828
lsatest1@comcast.net

SEALED SOURCE LEAK TEST CERTIFICATE

RADIATION SAFETY

SCHLUMBERGER Anadrill Loc.1004
135 ROUSSEAU ROAD

CUSTOMER #: 2138

YOUNGSVILLE

LA
70592

SOURCE #: 40476

ACCOUNT #: 2138

RADIONUCLIDE: CS-137 **SOURCE CODE:** GSRZ

ACTIVITY: 1.7 **CI** **SERIAL NO:** A2529

WIPE DATE 5/19/2014

EFFICIENCY: 0.95

GROSS CPM: 31 **BKG CPM:** 13 **NET CPM:** 18

NET CPM
EFF X 2.22x10⁶ DPM/u CI = MICROCURIE

THE ABOVE SOURCE WIPE TEST HAS BEEN ASSAYED IN ACCORDANCE WITH OUR RADIOACTIVE MATERIAL LICENSE AND THE APPROPRIATE REGULATORY REQUIREMENTS. THE REGULATIONS DEFINE A LEAKING SOURCE AS ONE FROM WHICH AN APPROPRIATE WIPE TEST HAS REMOVED 0.005 (5.0X10E-3) MICROCURIE OR MORE OF ACTIVITY.

THE REMOVABLE ACTIVITY WAS: 8.53E-06 MICROCURIE

3.16E-01 Bq

ASSAY NO.: 5/28/2014 87 DATE: 5/29/2014

ASSAYED BY:



QSA Global, Inc.
 40 North Avenue
 Burlington, MA 01803
 Telephone: (781) 272-2000
 Toll Free: (800) 815-1383
 Facsimile: (781) 273-2216

Radioactive Sealed Source Certificate and Test Report

Model: *AMN.CY19* Radionuclide: *AM241* Nominal Activity: *15.00 Ci*
 Product Code No: *AMNK8327*
 Description: *Am-241/Be Neutron Source* Capsule: *X2182*
 ANSI/ISO Classification: *E66646* Special Form Certificate No: *GB/418/S-96*

Classifications are based on testing of specimen sources and give the levels expected from the production sources.
 Recommended Working Life: 15 Years
 See other side for explanation.

Source Serial Number	Measurements		Leakage Test		Contamination Test	Other Tests Description
			Type	Type	Type	
			Date Passed	Date Passed	Date Passed	
<i>NSR-M-Q1012</i>	<i>2.53E+07 N/rec</i>	<i>Oct-25-2005</i>	<i>M</i> <i>Oct-25-2005</i>		<i>A</i> <i>Mar-29-2006</i>	<i>SC-3611</i> <i>512</i>

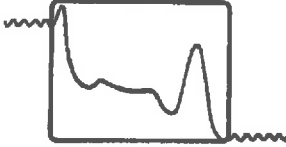
Notes:
X2176 inner capsule passed a pressure test of 30,000 psi per SPS-L-1722 on 20 Mar. 2006. X2182 capsule passed a pressure test of 30,000 psi per SPS-L-1722 on 29 Mar.2006. Immersion test is on X1299 inner cell. Passed through diameter gauge T10636. Passed overall length gauge T10637.

Customer: *SCHLUMBERGER TECH C/O NSSI*

Sales Order: *155644*

Mar-30-2006

Signed:



Monitoring Services

P.O. BOX 288877 . HOUSTON, TEXAS 77207-8877 . AREA CODE 713-475-8820 . FAX 281-532-0820
leaktest1@comcast.net

SEALED SOURCE LEAK TEST CERTIFICATE

RADIATION SAFETY
SCHLUMBERGER Anadrill Loc.1004
136 ROUSSEAU ROAD

CUSTOMER #: 2138

YOUNGSVILLE

LA
70592

SOURCE #: 40477

ACCOUNT #: 2138

RADIONUCLIDE: AM241BE SOURCE CODE: NSRM

ACTIVITY: 15 CI SERIAL NO: Q1012

WIPE DATE 5/19/2014

EFFICIENCY: 1.32

GROSS CPM: 25 BKG CPM: 13 NET CPM: 12

$\frac{\text{NET CPM}}{\text{EFF} \times 2.22 \times 10^6 \text{ DPM}/\mu \text{ CI}}$ = MICROCURIE

THE ABOVE SOURCE WIPE TEST HAS BEEN ASSAYED IN ACCORDANCE WITH OUR RADIOACTIVE MATERIAL LICENSE AND THE APPROPRIATE REGULATORY REQUIREMENTS. THE REGULATIONS DEFINE A LEAKING SOURCE AS ONE FROM WHICH AN APPROPRIATE WIPE TEST HAS REMOVED 0.005 (5.0×10^{-3}) MICROCURIE OR MORE OF ACTIVITY.

THE REMOVABLE ACTIVITY WAS: 4.10E-06 MICROCURIE

1.52E-01 Bq

ASSAY NO.: 5/28/2014 88 DATE: 5/29/2014

ASSAYED BY:

