

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

Schlumberger

February 24, 2014

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

RE: Source Abandonment for EPL Oil & Gas Inc. OCS-G 00827 J002 ST02BP01

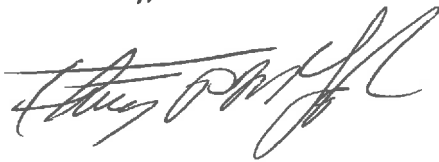
Dear Michael,

This letter is to confirm the abandonment of an irretrievable radioactive logging source 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.

Sincerely,



Timothy P. McLaughlin
Radiation Safety Officer
Schlumberger Technology Corporation

**Source Abandonment - EPL Oil & Gas Inc.
Well: OCS-G 00827 J002 ST02BP01**

Date of Occurrence: Declared irretrievable: February 02, 2014

Source #1

Identification: 64 GBq (1.7 Ci), Cs-137, Gamma Ray, Serial # A2648
Manufacturer: QSA Global
Model: GGLS-DA (CDC.CY3)
Depth: 9256 ft MD

Well Identification Company: EPL Oil & Gas Inc.
Well: OCS-G 00827 J002 ST02BP01
Field: Ship Shoal 209
County: Offshore
API Number: 177114012003

Seal Results: On February 2, 2014, the rig pumped 95 barrels of Premium red-dyed cement to form a plug from 8810 ft MD to 7972 ft MD. The rig then set casing at 7929 ft MD and drilled a side track using the top of the cement plug to kick off. Approximate depth of the side track is 8350 ft MD leaving more than 450 linear ft of cement on top of the BHA to seal and isolate the source in place. Approximately 400 linear feet of irretrievable drill pipe and other BHA components remain above the source making it inaccessible to subsequent drilling operations.

Recovery Attempts: Well was drilled to a depth of 9733 ft MD after completing the previous abandonment. The pipe became stuck at 9300 ft MD on January 27, 2014 while pulling out of hole. The rig attempted to jar the pipe free with no success. On January 30, the rig successfully backed the pipe off at 8850 ft MD. While running in hole with a fishing BHA, the rig started experiencing losses and was unable to reach the fish. The decision was then made to abandon the BHA.

Depth of Well: 9733 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.

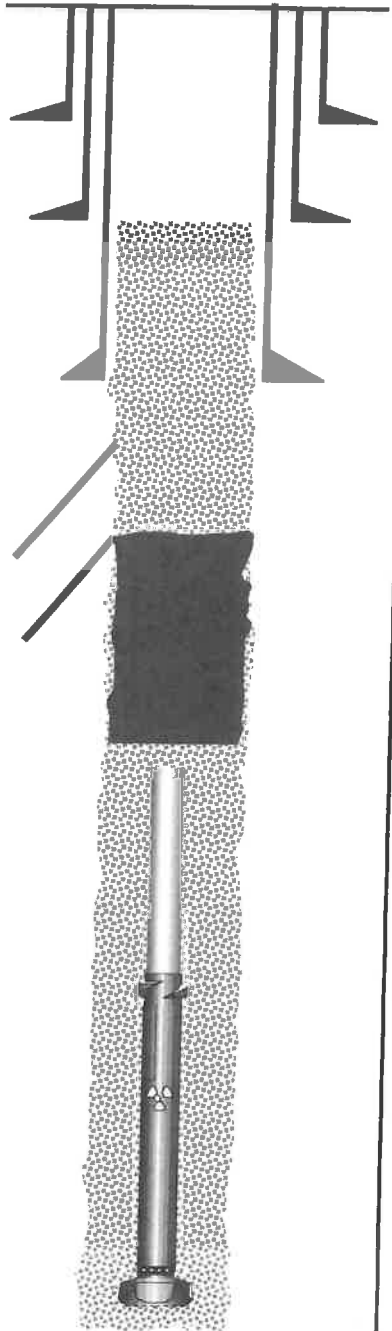
Initial Telephone

Contact: Michael Vasquez on February 02, 2014 12:36 PM.

EPL Oil & Gas Inc.
OCS-G 00827 J002 ST02BP01

Wellbore Diagram

Detail



16.0 in csg @ 681 ft MD

10.75 in csg @ 2613 ft MD

7.625 in csg @ 7929 ft MD set just prior to side track

Hole Size = 9.875 in

8350 ft MD Well Sidetrack depth
8350 Top of cement

8810 ft MD Bottom of cement
8850 ft MD Top of fish

400 linear feet of irretrievable drill pipe left in hole will ensure that source is not accessible to future drilling operations

9256 ft MD RA source #1
Cs-137 64 GBq (1.7 Ci)

9300 ft MD Bottom of fish
9733 ft MD Well Total Depth

NOT TO SCALE

Radiation Fishing and Abandonment Report

Offshore (OCS Waters)
 Land State Lease Waters
 Wireline
 LWD

Date and time tool stuck: **28-Jan-14 03:00 AM** Report date and time: **30-Jan-14 10:12 AM**

Company Name (Full Name): **EPL Oil & Gas Inc.**

Well Name OCS-G or State Lease: **OCS-G 00827 J002 ST02BP01**

Lease location (leagal): **X:2,142,382 Y: -47,386**

API Number or CLSD: **177114012003** Rig Name: **Hercules 203**

County or Parish: **Offshore** State: **Louisiana**

District: **Youngsville** Field Name: **Ship Shoal 209**

Sales eng: **Russ Neuschaefer**

TD: **9733 ft MD** Hole Size: **9.875 in** Maximum deviation: **29.3 deg**

	Size	Weight	Depth
Casing #1	10.75 in	40.5 lb/ft	2613 ft MD
Casing #2	16.0 in	66 lb/ft	681 ft MD

Top of Fish: **8850 ft MD**

Bottom of Fish: **9300 ft MD**

Source Data

Model(manufacture)	GGLS-DA (CDC.CY3)		
Description	Gamma Ray		
Manufacture	QSA Global		
Activity	64 GBq (1.7 Ci)		
Serial No.	A2648		
Isotope	Cs-137		
Depth	9256 ft MD		
Leak test date	8/19/2013		
Leak test results	0.105 Bq		

Tool string (head to bottom)

Hole conditions

Hole packing off / Stuck pipe

Fishing attempts

Could not make additional fishing attempts due to well conditions and well control issues.

Comments (what happened to get stuck?, etc.):

Drilled to well TD @9733 ft MD and performed CBU. Performed a wiper trip and circulated at bottom until 21:00 27-Jan-14. Began POOH and drill string packed off. Jarred on pipe until 21:00 29-Jan-14. Ran freepoint with wireline and backed off pipe at 8850 ft MD at 08:00 30-Jan-14.



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: *CDCK8404*
 Description: *CDCK7425 Cs-137 OWL Source in GGLS-DA* Capsule: *X2170/1+GGLS*
 ANSI/ISO Classification: *97C66646* 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		Leakage Test		Contamination Test	Other Tests Description
	Measurement	Date	Type Date Passed	Type Date Passed	Type Date Passed	
<i>GGLS-DA-A-2648</i>	<i>1,280.00 nGy/sec (1,600.0mCi)</i>	<i>Jul-03-2006</i>	<i>M Jun-30-2006</i>		<i>A Oct-27-2006</i>	<i>SC-924CO 24</i>

Notes:
*CDCK7425 Source passed pressure test of 30,000 psi per SPS-L-1722 on 12 Sept 06. Passed through gauge No. SCH1999/4949.
 Immersion test and Vacuum Bubble Test are performed on the XI187 inner cell. Active Source model CDCK7425 is built
 to the specifications of SLB Model GSR-Z under drawing H40895D. Assembly passed through Dummy pocket.
 Cs-134 content <1% of total activity.
 Made in USA.*

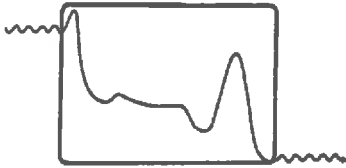
Customer: *SCHLUMBERGER TECH C/O NSSI*

Sales Order: *162276*

Oct-31-2006

Signed: 

Page 1 of 1



Monitoring Services

P.O. BOX 266677 . HOUSTON, TEXAS 77207-8677 . AREA CODE 713-478-6820 . FAX 281-532-0929
leaktest1@comcast.net

SEALED SOURCE LEAK TEST CERTIFICATE

RADIATION SAFETY
SCHLUMBERGER Anadrill Loc.1004
135 ROUSSEAU ROAD

CUSTOMER #: 2138

YOUNGSVILLE

LA
70592

SOURCE #: 37907

ACCOUNT #: 2138

RADIONUCLEIDE: CS-137 SOURCE CODE: GGLS-DA

ACTIVITY: 1.7 CI SERIAL NO: A2648

WIPE DATE: 8/19/2013

EFFICIENCY: 0.95

GROSS CPM: 26 BKG CPM: 20 NET CPM: 6

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

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: 2.84E-06 MICROCURIE
1.05E-01 Bq

ASSAY NO.: 8/29/2013 40 DATE: 8/30/2013

ASSAYED BY:

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

Schlumberger

FAX

To:	Ernie Jilek	Date:	Feb 24, 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 EPL Oil & Gas Inc., well information follows.

Regards,

Chuck

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



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

February 24, 2014

Attn: Ernie Jilek,

Please construct the standard abandonment plaque with the following information:

Company	EPL Oil & Gas Inc.
Well Name	OCS-G 00827 J002 ST02BP01
Field	Ship Shoal 209
API#	177114012003
Date of abandonment	February 02, 2014
Well depth	9733 ft MD
Plug back depth	8350 ft MD
Top of fish	8850 ft MD
Abandoned Source	Cs-137, 64 GBq (1.7 Ci), Gamma Ray @ 9256 ft MD

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

Please forward the completed plaque and invoice to me.

Sincerely,

Charles Deible
Radiation Safety Officer
Schlumberger U.S.