Schlumberger Technology Corporation

200 Gillingham Lane Sugar Land, TX 77478

## Schlumberger

RECEIVED JUL 2 6 2006 DNMS

July 23, 2006

United States Nuclear Regulatory Commission Region IV – Materials Inspection Branch 611 Ryan Plaza Drive, Suite 400 Arlington, Texas 76011

#### RE: Source Abandonment for Walter Oil and Gas Corporation: OCS-G 24464 001 ST01BP00

Dear Sir or Madam:

This letter is to confirm the abandonment of irretrievable sources in a well in accordance with Part 39, Section 39.77(d). Information for this abandonment is attached.

If you have any questions or require additional information, please contact me at 281-285-7460.

Sincerely,

Shomas d. Ann

Thomas S. Wood Deputy Radiation Safety Officer Schlumberger Technology Corporation

### Source Abandonment in Walter Oil & Gas Corp. Well: OCS-G 24464 001 ST01BP00

Date of Occurrence:	July 4, 2006
Source #1 Identification: Manufacturer: Model: Depth:	1.7 Ci, Cs 137, Density Source, Serial # A2480 AEA Technology, QSA Inc. CDC.CY3 (GGLS-DA) 9,930'
Well Identification:	Walter Oil & Gas Corp Well: OCS-G 24464 001 ST01BP00 Location: Garden Banks Block 223 API Number: 60-807-40672-01
Seal Results:	600' of 17.8 ppg Class H cement with Red Oxide Dye spotted in the annulus above the drill pipe; the top of the cement plug is located at 9,055'. Top of the drill pipe is at 9,655'. 260' of heavy weight drill pipe, collars, jars and stabilizers remain in the hole from 9,655' – 9,915'and will serve as the mechanical deflection device. A second cement plug was spotted from 7,394' – 7,494'. Multiple plugs set up hole for well abandonment.
Recovery Attempts:	Multiple attempts from 7/02/06 to 07/04/2006
Depth of Well:	9,985' MD (58.47° deviation)
Identification:	Plaque as required by Part 39 ordered and will be attached to the well.
Reports:	No other agency will receive a copy of this report.
Initial Telephone Contact:	07/04/06 @ 11:05 CDT Jack Whitten - NRC Region IV

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### **RADIATION FISHING & ABANDONMENT REPORT**

Offshore (OCS Waters)	and or State Lease Waters			
Date 03-Jul-06	Time 8:30 pm			
Company Name (Full Name) Walter Oil & Gas Corpor	ration			
Well Name or (OCS-G No. or State Lease No.) OCS-G	24464 001 ST01BP00			
Offshore State of Louisiana	Rig Name Ocean New Era			
API Number (If Available or CLSD) 608074067201				
Location of Lease Garden Banks Block 223				
County or Parish GOM	State Louisiana			
District D & M Youngsville	Sales Engr CJ Hattier			
TD 9985.0 ft Hole Size 8.5	Deviation 58.47			
Casing Depth 7494.0 ft	Casing Size 9 5/8"			
Depth of Fish (Top) 9655.0 ft	(Bottom) 9975.0 ft			
Source Type (1) Density Source	Source Type (2) PNG-C			
Source Activity (1) 63 GBq (1.7 Ci)	Source Activity (2) 59.2 GBq			
Serial No. (1) GGLS-D-A2480	Serial No. (2) 2117-41168			
Isotope (1) Cs-137	Isotope (2) Neutron generator			
Depth (1) 9930.0 ft	Depth (2) 9922.0 ft			
Leak Test Date (1) 6/28/2006	Leak Test Date (2)			
Leak Test Results (1) Certificate attached.	Leak Test Results (2)			
Tool String (Head to Bottom EcoScope				
Date and Time Stuck 02-Jul-06 @ 11:00 am				
Date and Time Cement Pumped 04 July 2006 @07:45 a.m.				
Hole Conditions Differential sticking				

Fishing Attempts See Comments below

Comments (what happened to get stuck?, etc.,): <u>At 11:00 am on July 2, 2006 Total Depth of 9985 ft MD</u> was reached. The driller pulled the stand back up 10 ft to rack back in order to begin back reaming out of the hole. With the pumps up the TopDrive was un-torqued and separated from the stand. The stand was immediately racked back and it was attempted to pull the next stand out, but the string would not move more than 15 ft and could not rotate more than 2 revolutions. Jarring while torque was applied was attempted, and then working the pipe while circulating and lowering the mud weight. Continued jarring, and then Coastal Spot pill pumped down hole for increased lubricity. The pill was given 24 hrs to work, while waiting attempted jarring every 20 minutes with no success. Decision to abandon in hole was made at 8:00 pm on July 3, 2006. 1<sup>st</sup> Cement plug set from 9,055' to 9,655' (600' plug) on July 4, 2006 at 7:45 am. Deflection device above the tool was 260' in length and composed of the following: MWD tool, Monel drill collar, XO, 3 drill collars, XO, 2 joints of heavy weight drill pipe. 2<sup>nd</sup> plug to be set up hole.

NOTE: Regulatory agencies should be contacted ONLY by the Schlumberger Technology Corporation (STC) Radiation Safety Officer or, if unavailable, his designee.

#### Notified: ⊠ NRC or □State of : NRC Region IV

Name:	Jack Whitten	Name:	
Date:	7/4/2006	Date:	
Time:	11:05 CDT	Time:	

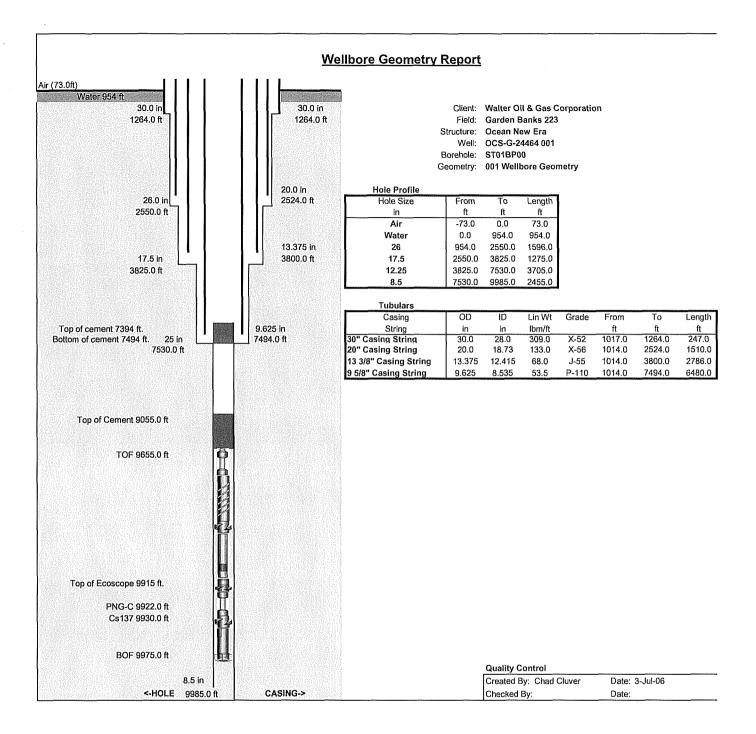
### ABANDONMENT

The following is a summary of NRC and/or Agreement States regulations that *must* be followed when abandoning an irretrievable well logging source(s). The specific regulations are found in 10 CFR 39.15 and equivalent regulations in Agreement States. An *irretrievable well logging source* means any licensed radioactive sealed source that becomes lodged in a well and cannot be retrieved after reasonable efforts have been made to recover the source(s).

- 1. If a well logging source is irretrievable, the following requirements must be implemented.
  - a) The source(s) must be immobilized and sealed in place with a cement plug. The cement has to be dyed red in Texas as a condition of the Texas Railroad Commission (others occasionally).
  - b) A mechanical deflection device must be set at some point in the well above the cement plug to prevent inadvertent intrusion on the source, unless the cement plug and sources(s) are not accessible to any subsequent drilling operations. The mechanical device can be devices such as a whipstock, old drill bit, etc. For LWD, drillpipe and/or collars left on top of the BHA usually are approved as a deflection device.
  - c) A permanent identification plaque, (supplied by your QHSE Manager) made of stainless steel (or brass, bronze and monel), must be mounted at the surface of the well unless the mounting of the plaque is not practical (i.e. subsea completion).
- 2. The STC RSO (or his designee) will notify the NRC or Agreement State of the abandonment plan developed by/with the client. The NRC or Agreement State must approve the abandonment plan prior to implementation. The federal and/or state oil and gas well permitting agency normally will also require that they approve the abandonment plan. The contact with the well permitting agency is the responsibility of the well owner/client but we should advise him/her of that fact as a courtesy.
- 3. If any changes must be made to the abandonment plan submitted to the NRC or Agreement State, the STC RSO must be informed so that he/she can get approval of the modification, as appropriate. The actual abandonment must not begin until any abandonment plan or modification to that plan is approved by the appropriate agency.
- 4. The STC Radiation Safety Officer must file a written report with the NRC or Agreement State within 30 days after the abandonment. The facility management should file a written report within 10 days to the STC Radiation Safety Officer via the Health, Safety and Environment Manager. The facility report should cover the final abandonment details such as:
  - a) Actual date of abandonment.
  - b) Any changes in the data sent with the approved abandonment plan.
  - c) A new well diagram if different from the that submitted with the approved abandonment plan.
  - d) Any information pertinent to the abandonment that the STC RSO may not have for his/her final report.
  - e) If all data sent to the STC RSO is still applicable for the final report, an e-mail or fax is to be sent to the STC RSO confirming that fact so that he/she can be ensured that the data sent to the appropriate agency is totally accurate. Most facilities send a completely new report since many these documents often are incomplete or are poor quality fax reproductions.

If there are any questions regarding these procedures, discuss them with your Operations Manager.

## FACILITY MANAGEMENT MUST ENSURE THAT THE FINAL ABANDONMENT REPORT IS SUBMITTED TO THE STC RADIATION SAFETY OFFICER.



BHA#

OCEAN New Era BOTTOM HOLE ASSEMBLY SHEET



Operator Lease		il & Gas		BIT #		JETS MAN.	<u>3(16) 1(14</u> Baliso H	) ches
Well No. 1		TYPE <u>mxL-1</u> SIZE <u>81/2</u>		S.N.#	Baken H-shes 5098900			
ITEM	SER. #	0. D.	I. D.	TOP CONN.	BTM. CONN.	F. N.	ITEM LENGTH	TOTAL LENGTH
Bik Bit	5098900	812		412RN	·	• .	179	
Mud motor	824	678		4'SIFB	HARB		27.80	28.59
8/2 Stah "IFloat		63/4	213/1LP	HhITHB	YILTEP	1.90	4.25	32.84
LWD	743	678x78	3"	STEFAR	4http		27.16	60.00
mwb	V713	7"	378	4/nFFB	5'hitte		29.73	89.73
Monel	66-30-0709	63/4	213/14	4/2JFB	4/2 JAP		29.12	118.85
Xo	450	6/21	219/14	4/2 FAB	41/2JFA		1.76	120.61
6" DC	36927	6/2	2'Yice	4 1/2 FHB	4'2 FHP	1.74	30.66	151.27
6' 00	15944	6/2	2'114	41/2FHB	412FHP	2.02	30.41	181.68
o" DC	34619	ما/ خا	2'5/14	4/2FHB	4/2 FHP	1.72	31.04	212,72
X0	CBLICG73	6"/14	2'3/10	412JF-B	4'h FHP		2.21	214.93
6-HW	Rig	612	3''	4'LJFB	4'LIFP		181.46	396.39
Jars	528417	6h	23/4	YHIFB	41/2 JFP	2.94	32.35	428.74
30-Hw	Ris	612	3,1	4/2IFB	41/2 IFP		602.50	1031.24
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Drill Collar Wt =	IZK							· · · · · · · · · · · · · · · · · · ·
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#### WALTER OIL & GAS CORPORATION OCS-G 24464, WELL NO. 001ST01BP00 GARDEN BANKS AREA BLOCK 223 <u>Proposed P&A Procedure</u>

SL: BHL: Well Depth: RKB: Water Depth: Mudline: Casing Program:	2566' FSL & 5068' FEL of Garden Banks Area Block 223 2992' FSL & 6309' FEL of Garden Banks Area Block 223 9985' MD / 9389' TVD 0073' 0954' 1027' 30" 309# X-56 D-60 MT Pipe Jetted to 1264' MD/TVD 20" 133# X-56 E-60 MT Casing Set at 2525' MD/TVD, TOC: ML 13-3/8" 68# J-55 BTC Casing Set at 3800' MD/TVD, TOC: ML 9-5/8" 53.5# P-110 LTC Casing Set at 7494' MD/TVD, TOC: ML
Hydrocarbon Zone:	9-5/8" 53.5# P-110 LTC Casing Set at 7494' MD/TVD, TOC: ML

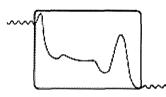
Hydrocarbon Zone: 9255' MD / 9000' TVD to 9758' MD / 9270' TVD

Fish: Bit, Mud Motor, 8-1/2" Stab., LWD, MWD, Monel, XO, 3 6-1/2" DC's, XO, 4 jts of HWDP = 320' Depth of nuclear source: 9930' MD (NRC approval attached) Top of Fish: 9655' MD Bottom of Fish: 9975' MD

#### Proposed P&A Procedure:

- 1. GIH open ended to TOF at 9655' MD. Mix and pump 237 cu ft of Class "H" cement and set cement plug at ±9655'-9055' to cover hydrocarbon zone .
- 2. POOH to 8000' and circulate bottoms up. POOH.
- GIH with 9-5/8" EZSV and set at ±7394' MD. Test backside to 1500 psi. Mix and pump 130 cu ft of cement. Sting into EZSV and pump 80 cu ft of cement below EZSV leaving 100' in open hole below 9-5/8" casing shoe.
- 4. Sting out of EZSV leaving 50 cu ft (100') of cement on top of EZSV.
- 5. POOH to ±7300', reverse out two (2) drill pipe volumes and POOH.
- 6. Pull 9-5/8" pack-off. Test 9-5/8" x 13-3/8" annulus to 500 psi. . Verbal approval from Mr. Steve Martinez on 07/07/06 not to test the annulus because there is cement to ML.
- 7. GIH and cut 9-5/8" at ±1057' MD (30' BML). POOH with 9-5/8" casing.
- 8. GIH and set 200' surface plug from ±1077 to 1277' (±50' to 250' BML) using 80 cu ft of cement.
- 9. Cut mud weight to 11.0 ppg.
- 10. Pull 13-3/8" pack-off. Test 13-3/8" x 20" annulus to 200 psi. Verbal approval from Mr. Steve Martinez on 07/07/06 not to test the annulus because there is cement to ML.
- 11. GIH and cut 13-3/8", 20" and 30" casings at ±1042' (±15' BML). Recover pipe.
- 12. Perform site clearance survey.
- 13. Pull anchors and move to next location.

Note: Verbal approval from Mr. Kassim Kassim with MMS to Mr. Wayne Holmes with Walter Oil & Gas Corporation on July 4, 2006 at 7:45 AM to proceed with Steps 1 through 5 above. Log and survey to be submitted to MMS.



### **Monitoring Services**

P.O. BOX 266677 . HOUSTON, TEXAS 77207-6677 . AREA CODE 713-478-6820 . FAX 281-532-0929

### SEALED SOURCE LEAK TEST CERTIFICATE

RADIATION SAFETY SCHLUMBERGER Anadrill Loc.100 135 ROUSSEAU ROAD		CUSTOMER #: 2138			
	LA 70592	SOURCE #: <u>36860</u>			
		ACOUNT #: <u>2138</u>			
RADIONULCIDE: <u>CS-137</u>		SOURCE CODE: GGLS-DA			
ACTIVITY: <u>1.7</u> CI		SERIAL N <u>O: A2480</u>			
WIPE DATE <u>6/28/2006</u>					
EFFICENCY: 0.95		_			
GROSS CPM: <u>36</u>	_ BKG CPM: <u>19</u>	NET CPM: <u>17</u>			
NET CPM EFF X 2.22x10^6 DPM/u Cl = 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) MICROCUIRE OR MORE OF ACTIVITY.					
THE REMOVABLE ACTIVITY WAS	S: <u>8.06E-06</u>				
	2.98E-01	Bq			
ASSAY NO.: 7/1/2006 20	DATE: _	7/1/2006			
	$\mathcal{P}$				

ASSAYED BY:

200 Gillingham Lane, MD 7 Sugar Land, Texas 77478 Tel 281-285-7460 Fax 281-285-8526

# Schlumberger

Fax		Date: July 23, 2006
То	Ernie Jilek	Fax: 985-727-2165
From	Tom Wood	Tel: 281-285-7460 Fax: 281-285-8526
Subject	Abandonment Plaque	Pages 2 (including cover)

Ernie,

Request for abandonment plaque, well information follows.

Regards,

Tom

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200 Gillingham Lane SugarlLand, Texas 77478 Tel 281-285-8500

## Schlumberger

Graphics N' Metal 1200 Clausel Street Mandenville, LA. 70448 (504) 669-6082 (985) 727-2165 (Fax)

July 24, 2006

Attn: Ernie Jilek,

Please construct the standard abandonment plaque with the following information:

Company: Walter Oil & Gas Corporation Well Name: OCS-G 24464 001 ST01BP00 Field: Garden Banks Block 223 State: Offshore Louisiana API#: 60 807 40672 01 Date of Abandonment: 7/4/2006 Well Depth: 9,985' MD Plug Back Depth: 9,055' Top of Fish: 9,655' Sources Abandoned: 63 GBg (1.7 Ci), Cs-137, Density Source @ 9,930' MD

Special Instructions: DO NOT RE-ENTER THIS WELL BEFORE CONTACTING GULF OF MEXICO OUTER CONTINENTAL SHELF (OCS) REGION OF MINERALS MANAGEMENT SERVICE (MMS)

Please forward to me the completed plaque and invoice.

Respectfully, hornes ) / Thomas S. Wood

#### MEMORY TRANSMISSION REPORT

PAGE : 001 TIME : JUL-24-06 03:20PM TEL NUMBER1: +281-285-8526 TEL NUMBER2: + NAME : Schlumberger Technology Corp. FILE NUMBER : 982 DATE JUL-24 03:18PM : TO : **3**919857272165 DOCUMENT PAGES 002 : START TIME : JUL-24 03:18PM END TIME : JUL-24 03:20PM SENT PAGES 002 : STATUS : OK FILE NUMBER : 982 \*\*\* SUCCESSFUL TX NOTICE \*\*\* Oilfiold Services Radiation/Explosives Compliance . 200 Gillingham Lane, MD 7 Sugar Land, Texos 77478 Tai 281-285-7480 Fax 281-285-8526 Schlumberger Fax Date: July 23, 2006 То Ernie Jilek Fax: 985-727-2165 From Tom Wood Tel: 281-285-7460 Fax: 281-285-8526 Subject Abandonment Plaque Pages 2 (including cover)

Ernie,

Request for abandonment plaque, well information follows.

Regards,

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