Schlumberger Technology Corporation

200 Gillingham Lane
Sugar Land, TX 77478

Schlumberger

June 9, 2008

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

RE: Source Abandonment for Anadarko Petroleum Corporation: OCS-G 16753 SS002 ST01

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,

Thomas S. Wood
Deputy Radiation Safety Officer
Schlumberger Technology Corporation

Source Abandonment for Anadarko Petroleum Corp.
Well: OCS-G 16753 SS002 ST01

Date of Occurrence:	May 30, 2008
Source #1	
Identification:	63GBq (1.7 Ci), Cs 137, Density Source, Serial # A2359
Manufacturer:	QSA Global, Inc.
Model:	CDC.CY3 (GGLS)
Depth:	32,302'
Well Identification:	Company: Anadarko Petroleum Corporation Well: OCS-G 16753 SS002 ST01 Location: Green Canyon 561 API Number: 608 1140 51102
Seal Results:	1,000' of 16.2 ppg Class H (+ 35% BWOC silica flour + 4% BWOC KCl + retarder) cement with red oxide dye was spotted in the annulus above the top of the severed pipe from 31,500' to 30,500'. A second 750' cement plug was set from 30,150' to 29,400. A third 450' cement plug was set from 28,300 to 27,850'. A fourth 750' cement plug was set from 27,850' to 27,100'. In addition to the ~ 700' of heavy weight drill pipe, collars, jars, stabilizers and logging tool remaining on top of the source from 32,302' to 31,595', the casing liner set above the cement plug at the KOP will serve as the mechanical deflection.
Recovery Attempts:	Multiple attempts from 5/26/2008 to 5/30/2008
Depth of Well:	32,404' MD (25.07° 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:	5/27/2008 @ 14:01 CDT Chuck Cain - NRC Region IV

Schlumberger

RADIATION FISHING & ABANDONMENT REPORT

☑ Offshore (OCS Waters) ☐ Land or State Lease Waters

Date: 27-May-2008 Time: 10:30

Company Name (Full Name): Anadarko Petroleum Corporation

Well Name or (OCS-G No. or State Lease No.): OCS-G 16753 SS002 ST01BP00

Offshore State of: Louisiana Rig Name: Belford Dolphin

API Number (If Available or CLSD): 608-1140-51102 Field Name: Green Canyon 561

Lease Location (legal): Green Canyon 561

County or Parish State:

District: NGC- Youngsville Sales Engr: Paul Neil

TD: 32,404' MD Hole Size: 8.5" Deviation: 25.07 °

Casing Depth: 27,314' MD Casing Size: 9.875"

Depth of Fish (Top): 31,595' Bottom of Fish: 32,333' MD

Source Type (1): GGLS Density Source Source Type (2): PNG (minitron)

Source Activity (1): 63GBq (1.7Ci) Source Activity (2): 74 GBq (2Ci)

Serial No. (1): A2359 Serial No. (2): 2200-4127

Isotope (1): Cs-137 Isotope (2): H-3

Depth (1): 32,302' Depth (2): 32,294'

Leak Test Date (1): 20-Nov-2007 Leak Test Date (2): N/A

Leak Test Results (1): 0.1228 Bq (3.319E-006 uCi) Leak Test Results (2): N/A

Tool String (Head to Bottom: See Attached BHA

Date and Time Stuck: 26-May-08 @ 15:45

Date and Time Cement Pumped: 30-May-08 @ 10:25 CDT

Hole Conditions: Highly overbalanced

Fishing Attempts: Jarred from 17:45 on 26-May-08 to 06:00 on 27-May-08. Rig up to run free point on WL.

Comments (what happened to get stuck?, etc.,): Finished pump off pressure test with StethScope and could Not break free of the formation. Several attempts were made to jar and break the pipe and BHA free.

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:	Chuck Cain	**Name:**	
Date:	27-May-2008	**Date:**	
Time:	14:01 CDT (via email)	**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 the STC RSO) 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 must also 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 7 days to the STC Radiation Safety Officer. 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) Detailed Well Schematic depicting location and depth of tool(s), source(s), drill pipe, plugs, deflection device etc.

    d) Any information pertinent to the abandonment that the STC RSO may not have for his/her final report.

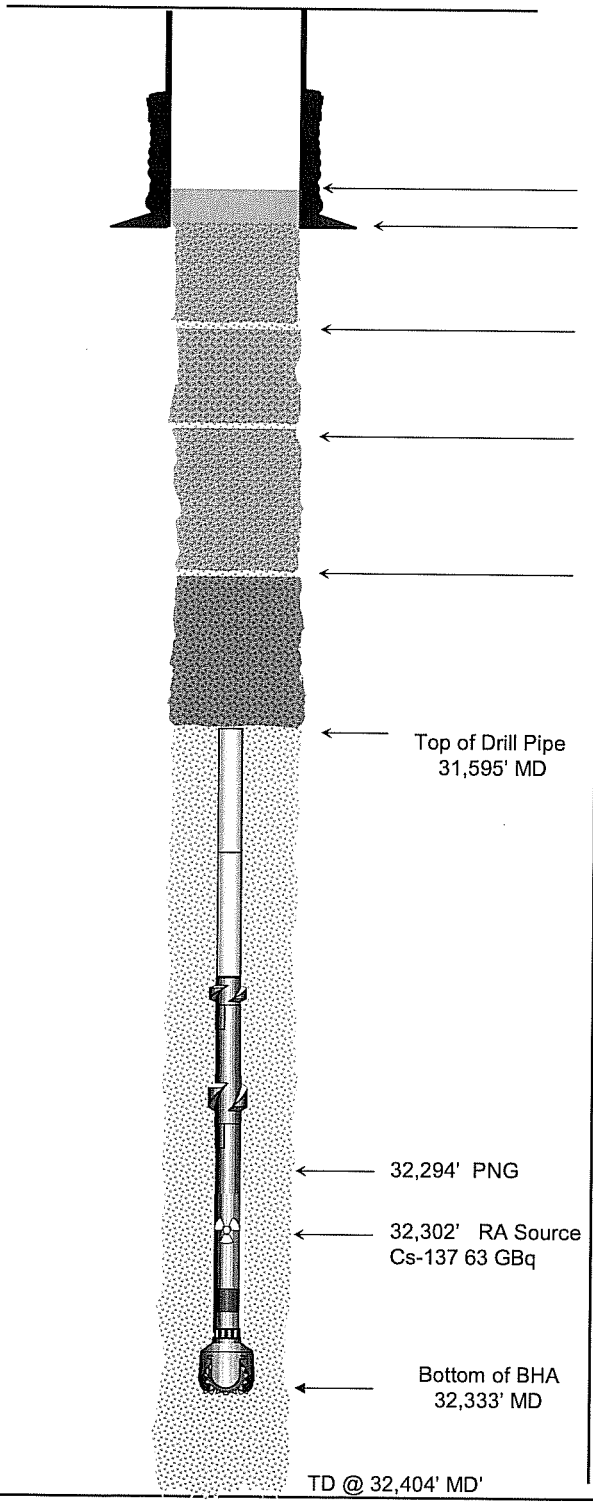
    e) If all data sent to the STC RSO is still applicable for the final report, an e-mail or fax is to be sent to the STC RSO confirming that fact so that he/she can be ensured that the data sent to the appropriate agency is totally accurate. Most facilities send a completely new report since many these documents often are incomplete or are poor quality fax reproductions.

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

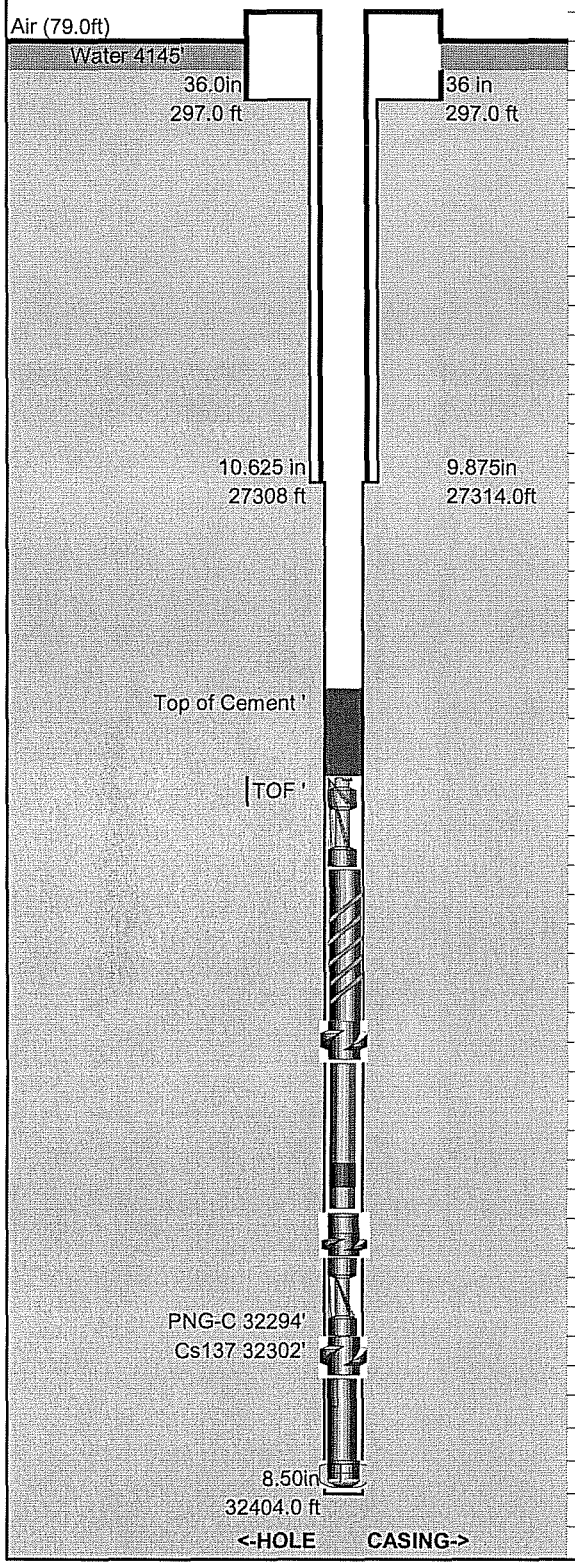
FACILITY MANAGEMENT MUST ENSURE THAT THE FINAL ABANDONMENT REPORT IS SUBMITTED TO THE STC RADIATION SAFETY OFFICER.

Anadarko Petroleum Corp.

OCS-G 16753 SS002 ST01

Wellbore Diagram	Casing/*Hole Size*
	Top of Cement Plug #4 ~27,100' ***9 7/8" Csg @ 27,314' MD*** Top of Cement Plug #3 ~27,850' Top of Cement Plug #2 ~29,400' Top of Cement Plug #1 ~30,500'

Wellbore Geometry Report



Client:	**Anadarko Petroleum Corporation**
Field:	**Green Canyon 561**
Structure:	**Belford Dolphin**
Well:	**OCS-G 16753 SS002**
Borehole:	**ST01BP00**
Geometry:	**J-Type**

Hole Profile

Hole Size	From	To	Length
in	ft	ft	ft
Air	0.0	79.0	79.0
Water	79.0	4224.0	4145.0
36	4224.0	4521.0	297.0
32.5	4521.0	5150.0	629.0
26	5150.0	7730.0	2580.0
22	7730	12615	4885.0
19.5	12615.0	16064.0	3449.0
16	16064.0	19932.0	3868.0
14.5	19932.0	23092.0	3160.0
10.625	23092.0	27308.0	4216.0
8.5	27308.0	32404.0	5096.0

Tubulars

Casing String	OD in	ID in	Lin Wt lbm/ft	Grade	From ft
36" Casing String	36"		428.0		4224.0
28" Casing String	28"		218.0	X-52	4214.0
22" Casing String	22"		129	X-80	4214
17.875" Liner	17.875"		93.5	P-110	6300
16" Casing String	16"		97	P-110	4214
13.625 " Casing String	13.625"		88.2	HCQ-125	4214
11.875" Liner	11.875"		71.8	HCQ-125	19599
9.875" Liner	9.875"		62.8		22859

Quality Control

Created By: champion1	Date:
Checked By:	Date:

OCS-G-16753
GREEN CANYON 561 #2 ST01 BP00
PLUG BACK PROCEDURE

1. RIH with string shot and back off the drill pipe just above the jars @ +/- 31,595'.

2. POH with drillpipe.

3. RIH with open ended drillpipe to 31,500' MD.

4. Circulate bottoms up.

5. Place a 1,000' balanced cement plug from 30,500' – 31,500' MD. This plug will contain red marker dye.

6. Pull up to 30,150' MD.

7. Circulate and spot a 750' balanced cement plug from 29,400' – 30,150' MD.

8. Pull up to 28,300' MD.

9. Circulate and spot a 450' balanced cement plug from 27,850' – 28,300' MD.

10. Pull up to 27,850' MD.

11. Circulate and spot a 750' balanced cement plug from 27,100' – 27,850'. This plug will be across the 11-7/8" casing shoe.

12. Pull 3 stands. Circulate bottoms up. POH w OEDP.

13. RIH with 11-7/8" EZSV and set it at +/- 22,800' MD. POH. Pressure test the 11-7/8" EZSV plug to 1,000 psi.

14. RIH with 13-5/8" EZSV and set it at +/- 19,550' MD.

15. Prepare to sidetrack the well. The next sidetrack will be kicked off at +/- 19,550' at an azimuth of +/- 90 degr from surface. (Note the sidetrack that is being plugged in this procedure has an azimuth of +/- 254 degr from surface.)

All cement plugs will be 16.2 ppg slurries: Class H cement + 35% BWOC silica flour + 4% BWOC KCl + retarders, fluid loss and viscosity control agents. The slurry for plug #1 will contain red marker dye.

Schlumberger

JOB PROCEDURE

1st Plug @ 30,500-31500 MD

1 .Hold a pre-job safety meeting with Wellsite Leader and all rig personal involved in the cmt. Job. Discuss the following.
a.Pressure testing of lines before job. Hold test for 5 min.
b.Spacer,cement, and displacement volumes.
c.Procedure and order for pulling product out of silos.
d.Emergency and safety procedures (Contingency Plans).
e.Designate a person for each responsibility, such as dropping chemicals,weighing cmt., taking cmt. Samples etc.

2. Schlumberger to break circulation with MUDPUSH II SPACER 10bbls

3. Test lines to 3000psi.,

4. Schlumberger to pump 25bbls of MUDPUSH II SPACER @ 14.9ppg.

5 .Use cement tanks A

6. Mix and Pump 309 sks. H+4.0% M-117 BWOW+ 35% D-66 BWOC+.05gps D-47 +.16%BWOW D-182+.04gpsD-185A+.4gpsD-168+.01gpsD-194+.05gpsD-197 Density 16.2ppg, Yield 1.47, Total Liquid 5.922Fresh water, Thickening Time 4:54 Cmt. Slurry 81bbls

7. Pump 4bbls of MUDPUSH SPACER.

8. Turn over to Rig to displace 653.5bbls, or 5,492 strokes

9. Leave Schlumberger rigged to record job pressures.

10. END OF JOB: Total Displacement 679.5, under displace of 22 bbls

Cmt. in Place 10:25

OFFSHORE

Cementing Report

Well: GREEN CANYON 561 002		Report No.: 4	Report Date: 5/30/2008
Project: GREEN CANYON	Site: GREEN CANYON 561	Rig Name/No.: BELFORD DOLPHIN 29/29	
Event: DRILLING	Start Date: 4/11/2008 End Date:	Spud Date: 12/4/2007	
Active Datum: RKB @79.00ft (above Mean Sea Level)	UWI: GC 561 OCSG 16753 002		

General Information

Job Type: Plug Job Desc: Cement Plug # 2 Job Start Date/Time: 5/30/2008 12:00AM Job End Date/Time: 5/30/2008 3:15PM N2 Used: N CO2: N Zone Isolated: N

Contractor: DOWELL SCHLUMBERGER Arrival Date/Time: Cementer:

Assembly: Tubing/Casing Size: MD Landed: Hole Size:

Ground Temp: Air Temp: Seabed Temp: Annulus Temp: BHT:

Pipe Movement

Pipe Movement:

Rotating Date/Time (start-End): Rotating RPM: Rotating Torque (init/avg/max): (ft-lbf)

Reciprocating Date/Time (start-End): Recip Drag Up/Down: - (kip) SPM: Stroke Length:

Plug Detail

Plug Type: PLUG BACK Plug MD Top: 29,400.0 (ft) Plug MD Base: 30,150.0 (ft) Drilled Out: Drilled Out Date:

Pipe Pull Rate: 2.6 (ft/s) Pipe Pulled Wet: Y WOC Time: 0.00

Plug Status

Stage No.	Top (ft)	Base (ft)	Date	Status	Comments
2	29,400.0	30,150.0	5/30/2008	SET	P&A

Fluids (1 of 2)

Fluid Name: MUD PUSH II

Fluid Type: SPACER

Additives

Name	Type	Amount	Units	Concentration (lbf/100ft²)	Concentration Unit
D-66	SILICA		% BWOC	35.000	
M-117	ACCELERATOR		% BWOW	4.000	
D-144	ANTI FOAM		GAL/SACK	0.050	
D-182	TURB SPACER		% BWOW	0.160	
D-185A	DISPERSENT		GAL/SACK	0.040	
D-168	FLUID LOSS		GAL/SACK	0.400	
D-194	RETARTER		GAL/SACK	0.010	
D-197	RETARTER ACC		GAL/SACK	0.020	

Fluids (2 of 2)

Fluid Name: SALT BLEND

Fluid Type: LEAD

OFFSHORE

Cementing Report

Well: GREEN CANYON 561 002			
Project: GREEN CANYON	Site: GREEN CANYON 561	Report No.: 3	Report Date: 5/30/2008
Event: DRILLING	Start Date: 4/11/2008 End Date:	Rig Name/No.: BELFORD DOLPHIN 29/29	
Active Datum: RKB @79.00ft (above Mean Sea Level)	UWI: GC 561 OCSG 16753 002	Spud Date: 12/4/2007	

General Information

Job Type: Plug Job Desc: Cmt Plug # 1 Job Start Date/Time: 5/30/2008 12:00AM Job End Date/Time: 5/30/2008 10:25AM N2 Used: N CO2: N Zone Isolated: N

Contractor: DOWELL SCHLUMBERGER Arrival Date/Time: Cementer:

Assembly: Tubing/Casing Size: MD Landed: Hole Size:

Ground Temp: Air Temp: Seabed Temp: Annulus Temp: BHT:

Pipe Movement

Pipe Movement:

Rotating Date/Time (start-End):

Reciprocating Date/Time (start-End):

Rotating RPM: Rotating Torque (init/avg/max): (ft-lbf)

Recip Drag Up/Down: - (kip) SPM: Stroke Length:

Plug Detail

Plug Type: PLUG BACK Plug MD Top: 30,500.0 (ft) Plug MD Base: 31,500.0 (ft) Drilled Out: Drilled Out Date:

Pipe Pull Rate: 2.6 (ft/s) Pipe Pulled Wet: Y WOC Time: 0.00

Plug Status

Stage No.	Top (ft)	Base (ft)	Date	Status	Comments
1	30,500.0	31,500.0	5/30/2008	SET	P&A

Fluids (1 of 2)

Fluid Name: MUD PUSH II

Fluid Type: SPACER

Additives

Name	Type	Amount	Units	Concentration (lbf/100ft²)	Concentration Unit
D-66	SILICA		% BWOC	35.000	
M-117	ACCELERATOR		% BWOW	4.000	
D-182	TURB SPACER		% BWOW	0.160	
D-47	ANTI FOAM		GAL/SACK	0.020	
D-168	FLUID LOSS		GAL/SACK	0.400	
D-197	RETARTER ACC		GAL/SACK	0.050	
D-194	RETARTER		GAL/SACK	0.010	
D-185A	DISPERSENT		GAL/SACK	0.040	

Fluids (2 of 2)

Fluid Name: SALT BLEND

Fluid Type: LEAD

OFFSHORE

Cementing Report

Well: GREEN CANYON 561 002			
Project: GREEN CANYON	Site: GREEN CANYON 561	Report No.: 3	Report Date: 5/30/2008
Event: DRILLING	Start Date: 4/11/2008 End Date:	Rig Name/No.: BELFORD DOLPHIN 29/29	
Active Datum: RKB @79.00ft (above Mean Sea Level)	UWI: GC 561 OCSG 16753 002	Spud Date: 12/4/2007	

Additives

Name	Type	Amount	Units	Concentration (lbf/100ft²)	Concentration Unit
D-66	SILICA		% BWOC	35.000	
M-117	ACCELERATOR		% BWOW	4.000	
D-182	TURB SPACER		% BWOW	0.160	
D-47	ANTI FOAM		GAL/SACK	0.020	
D-168	FLUID LOSS		GAL/SACK	0.400	
D-197	RETARTER ACC		GAL/SACK	0.050	
D-194	RETARTER		GAL/SACK	0.010	
D-185A	DISPERSENT		GAL/SACK	0.040	

Stages

Stage No.	Type	MD Top (ft)	MD Base (ft)	Hole Size (")	Initial/Final Casing Pressure (psi)	Circulate Flow Rate (gpm)	Circulate Press (psi)	Circulate Prior (hr)	Vol Returns (bbl)	Total Mud Lost (bbl)
1	ABANDONMENT PLUG	30,500.0	31,500.0	8-1/2					729.2	0.0

Pumping Schedule

Fluid Pumped	Volume (bbl)	Rate (bbl/min)	Slurry Top MD (ft)	Slurry Base MD (ft)	Disp Rate Final (bbl/min)	Disp Pressure Final (psi)	Top Of Fluid (ft)	Pumping Start Date/Time	Pumping End Date/Time	Operation	Shutdown Time (min)	Foam Job	Foam Gas Type	Foam Gas Vol Used (scf)
SALT BLEND - LEAD	78.4	5.0	30,500.00	31,500.00	5.00	4,500.00	30,000.0	5/30/2008 8:26AM	5/30/2008 10:15AM	P&A	120.00	N		

Remarks

Mix & Pump 300 SXS of Class "H" CMT (78.4 bbls)+ 4.0% M-117 + 35% D-66 + 0.05 GPS D-144 + 16% D-182 + 0.04 GPS D-185A + 0.4 GPS D-168 + 0.1 GPS D-194 + 0.03 GPS D-197. Displaced with 4. bbls of 14.8 PPG Mud Push II Spacer and 646.2 bbls of 13.5 PPG SBM.
Cement plug from 30,500' to 31,500'.

OFFSHORE

Cementing Report

Well: GREEN CANYON 561 002			
Project: GREEN CANYON	Site: GREEN CANYON 561	Report No.: 4	Report Date: 5/30/2008
Event: DRILLING	Start Date: 4/11/2008 End Date:	Rig Name/No.: BELFORD DOLPHIN 29/29	
Active Datum: RKB @79.00ft (above Mean Sea Level)	UWI: GC 561 OCSG 16753 002	Spud Date: 12/4/2007	

Stages

Stage No.	Type	MD Top (ft)	MD Base (ft)	Hole Size (")	Initial/Final Casing Pressure (psi)	Circulate Flow Rate (gpm)	Circulate Press (psi)	Circulate Prior (hr)	Vol Returns (bbl)	Total Mud Lost (bbl)
2	ABANDONMENT PLUG	29,400.0	30,150.0	8-1/2					674.6	0.0

Pumping Schedule

Fluid Pumped	Volume (bbl)	Rate (bbl/min)	Slurry Top MD (ft)	Slurry Base MD (ft)	Disp Rate Final (bbl/min)	Disp Pressure Final (psi)	Top Of Fluid (ft)	Pumping Start Date/Time	Pumping End Date/Time	Operation	Shutdown Time (min)	Foam Job	Foam Gas Type	Foam Gas Vol Used (scf)
SALT BLEND - LEAD	52.6	5.0	29,400.00	30,150.00	5.00	4,500.00	29,100.0	5/30/2008 1:30PM	5/30/2008 3:15PM	P&A	120.00	N		

Remarks

Pump 10 BBL 14.8 PPG Mud Push II Spacer. Test Lines to 5000 PSI. Pump 25 BBL 14.8 PPG Mud Push II Spacer. Mix & Pump 59.1 BBL CMT, 227 sxs Class H + 35% BWOC D066 silica +M117 (salt bl cement, Slurry wt 16.2 PPG, Yield 1.47 Cu/Ft Sk. Dispalce with 4.5 Bbls 14.8 PPG Mud Push II spacer and 611 bbls of 13.5 PPG SBM. Cement plug from 30,150' to 29,400'.

Schlumberger

JOB PROCEDURE

2nd Plug @ 29,400-30,150 MD

1 .Hold a pre-job safety meeting with Wellsite Leader and all rig personal involved in the cmt. Job. Discuss the following.
a.Pressure testing of lines before job. Hold test for 5 min.
b.Spacer,cement, and displacement volumes.
c.Procedure and order for pulling product out of silos.
d.Emergency and safety procedures (Contingency Plans).
e.Designate a person for each responsibility, such as dropping chemicals,weighing cmt., taking cmt. Samples etc.

2. Schlumberger to break circulation with MUDPUSH II SPACER 10bbls

3. Test lines to ~~3000~~ 5000 psi., psi.,

4. Schlumberger to pump 35bbls of MUDPUSH II SPACER @ 14.9ppg.

5 .Use cement tanks A

6. Mix and Pump 230 sks. H+4.0% M-117 BWOW+ 35% D-66 BWOC+.05gps D-47 +.16%BWOW D-182+.04gpsD-185A+.4gpsD-168+.01gpsD-194+.02gpsD-197 Density 16.2ppg, Yield 1.47, Total Liquid 5.912Fresh water, Thickening Time 4:54 Cmt. Slurry 60.5bbls

7. Pump 4bbls of MUDPUSH SPACER.

8. Turn over to Rig to displace 622.4bbls, or 5,230 strokes

9. Leave Schlumberger rigged up to record job pressures.

10. END OF JOB: Total Displacement 642.9, under displace of 16.5 bbls
Cmt. in Place 15:15

OFFSHORE

Cementing Report

Well: GREEN CANYON 561 002			
Project: GREEN CANYON	Site: GREEN CANYON 561	Report No.: 5	Report Date: 5/30/2008
Event: DRILLING	Start Date: 4/11/2008 End Date:	Rig Name/No.: BELFORD DOLPHIN 29/29	
Active Datum: RKB @79.00ft (above Mean Sea Level)	UWI: GC 561 OCSG 16753 002	Spud Date: 12/4/2007	

General Information

Job Type: Plug	Job Desc: Cement Plug # 3	Job Start Date/Time: 5/30/2008 12:00AM	Job End Date/Time: 5/30/2008 6:04PM	N2 Used: N	CO2: N Zone Isolated: N
Contractor: DOWELL SCHLUMBERGER		Arrival Date/Time:	Cementer:		
Assembly:		Tubing/Casing Size:	MD Landed:	Hole Size:	
Ground Temp:	Air Temp:	Seabed Temp:	Annulus Temp:	BHT:	

Pipe Movement

Pipe Movement:

Rotating Date/Time (start-End):

Reciprocating Date/Time (start-End):

Rotating RPM:

Recip Drag Up/Down: - (kip)

Rotating Torque (init/avg/max): (ft-lbf)

SPM: Stroke Length:

Plug Detail

Plug Type:	PLUG BACK	Plug MD Top:	27,850.0 (ft)	Plug MD Base:	28,300.0 (ft)	Drilled Out:	Drilled Out Date:
Pipe Pull Rate:	2.6 (ft/s)			Pipe Pulled Wet:	Y	WOC Time:	0.00

Plug Status

Stage No.	Top (ft)	Base (ft)	Date	Status	Comments
3	27,850.0	28,300.0	5/30/2008	SET	P&A

Fluids (1 of 2)

Fluid Name: **MUD PUSH II**

Fluid Type: SPACER

Additives

Name	Type	Amount	Units	Concentration (lbf/100ft²)	Concentration Unit
D-66	SILICA		% BWOC	35.000	
M-177	ACCELERATOR		% BWOW	4.000	
D-144	ANTI FOAM		GAL/SACK	0.050	
D-182	TURB SPACER		% BWOW	0.160	
D-185A	DISPERSENT		GAL/SACK	0.040	
D-168	FLUID LOSS		GAL/SACK	0.400	
D-194	RETARTER		GAL/SACK	0.010	
D-197	RETARTER ACC		GAL/SACK	0.020	

Fluids (2 of 2)

Fluid Name: **SALT BLEND**

Fluid Type: LEAD

OFFSHORE

Cementing Report

Well: GREEN CANYON 561 002		Report No.: 5	Report Date: 5/30/2008
Project: GREEN CANYON	Site: GREEN CANYON 561	Rig Name/No.: BELFORD DOLPHIN 29/29	
Event: DRILLING	Start Date: 4/11/2008 End Date:	Spud Date: 12/4/2007	
Active Datum: RKB @79.00ft (above Mean Sea Level)	UWI: GC 561 OCSG 16753 002		

Stages

Stage No.	Type	MD Top (ft)	MD Base (ft)	Hole Size (")	Initial/Final Casing Pressure (psi)	Circulate Flow Rate (gpm)	Circulate Press (psi)	Circulate Prior (hr)	Vol Returns (bbl)	Total Mud Lost (bbl)
3	ABANDONMENT PLUG	27,850.0	28,300.0	8-1/2					610.5	0.0

Pumping Schedule

Fluid Pumped	Volume (bbl)	Rate (bbl/min)	Slurry Top MD (ft)	Slurry Base MD (ft)	Disp Rate Final (bbl/min)	Disp Pressure Final (psi)	Top Of Fluid (ft)	Pumping Start Date/Time	Pumping End Date/Time	Operation	Shutdown Time (min)	Foam Job	Foam Gas Type	Foam Gas Vol Used (scf)
SALT BLEND - LEAD	36.0	5.0	27,800.00	28,300.00	5.00	4,500.00	27,300.0	5/30/2008 6:03PM	5/30/2008 7:46PM	P&A	105.00	N		

Remarks

Pump 10 BBls of 14.8 PPG Mud Push II Spacer, Test lines to 5000 psi, Pump 25 bbls of 14.8 PPG Mud Push II Spacer, mixed and pumped 35.5 BBLS (137 sxs) Class H cement w/ +35% BWOC D066 Sili M117 (Salt Blend). 16.2 PPG. Displace with 4 bbls of 14.8 PPG Mud Push II Spacer and 571 bbls of 13.5 PPG SBM.
Cement plug from 28,300' to 27,850'.

Schlumberger

JOB PROCEDURE

3rd Plug @ 27,850-28,300 MD
450'

1 .Hold a pre-job safety meeting with Wellsite Leader and all rig personal involved in the cmt. Job. Discuss the following.
a.Pressure testing of lines before job. Hold test for 5 min.
b.Spacer,cement, and displacement volumes.
c.Procedure and order for pulling product out of silos.
d.Emergency and safety procedures (Contingency Plans).
e.Designate a person for each responsibility, such as dropping chemicals,weighing cmt., taking cmt. Samples etc.

2. Schlumberger to break circulation with MUDPUSH II SPACER 10bbls

5000 psi,

3. Test lines to ~~3000~~psi.,

4. Schlumberger to pump 25bbls of MUDPUSH II SPACER @ 14.9ppg.

5 .Use cement tanks A

6. Mix and Pump 138 sks. H+4.0% M-117 BWOW+ 35% D-66 BWOC+.05gps D-47 +.16%BWOW D-182+.04gpsD-185A+.4gpsD-168+.01gpsD-194+.02gpsD-197 Density 16.2ppg, Yield 1.47, Total Liquid 5.912Fresh water, Thickening Time 4:54 Cmt. Slurry 36bbls

7. Pump 4bbls of MUDPUSH SPACER.

8. Turn over to Rig to displace 579bbls,or 4,865.5 strokes

9. Leave Schlumberger rigged up to record job pressures.

10. END OF JOB: Total Displacement 593, under displace of 10 bbls

Cmt. in Place 19:46

OFFSHORE

Cementing Report

Well: GREEN CANYON 561 002			
Project: GREEN CANYON	Site: GREEN CANYON 561	Report No.: 6	Report Date: 5/30/2008
Event: DRILLING	Start Date: 4/11/2008 End Date:	Rig Name/No.: BELFORD DOLPHIN 29/29	
Active Datum: RKB @79.00ft (above Mean Sea Level)	UWI: GC 561 OCSG 16753 002	Spud Date: 12/4/2007	

General Information

Job Type:	Plug	Job Desc: Cement Plug # 4	Job Start Date/Time:	5/30/2008 12:00AM	Job End Date/Time	5/30/2008 11:25PM	N2 Used: N CO2: N Zone Isolated: N
Contractor:	DOWELL SCHLUMBERGER		Arrival Date/Time:		Cementer:		
Assembly:	INTERMEDIATE CASING 2		Tubing/Casing Size:	9-7/8 (")	MD Landed:	27,304.9 (ft)	Hole Size: 12-1/4 (")
Ground Temp:		Air Temp:	Seabed Temp:		Annulus Temp:		BHT:

Pipe Movement

Pipe Movement:

Rotating Date/Time (start-End):

Reciprocating Date/Time (start-End):

Rotating RPM:

Recip Drag Up/Down: - (kip)

Rotating Torque (init/avg/max): (ft-lbf)

SPM: Stroke Length:

Plug Detail

Plug Type:	PLUG BACK	Plug MD Top:	27,100.0 (ft)	Plug MD Base:	27,850.0 (ft)	Drilled Out:	Drilled Out Date:
Pipe Pull Rate:	2.6 (ft/s)			Pipe Pulled Wet:	Y	WOC Time:	0.00

Plug Status

Stage No.	Top (ft)	Base (ft)	Date	Status	Comments
4	27,100.0	27,850.0	5/30/2008	SET	P&A

Fluids (1 of 2)

Fluid Name: **MUD PUSH**

Fluid Type: SPACER

Additives

Name	Type	Amount	Units	Concentration (lbf/100ft²)	Concentration Unit
D-66	SILICA		% BWOC	35.000	
M-117	ACCELERATOR		% BWOW	4.000	
D-144	ANTI FOAM		GAL/SACK	0.050	
D-182	TURB SPACER		% BWOW	0.160	
D-185A	DISPERSENT		GAL/SACK	0.040	
D-168	FLUID LOSS		GAL/SACK	0.400	
D-194	RETARTER		GAL/SACK	0.010	
D-197	RETARTER ACC		GAL/SACK	0.020	

Fluids (2 of 2)

Fluid Name: **SALT BLEND**

Fluid Type: LEAD

OFFSHORE

Cementing Report

Well: GREEN CANYON 561 002		Report No.: 6	Report Date: 5/30/2008
Project: GREEN CANYON	Site: GREEN CANYON 561	Rig Name/No.: BELFORD DOLPHIN 29/29	
Event: DRILLING	Start Date: 4/11/2008 End Date:	Spud Date: 12/4/2007	
Active Datum: RKB @79.00ft (above Mean Sea Level)	UWI: GC 561 OCSG 16753 002		

Stages

Stage No.	Type	MD Top (ft)	MD Base (ft)	Hole Size (")	Initial/Final Casing Pressure (psi)	Circulate Flow Rate (gpm)	Circulate Press (psi)	Circulate Prior (hr)	Vol Returns (bbl)	Total Mud Lost (bbl)
4	ABANDONMENT PLUG	27,100.0	27,850.0	9-7/8					611.8	0.0

Pumping Schedule

Fluid Pumped	Volume (bbl)	Rate (bbl/min)	Slurry Top MD (ft)	Slurry Base MD (ft)	Disp Rate Final (bbl/min)	Disp Pressure Final (psi)	Top Of Fluid (ft)	Pumping Start Date/Time	Pumping End Date/Time	Operation	Shutdown Time (min)	Foam Job	Foam Gas Type	Foam Gas Vol Used (scf)
SALT BLEND - LEAD	57.8	5.0	27,100.00	27,850.00	5.00	4,500.00		5/30/2008 9:36PM	5/30/2008 11:25PM	P&A	120.00	N		

Remarks

Pump 10 bbls of 14.8 PPG Mud Push II Spacer, test lines to 5000 psi, Pump 40 bbls of 14.8 PPG Mud Push II Spacer, mixed and pumped 57.8 BBLS (222 sxs) Class H cement + 35% BWOC D066 Silica + (Salt Blend). 16.2 PPG. Displace with 6 bbls of 14.8 PPG Mud Push II Spacer and 548 bbls of 13.5 PPG SBM.
Cement plug from 27,850' to 27,100'.

Schlumberger

JOB PROCEDURE

4th Plug @ 27,100-27,850 MD
750'

1 .Hold a pre-job safety meeting with Wellsite Leader and all rig personal involved in the cmt. Job. Discuss the following.
a.Pressure testing of lines before job. Hold test for 5 min.
b.Spacer,cement, and displacement volumes.
c.Procedure and order for pulling product out of silos.
d.Emergency and safety procedures (Contingency Plans).
e.Designate a person for each responsibility, such as dropping chemicals,weighing cmt., taking cmt. Samples etc.

2. Schlumberger to break circulation with MUDPUSH II SPACER 10bbls

3. Test lines to ~~3000~~ 5000 psi.,

4. Schlumberger to pump 40bbls of MUDPUSH II SPACER @ 14.9ppg.

5 .Use cement tanks A

6. Mix and Pump 222 sks. H+4.0% M-117 BWOW+ 35% D-66 BWOC+.05gps D-47 +.16%BWOW D-182+.04gpsD-185A+.4gpsD-168+.01gpsD-194+.02gpsD-197 Density 16.2ppg, Yield 1.47, Total Liquid 5.912Fresh water, Thickening Time 4:54 Cmt. Slurry 58bbls

7. Pump 6.1bbls of MUDPUSH SPACER.

8. Turn over to Rig to displace 558.4bbls,or 4,692 strokes.

9. Leave Schlumberger rigged up to record job pressures.

10. END OF JOB: Total Displacement 581, under displace of 16.5 bbls
Cmt. in Place 23:25

Monitoring Services

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

SEALED SOURCE LEAK TEST CERTIFICATE

RADIATION SAFETY
SCHLUMBERGER Anadrill
Loc.1004
135 ROUSSEAU ROAD

Customer#: 2138

Source #: 36142

YOUNGSVILLE LA
70592

Account #: 2138

RADIONUCLIDE: CS-137
ACTIVITY: 1.7 CI
WIPE DATE: 11/20/2007
EFFICENCY: 0.95
GROSS CPM: 24 BKG CPM: 17

SERIAL NO: A2359
SOURCE CODE: GSRZ
NET CPM: 7

NET CPM
=MICROCURIE
EFF X 2.22x10^6 DPM/u CI

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: 3.319E-006 MICROCURIE
1.228E-001 Bq

ASSAY NO: 11/24/2007 8 DATE: 11/24/2007

ASSAYED BY:

Schlumberger Technology Corporation
Radiation/Explosive Compliance

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

Schlumberger

Fax

Date: June 9, 2008

To: 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 for **Anadarko Petroleum Corporation** well information follows.

Regards,

Tom

Schlumberger Technology Corporation
Radiation/Explosive Compliance

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

Schlumberger

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

June 9, 2008

Attn: Ernie Jilek,

Please construct the standard abandonment plaque with the following information:

Company: Anadarko Petroleum Corporation
Well Name: OCS-G 16753 SS002 ST01BP00
Field: Green Canyon 561
State: Offshore Louisiana
API#: 608-1140-51102
Date of Abandonment: May 30, 2008
Well Depth: 32,404' MD
Plug Back Depth: 27,100' MD
Top of Fish: 31,595' MD
Sources Abandoned: 63 GBq (1.7 Ci), Cs137, Density Source @ 32,302' 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,

Thomas S. Wood
Deputy Radiation Safety Officer
Schlumberger Technology Corporation

MEMORY TRANSMISSION REPORT

PAGE : 001
TIME : JUN-09-08 02:36PM
TEL NUMBER1: +281-285-8526
TEL NUMBER2: +
NAME : Schlumberger Technology Corp.

FILE NUMBER : 241

DATE : JUN-09 02:34PM

TO : ☎919857272165

DOCUMENT PAGES : 002

START TIME : JUN-09 02:34PM

END TIME : JUN-09 02:36PM

SENT PAGES : 002

STATUS : OK

FILE NUMBER : 241 *** SUCCESSFUL TX NOTICE ***

Schlumberger Technology Corporation
Radiation/Explosive Compliance

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

Schlumberger

Fax

Date: June 9, 2008

To: 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 for **Anadarko Petroleum Corporation** well information follows.

Regards,

Tom

ANADARKO PETROLEUM CORPORATION

OCS-G 16753 SS002 ST01BP00
GREEN CANYON 561
OFFSHORE LOUISIANA
API# 608-1140-51102

CAUTION

THE FOLLOWING SOURCE WAS ABANDONED ON 30 MAY 2008

63 GBq (1.7 Ci), Cs 137, DENSITY SOURCE AT 32,302 FT.MD.

WELL DEPTH @ 32,404 FT.MD.
PLUG BACK DEPTH @ 27,100 FT.MD.
TOP OF FISH @ 31,595 FT.MD.

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

wo 2008need 1 film pos rred at 100%
1ST PROOF FOR APPROVAL 6-17-2008 Schlumberger

>>>4.25 dmax