




UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TEXAS 76011-4005

June 8, 2005

MEMORANDUM TO: Michele L. Burgess, (MS-8F5)
Health Physicist, NMSS

FROM: Mark Shaffer, Chief
Nuclear Materials Inspection Branch 

SUBJECT: MATERIALS LICENSEE EVENT REPORT SUMMARY

Attached is the subject report for May 2005. In addition, attached is the licensee event report evaluation form, for the event closed in May 2005, detailing the Region's response to the events.

Attachment: As stated

ATTACHMENT 1

Region IV Table 1 DNMS LICENSEE EVENT REPORTS--OPENED MAY 2005							
REPORT DATE	EVENT DATE	DATE REC'D	LICENSEE	LICENSE NUMBER	REPORTING REQUIREMENT	DESCRIPTION	STATUS
05/05/05	05/05/05	05/06/05	Precision Energy Services, Inc. Fort Worth, TX	42-26891-01	10 CFR 39.77(c) and (d)	Irretrievable well logging sources: Offshore LA, Gulf of Mexico, Federal Waters; Forest Oil; Eugene Block 53, OCS-G 0479 #G1	Open
05/05/05	05/01/05	05/06/05	Baker Hughes Oilfield Operations, Inc., dba Baker Hughes-INTEQ Broussard, LA	17-27437-01	10 CFR 39.77(c) and (d)	Irretrievable well logging sources: Offshore, Gulf of Mexico, Federal Waters; Remington; Rig - Rowan Texas; East Cameron Block 185; OCS-G 22585 A004	Open
05/09/05	05/09/05	05/09/05	Pathfinder Energy Serices, Inc. Lafayette, LA	17-27623-01	10 CFR 39.77(c) and (d)	Irretrievable well logging sources: Offshore, Gulf of Mexico, Federal Waters; Pioneer Natural Resources; Rig - Arch Rowan; Eugene Island Blk 208; OCS-G 0577	Open
02/23/05	08/12/04	05/13/05	Southern California Edison SONGS, Unit 1	DPR-13	License Controlled Specification Surveillance Requirement 3.7.107.3	Amount of removable contamination on a leak test sample of a plutonium- beryllium neutron source exceeded reporting limits.	Open
05/29/05	05/29/05	05/31/05	Global X-Ray and Testing Corporation	LA-0577-L01 *	10 CFR 20.2201	Radiography exposure device containing and iridium-192 source fell overboard during a transfer from an offshore platform to a boat.	Open

- Agreement State Licensee working under reciprocity.

Region IV

Table 2

DNMS LICENSEE EVENT REPORTS
Previously Received and Still Under Review
Current for MAY 2005

REPORT DATE	EVENT DATE	DATE REC'D	LICENSEE	LICENSE NUMBER	REPORTING REQUIREMENT	DESCRIPTION	STATUS
07/16/04	07/16/04	07/19/04	Pacific Gas and Electric Company Humboldt Bay Power Plant	DPR-7	10 CFR 50.72(b)(2)(xi) and 10 CFR 20.2201(a)(1)(ii)	Material accountability discrepancy involving a portion of a spent fuel rod.	Open
01/24/05	01/24/05	02/01/05	Department of the U.S. Air Force	42-23539-01AF	10 CFR 20.2201	Two Chemical Agent Alarms containing 250 uCi of Am-241 each determined to be missing. See NRC Event #41352.	Open
02/22/05	02/04/05	02/22/05	Pacific Gas and Electric Company Humboldt Bay Power Plant Unit 3	DPR-7	10 CFR 20.2201(a)(1)(ii)	Missing in-core detectors containing about 0.15 gm Uranium-235.	Open

Region IV

Table 3

DNMS LICENSEE EVENT REPORTS—CLOSED MAY 2005
(See attached Licensee Event Report Evaluation Form)

REPORT DATE	EVENT DATE	DATE REC'D	LICENSEE	LICENSE NUMBER	REPORTING REQUIREMENT	DESCRIPTION	STATUS
04/22/05	4/22/05	4/22/05	Schlumberger technology Corporation Houston, Texas	42-00090-03	10 CFR 39.77(c) and (d)	Irretrievable well logging sources: Offshore LA, Gulf of Mexico, Federal Waters; Kerr-McGee Oil & Gas Corp; Rig - Noble Amos Runner; Green Canyon 30, OCS-G 25139	Closed

SEPARATOR SHEET

LICENSEE EVENT REPORT EVALUATION FORM

Page 1 of 3

EVENT CLASS: LAS - LOST/ABANDONED/STOLEN MATERIAL

LICENSEE / REPORTING PARTY INFORMATION: **Schlumberger Technology Corporation**

Licensee/Reporting party name:	Schlumberger Technology Corporation		
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?	Region IV
Working under reciprocity?	NO		

EVENT INFORMATION:

In what City and State did the event occur?	Offshore @ Green Canyon, OCS-G 25139
Event date :	April 22, 2005
Discovery date :	April 22, 2005
Report date :	April 22, 2005
Agreement State reportable?	NO
NRC reportable?	YES
Reporting regulation :	10 CFR 39.77(c)
NMED Item Number :	TBD

ADDITIONAL PARTIES INVOLVED: **NONE**

Name :
License number :
City :
State :

LICENSEE EVENT REPORT EVALUATION FORM

Page 2 of 3

EVENT CLASS: LAS - LOST/ABANDONED/STOLEN MATERIAL**DEVICE INFORMATION: NONE**

	DEVICE #1	DEVICE #2	DEVICE #3
Manufacturer :			
Model number :			
Serial number :			

RADIATION SOURCE INFORMATION:

	SOURCE #1	SOURCE #2	SOURCE #3
Isotope :	Cs-137	Am-241	
Activity :	1.7 Ci	10 Ci	
Manufacturer :	AEA Technology	Gammatron, Inc.	
Model number :	CDC.CY3	NSR-M (AN-HP)	
Serial number :	A2093	N342	

	SOURCE #4	SOURCE #5	SOURCE #6
Isotope :			
Activity :			
Manufacturer :			
Model number :			
Serial number :			

LICENSEE EVENT REPORT EVALUATION FORM

Page 3 of 3

EVENT CLASS: LAS - LOST/ABANDONED/STOLEN MATERIAL

NARRATIVE EVENT DESCRIPTION:

Tom Wood, licensee's assistant radiation safety officer, reported losing a LWD logging tool containing two licensed sources in the wellbore on April 22, 2005. Fishing operations were conducted between April 7-22, 2005, in which multiple attempts were made to fish the logging tool.

Mr. Wood notified Richard Leonardi with NRC RIV on April 22, 2005 via email @ 2:20 P.M. CST. Mr. Leonardi approved the licensee's proposed abandonment plan via telephone conversation the same day (April 22, 2005 @ 2:30 P.M.).

On April 26, 2005, the licensee completed the abandonment as proposed.

Licensee's 30-day report indicated that 2,370 feet of drill pipe was left over and on-top of the upper source as a deflection device, and 2,377 feet of cement placed on top of the two sources.

All requirements for source abandonment as proposed per Mr. Wood appear to meet 10 CFR 39.15.

Licensee's 30-day report was timely.

Details of the abandonment are discussed in the enclosed 30-day report dated May 9, 2005.

CORRECTIVE ACTIONS:

NONE

RECOMMENDED FOLLOWUP:

Was a reactive inspection conducted? **NO**

If so, inspection report number : **NA**

Is LER recommended for closure? **YES**

Is this NMED Item Number recommended to reflect "complete"? **YES**

LER Evaluator:

Approved By:

R. Leonardi

Date:

6/1/05

Date:

6/1/05

Well Logging Source Abandonments

LICENSEE: Schlumberger Technology Corporation

NRC License: 42-0090-03

Docket: 030-06388

Abandonment Location: Offshore Louisiana GoM @ Green Canyon 320, OCS-G 25139
001 ST00BPO1

Kerr-McGee Oil & Gas Corporation

Rig Name: Noble Amos Runner

Licensee's Notification To NRC: April 22, 2005 @ 2:10 P.M.

Source(s) Abandonment Date: April 22, 2005 @ ??????

NRC Person Approving Abandonment & Date/Time of Approval: Richard
Leonardi, 04/22/2005 @ 2:30 P.M.

Sources Abandoned: SEE ATTACHED

Description of Event: SEE ATTACHED

Source No. 1

Cs-137 @ 1.7 Curie

SN GSR-Z N34208212B

Source No. 2

Am-241 @ 16 Curies

SN NSR-U A22093

CC:

Sue Trifiletti

Applicable SAO

C:\SourceAbandonmentFORM.wpd

From: Tom Wood <woodt@sugar-land.oilfield.slb.com>
To: <ral@nrc.gov>
Date: 4/22/05 2:28PM
Subject: Fwd: Kerr McGee Amos Runner Source Abandonment

Richard,

Preliminary information regarding the source abandonment for Kerr McGee is attached.

Please don't hesitate to contact me should you have any questions or need additional information.

Regards,
Tom Wood

>Date: Fri, 22 Apr 2005 13:27:08 -0500
>From: Scott Miller <smiller1@youngsville.oilfield.slb.com>
>Subject: Kerr McGee Amos Runner Source Abandonment
>To: woodt@sugar-land.oilfield.slb.com
>Message-id: <6.1.1.1.2.20050422132327.02b7dec0@pop.nam.slb.com>
>Original-recipient: rfc822;woodt@sugar-land.oilfield.slb.com
>
>Here's the information.
>
>
>Scott
>
>
>

Schlumberger

RADIATION FISHING & ABANDONMENT REPORT

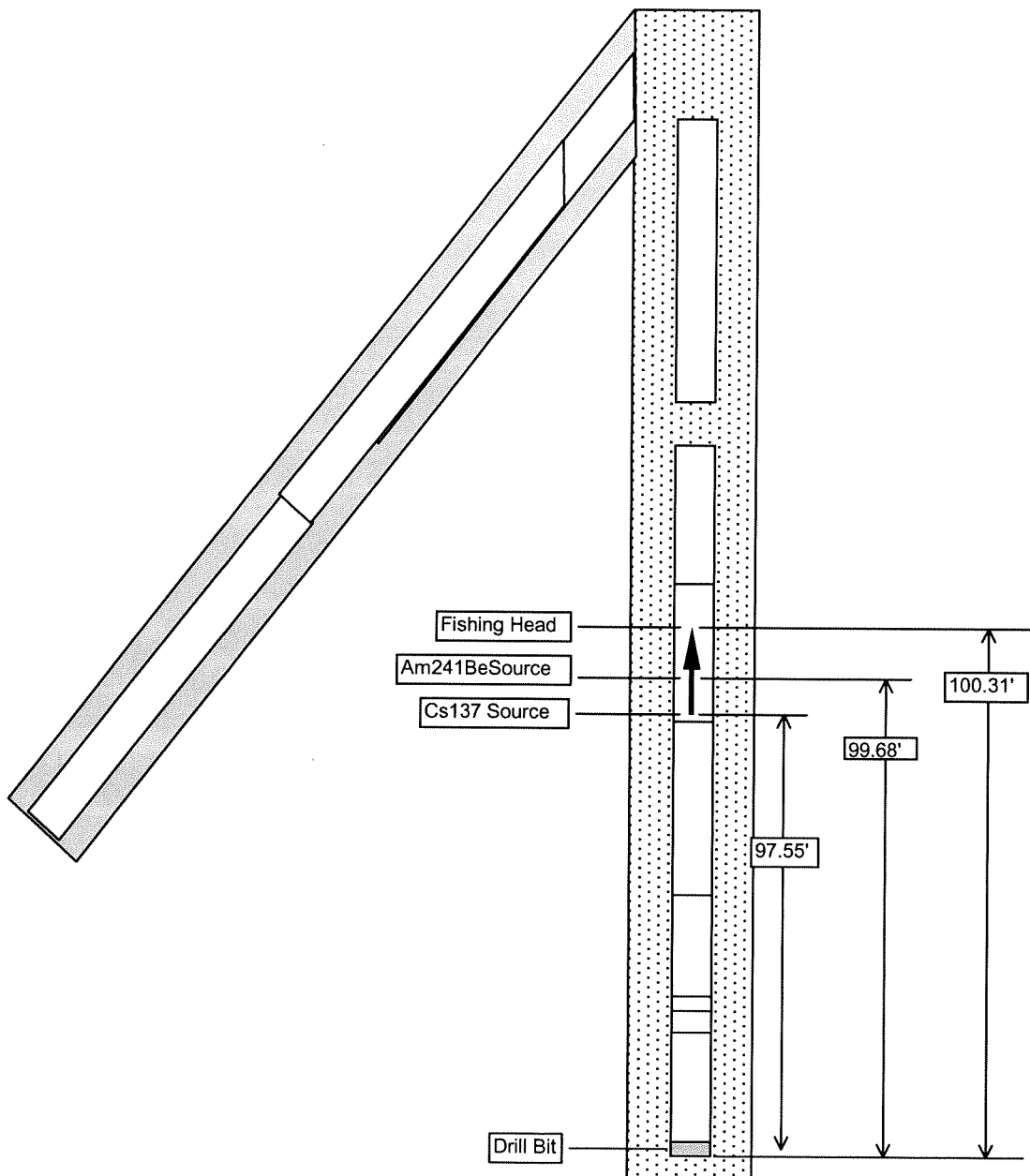
E	Offshore (OCS Waters)	W	Land or State Lease Waters
Date	<u>April 22, 2005</u>	Time	<u>12:41 pm</u>
Company Name (Full Name)	<u>Kerr-McGee Oil & Gas Corporation</u>		
Well Name or (OCS-G No. or State Lease No.)	<u>OCS-G 25139 001 ST00BP01</u>		
Offshore State of	<u>LA</u>	Rig Name	<u>Noble Amos Runner</u>
API Number (If Available or CLSD)	<u>608114043201</u>		
Location of Lease	<u>Green Canyon 320</u>		
County or Parish	<u>Offshore</u>	State	<u>Louisiana</u>
District	<u>NGC</u>	Sales Engr	<u>Jeff Fuller</u>
TD	<u>24490</u>	Hole Size	<u>10 5/8 x 12 1/4</u>
		Deviation	<u>26.79 deg</u>
Casing Depth	<u>22119</u>	Casing Size	<u>11 7/8</u>
Depth of Fish (Top)	<u>21948</u>	(Bottom)	<u>24490</u>
Source Type (1)	<u>Neutron Logging</u>	Source Type (2)	<u>Density Logging</u>
Source Activity (1)	<u>370 GBq</u>	Source Activity (2)	<u>63 GBq</u>
Serial No. (1)	<u>NSR-U A2093</u>	Serial No. (2)	<u>GSR-Z N342</u>
Isotope (1)	<u>Am241Be</u>	Isotope (2)	<u>Cs137</u>
Depth (1)	<u>24379.77</u>	Depth (2)	<u>24381.80</u>
Leak Test Date (1)	<u>27-Oct-2004</u>	Leak Test Date (2)	<u>27-Oct-2004</u>
Leak Test Results (1)	<u>1.89E-1 Bq</u>	Leak Test Results (2)	<u>2.4E-1 Bq</u>
Tool String (Head to Bottom)	<u>From the bit to the top of ADN is 117.89 ft, ADN length is 21.08 ft</u>		
Date and Time Stuck	<u>07-Apr-2005, 16:00 hrs</u>		
Date and Time Cement Pumped	<u></u>		
Hole Conditions	<u>Stable</u>		

Fishing Attempts Unable to fish the source due to presence of reamer and float above ADN.

Comments (what happened to get stuck?, etc.): Drilled into formation and took a kick at TD of 24490 ft MD, 23369 TVD at 20:38 hrs on 06-Apr-2005. Dynamic kill of well, rotating the drill string while pumping 16.0 ppg then 16.2 ppg kill mud. They were working and rotating the drill string when the drill pipe parted at 16:56 hrs on 07-Apr-2005. Kerr-McGee spent from April 7 through April 16 in operations to kill the well. Perforated drill pipe at 21900 to allow circulation, kill and stabilize the well. After testing BOPs (April 18), screwed into fish and tried to free drill string-no go. Ready to set whipstock and sidetrack the well.

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

Notified: W NRC or W State of :



Name: _____ Name: _____
Date: _____ Date: _____
Time: _____ 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 source(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.
 - a) Any changes in the data sent with the approved abandonment plan.
 - b) A new well diagram if different from the that submitted with the approved abandonment plan.
 - c) Any information pertinent to the abandonment that the STC RSO may not have for his/her final report.
 - d) 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.

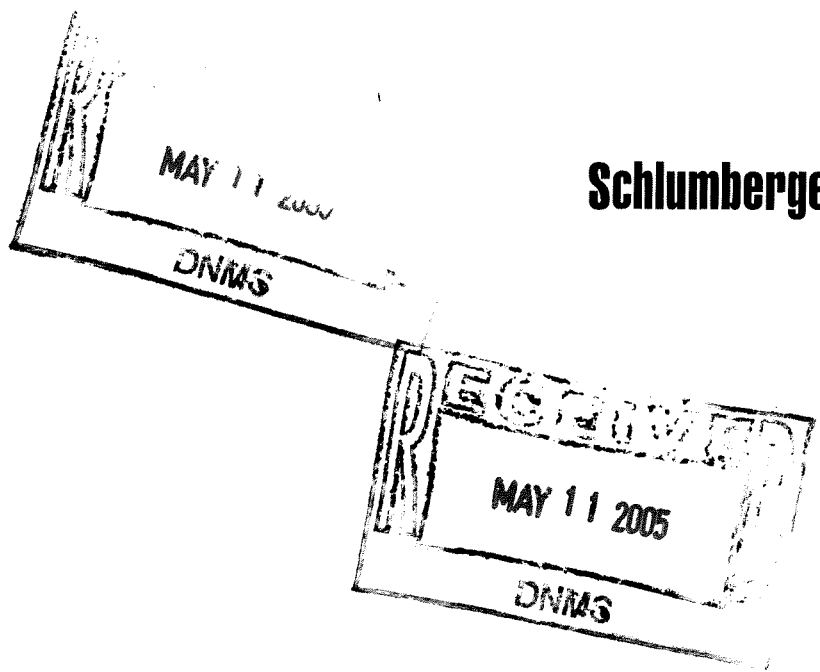
If there are any questions regarding these procedures, discuss them with your Operations Manager.

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

Schlumberger Technology Corporation

200 Gillingham Lane
Sugar Land, TX 77478

Schlumberger



May 9, 2005

Nuclear Regulatory Agency
Region IV
611 Ryan Plaza Drive, Suite 400
Arlington, Texas 76011

RE: Source Abandonment for Kerr-McGee Oil & Gas Corporation: OCS-G-25139 Well #1

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.

Please let me know if you require any further information.

Sincerely,

A handwritten signature in cursive script, reading 'Thomas S. Wood', is located below the 'Sincerely,' text.

Thomas S. Wood
Deputy Radiation Safety Officer
Schlumberger Technology Corporation

Source Abandonment in Kerr-McGee Oil & Gas
Well: OCS-G-22139 001 ST00BP00

Date of Occurrence: 04/26/05

Source #1

Identification: 1.7 Ci, Cs 137, Density Source, Serial # A2093
Manufacturer: AEA Technology, QSA Inc.
Model: CDC.CY3
Depth: 24,381'

Source #2

Identification: 10 Ci, Am241Be, Neutron Source, Serial # N342
Manufacturer: Gammatron, Inc.
Model: NSR-M (AN-HP)
Depth: 24,379'

Well Identification: Kerr-McGee Oil & Gas Corporation
Well: OCS-G 25139 Well #1
Field: Green Canyon Block 320
API Number: 608114043201

Seal Results: 798" of 16.4 ppg cement spotted in the annulus around the drill pipe, the top of the cement plug located at 22,002'. Top of the drill pipe at 22,009'. 2,370' of drill pipe and collars remains in the hole from 22,009 – 24,379. Kick off point for side track at 21,948'.

Recovery Attempts: Multiple attempts from 04/07/05 to 04/22/05

Depth of Well: 24,490' MD (26.79° 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: Richard Leonardi, NRC Region IV on 04/22/2004 @ 14:20 CDT.

RADIATION FISHING & ABANDONMENT REPORT

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

Date April 22, 2005 Time 12:41 pm

Company Name (Full Name) Kerr-McGee Oil & Gas Corporation

Well Name or (OCS-G No. or State Lease No.) OCS-G 25139 001 ST00BP01

Offshore State of LA Rig Name Noble Amos Runner

API Number (If Available or CLSD) 608114043201

Location of Lease Green Canyon 320

County or Parish Offshore State Louisiana

District NGC Sales Engr Jeff Fuller Eng: Scott Miller

TD 24490 Hole Size 10 5/8 x 12 1/4 Deviation 26.79 deg

Casing Depth 22119 Casing Size 11 7/8

Depth of Fish (Top) 21948 (Bottom) 24490

Source Type (1) Neutron Logging Source Type (2) Density Logging

Source Activity (1) 370 GBq Source Activity (2) 63 GBq

Serial No. (1) NSR-U N342 Serial No. (2) GSR-Z A2093

Isotope (1) Am241Be Isotope (2) Cs137

Depth (1) 24379.77 Depth (2) 24381.80

Leak Test Date (1) 27-Oct-2004 Leak Test Date (2) 27-Oct-2004

Leak Test Results (1) 1.89E-1 Bq Leak Test Results (2) 2.4E-1 Bq

Tool String (Head to Bottom) From the bit to the top of ADN is 117.89 ft, ADN length is 21.08 ft

Date and Time Stuck 07-Apr-2005, 16:00 hrs

Date and Time Cement Pumped April 26, 2005 @06:02

Hole Conditions Stable

Fishing Attempts Unable to fish the source due to presence of reamer and float above ADN.

Comments (what happened to get stuck?, etc.): Drilled into formation and took a kick at TD of 24490 ft MD, 23369 TVD at 20:38 hrs on 06-Apr-2005. Dynamic kill of well, rotating the drill string while pumping 16.0 ppg then 16.2 ppg kill mud. They were working and rotating the drill string when the drill pipe parted at 16:56 hrs on 07-Apr-2005. Kerr-McGee spent from April 7 through April 16 in operations to kill the well. Perforated drill pipe at 21900 to allow circulation, kill and stabilize the well. After testing BOPs (April 18), screwed into fish and tried to free drill string-no go. Ready to set whipstock and sidetrack the well.

Notified: ☐ NRC or ☐ State of :

Name: Richard Leonardi	Name: _____
Date: 22 Apr 2005	Date: _____
Time: 14:20 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.

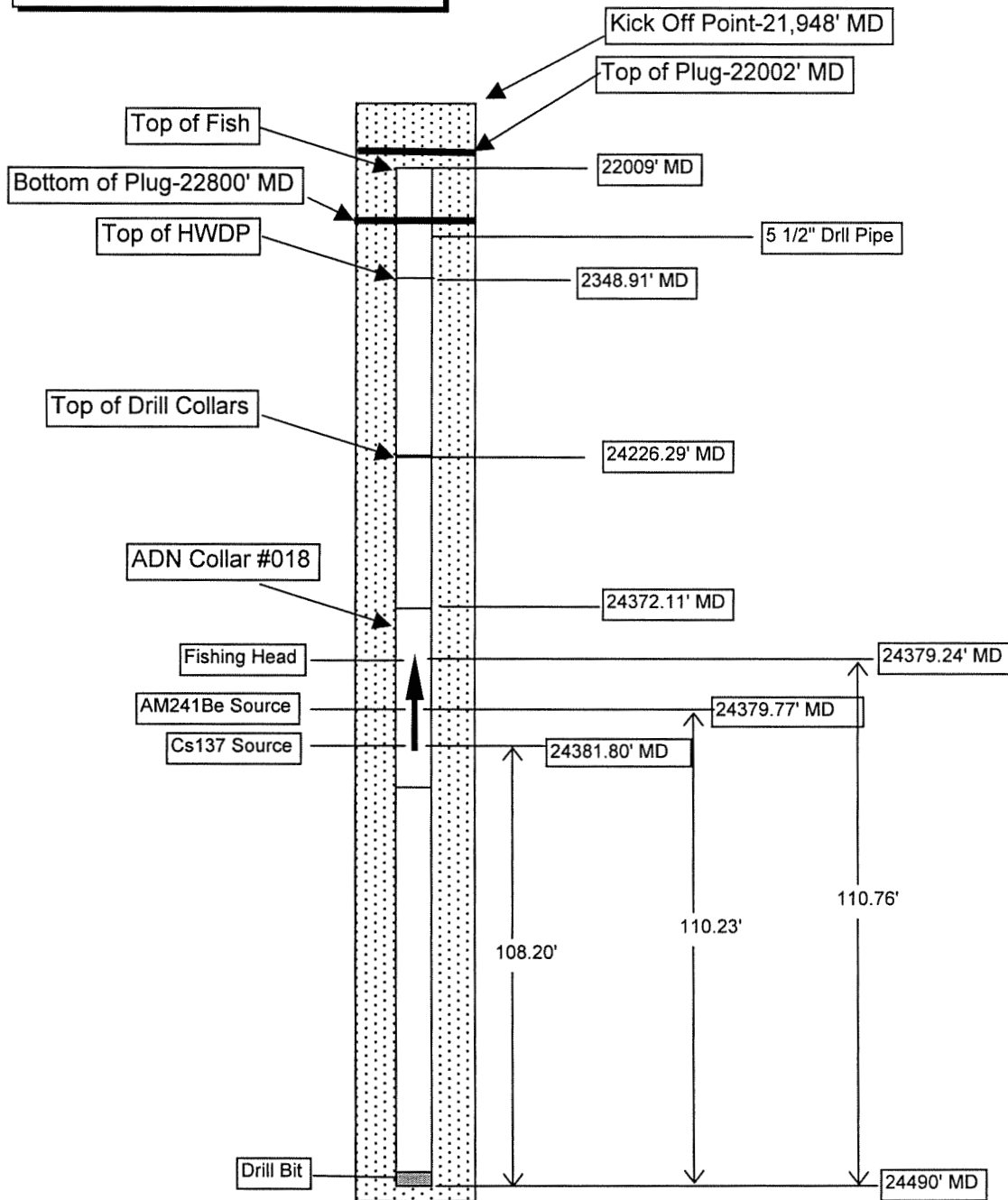
An **irretrievable well logging source** means any licensed radioactive sealed source that becomes lodged in a well and cannot be retrieved after reasonable efforts have been made to recover the source(s).

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 source(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.

*Diagram Showing bit-To-Source And
Surface-To-Source Distances
Inclination 27 degrees*



Bottom of tool to Density Source Window = 11.39'



ZONAL ISOLATION HOUMA

SQUEEZE @ 21850'
KERR McGEE
AMOS RUNNER
GREEN CANYON 320 WELL #1

CEMENT

300 SACKS PREM. + 8 GPHS HALAD 344 EXP + 9 GPHS SCR-100 MIX @ 16.4 PPG WITH 31 BBL MIX FLUID
SLURRY VOLUME = 1.06 CuFt/SACK = 318 FT³ = 56.6 BBL SLURRY
PUMPING TIME 3:56

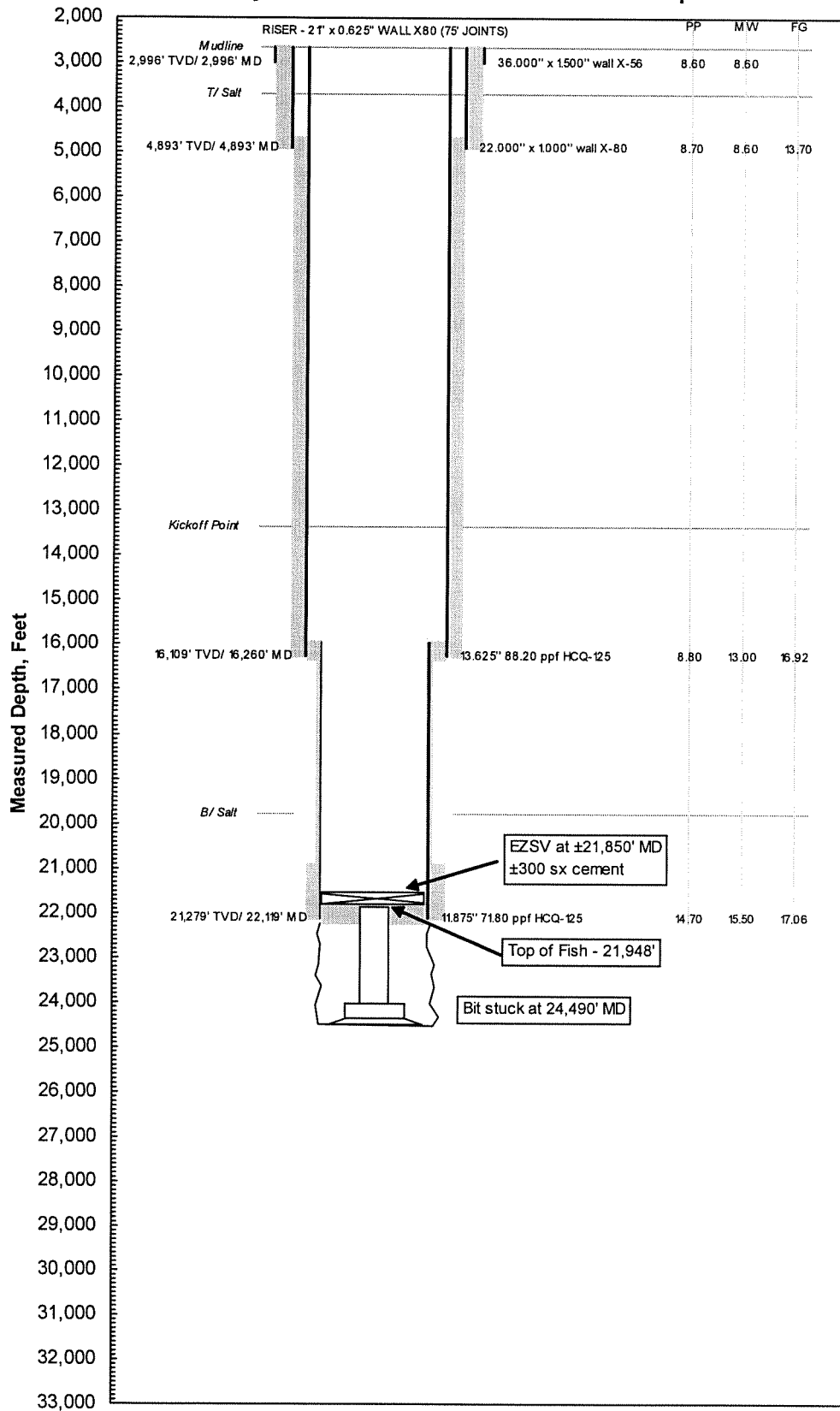
DRILL PIPE CAPACITY

6 5/8" DP = 6024' X .0292 = 176 BBL
5 1/2" 24.7 PPF DP = 7762' X .0208 = 161 BBL
5 1/2" 21.9 PPF DP = 8064' X .0217 = 175 BBL
TOTAL DRILL PIPE = 512 BBL

CEMENTERS JOB PLAN

1. SET TOOL AS PER HES TOOL HAND INSTRUCTIONS
2. BREAK CIRC
3. TEST LINES TO 5000 PSI
4. ESTAB INJECTION RATE *2 Bblm 1350 PSI*
5. STING OUT
6. PUMP AS FOLLOWS
 - A. 10 MUD
 - B. 10 SPACER
 - C. 56.6 CEMENT
 - D. 10 SPACER
 - E. 425.5 MUD
 - F. STING INTO TOOL
 - G. 76.5 + 2 PUMPS AND LINES = 78.5 BBL MUD
 - H. UNSTING
7. CIRC AS PER KERR McGEE INSTRUCTIONS
8. POOH

Green Canyon 320 #1 ST00/BP01 - Chilkoot Prospect



PLUG BACK PROCEDURE

Green Canyon 320 #1 BP01

OCS-G-25139

Water Depth: 2,596' + 82' RKB Elevation = 2,678' RKB - ML

Casing Information: 36", 1.0" & 1.5" W.T., X-56 pipe jetted to 2,996' MD / TVD, (316' BML)

22", 1.0" wall X-80 set at 4,893' MD / 4,891' TVD
Cemented with 6,190 ft³ (estimated TOC at Mud Line)
F.I.T. 13.7 ppge

13 5/8", 88.2 ppf, HCQ-125 set at 16,260' MD / 16,109' TVD
Cemented with 2,879 ft³ (estimated TOC at 4,393' MD)
F.I.T. 16.92 ppge

13 5/8" casing with 13.0 ppg to 4,015 psi on 28 Feb 2005
13 5/8" casing with 15.5 ppg to 1,860 psi on 31 Mar 2005

11 7/8", 71.8 ppf, HCQ-125 liner set at 22,119' MD / 21,279' TVD with
liner top at 15,943' MD, cemented with 1,243 ft³ total at shoe and top.
F.I.T. 17.06 ppge

Total Depth: 24,490' MD / 23,369' TVD

Mud Weight: 16.3 ppg SBM

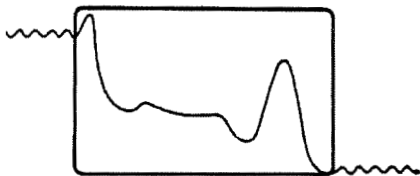
Hole Size: 10 5/8" x 12 1/4" to 24,490' MD – RKB

Present Operation: Conditioning trip in preparation to set whipstock and bypass.

PROCEDURE:

Drill string became stuck during kill operations. Efforts to fish the string have been unsuccessful due to junk in hole. Fish is bit, rotary steerable, quad-combo LWD & collars, HWDP and jars plus 5 1/2" drill pipe. Top of fish is at 22,009' MD

1. TIH with EZSV and set at $\pm 21,850'$ MD (final depths dependent on casing collar locations).
2. Establish injection rate then mix and squeeze sufficient cement to fill from 11 7/8" shoe at 22,119 MD to EZSV at $\pm 21,850'$ MD plus approximately 100% excess (est. 300 sx)
3. Pull out of retainer, circulate and condition hole, test 13 5/8" casing / 11 7/8" liner / EZSV to 1,250 psi with 16.3 ppg for 30 minutes. POOH with just enough drill pipe to allow hanging the max allowed below the RTTS.
4. MU RTTS and storm valve, RIH and set same below mud line at $\pm 2,800'$ MD.
5. Release from storm valve, test RTTS and storm valve.
6. POOH and RU to pull BOP and riser.



Monitoring Services

P.O. BOX 266677. HOUSTON, TEXAS 77207 .AREA CODE 281/993-1142 . FAX 281/993-2853

SEALED SOURCE LEAK TEST CERTIFICATE

RADIATION SAFETY

SCHLUMBERGER Anadrill

Loc.1004

135 ROUSSEAU ROAD

Customer#: 2138

Source #: 33061

YOUNGSVILLE

LA

70592

Account #: 2138

RADIONUCLIDE: AM241BE

ACTIVITY: 10

CI

SERIAL
NO: N342

WIPE DATE: 3/25/2005

EFFICENCY: 1.32

NET CPM: 20

GROSS CPM: 36

BKG CPM: 16

NET CPM

=MICROCURIE

EFF X 2.22×10^6 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 (5.0×10^{-3}) MICROCURIE OR MORE OF ACTIVITY.

THE REMOVABLE ACTIVITY

WAS: 6.825×10^{-6}

MICROCURIE

2.525×10^{-1}

Bq

ASSAY NO: 3/30/2005 12

DATE: 3/30/2005

ASSAYED BY:



Monitoring Services

P.O. BOX 266677, HOUSTON, TEXAS 77207 .AREA CODE 281/993-1142 . FAX 281/993-2853

SEALED SOURCE LEAK TEST CERTIFICATE

RADIATION SAFETY

SCHLUMBERGER Anadrill
Loc.1004

135 ROUSSEAU ROAD

YOUNGSVILLE

LA

70592

RADIONUCLIDE: CS-137

ACTIVITY: 1.7

CI

WIPE DATE: 3/25/2005

EFFICIENCY: 0.95

GROSS CPM: 26

NET CPM

=MICROCURIE

EFF X 2.22×10^6 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 (5.0×10^{-3}) MICROCUIRE OR MORE OF ACTIVITY.

THE REMOVABLE ACTIVITY

WAS: 4.742E-006

1.754E-001

ASSAY NO: 3/30/2005 13

MICROCURIE

Bq

DATE: 3/30/2005

ASSAYED BY:

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

Schlumberger

Fax

Date: May 9, 2005

To Ernie Jilek

Fax : 985-727-2165

From Tom Wood

Tel: 281-285-7460

Fax: 281-285-8526

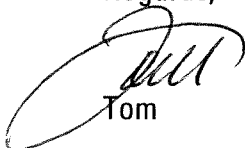
Subject Abandonment Plaque

Pages 2 (including cover)

Ernie,

Request for abandonment plaque, well information follows.

Regards,



Tom

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

Schlumberger

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

May 9, 2005

Attn: Ernie Jilek,

Please construct the standard abandonment plaque with the following information:

Company: Kerr-McGee Oil & Gas Corporation
Well Name: OCS-G 25139 Well No. 1
Field: Green Canyon Block 320
State: Offshore Louisiana
API#: 608114043201
Date of Abandonment: 04/26/2005
Well Depth: 24,490' MD
Plug Back Depth: 22,002'
Top of Fish: 22,009'
Sources Abandoned: 1.7 Ci, Cs 137, Density Source @ 24,381' MD
10 Ci, Am 241, Neutron Source @ 24,379' MD

Special Instructions: DO NOT RENTER 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

* * * COMMUNICATION RESULT REPORT (MAY. 9. 2005 4:16PM) * * *

FAX HEADER:

TRANSMITTED/STORED : MAY. 9. 2005 4:14PM
FILE MODE OPTION

ADDRESS

RESULT

PAGE

100 MEMORY TX

G3 :919857272165

OK

2/2

REASON FOR ERROR OR LINE FAIL
 mm-1) HANG UP OR LINE FAIL
 -10) NO ANSWER
 -9) MAIL SIZE OVER

E-2) BUSY
 E-4) NO FACSIMILE CONNECTION

Oilfield Services
 Radiation/Explosives Compliance

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

Schlumberger**Fax**

Date: May 9, 2005

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, well information follows.

Regards,



Tom