




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

July 7 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 June 2005. In addition, attached is the licensee event report evaluation form, for the event closed in June 2005, detailing the Region's response to the events.

Attachment: As stated

ATTACHMENT 1

Region IV Table 1								DNMS LICENSEE EVENT REPORTS--OPENED JUNE 2005							
REPORT DATE	EVENT DATE	DATE REC'D	LICENSEE	LICENSE NUMBER	REPORTING REQUIREMENT	DESCRIPTION	STATUS								
5/05/05	05/06/05**	06/27/05	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	Closed								

* This LER for Precision Energy Services, Inc. was inadvertently not included in the previous LER.

* This LER for Precision Energy Services, Inc. was inadvertently set up again on 6/27/05, upon receipt of the 30-day written report submitted in accordance with 10 CFR 9.77(d). It was closed based on the closure of the second LER for Precision Energy Services, Inc.

Region IV		Table 2		DNMS LICENSEE EVENT REPORTS Previously Received and Still Under Review Current for JUNE 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)(x) 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

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

REPORT DATE	EVENT DATE	DATE RECD	LICENSEE	LICENSE NUMBER	REPORTING REQUIREMENT	DESCRIPTION	STATUS
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
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.

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

REPORT DATE	EVENT DATE	DATE RECD	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	Closed *
5/05/05	05/06/05**	06/27/05	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	Closed
05/09/05	05/09/05	05/09/05	Pathfinder Energy Services, Inc. Lafayette, LA	17-27623-01	10 CFR 39.77(c) and (d)	Irretrievable well logging sources: Offshore LA, Gulf of Mexico, Federal Waters; Pioneer Natural Resources; Eugene Island, Block 208, OCS-G-00577 J10	Closed

* This LER for Precision Energy Services, Inc. was inadvertently set up again on 6/27/05, upon receipt of the 30-day written report submitted in accordance with 10 CFR 39.77(d). It was closed based on the closure of the second LER for Precision Energy Services, Inc.

** Correct date of source abandonment.

SEPARATOR SHEET

LICENSEE EVENT REPORT EVALUATION FORM

Page 1 of 3

EVENT CLASS: LAS - LOST/ABANDONED/STOLEN MATERIAL

LICENSEE / REPORTING PARTY INFORMATION: **Precision Energy Services, Inc.**

Licensee/Reporting party name:	Jeffrey Pettigrew, US Radiation Safety Officer		
License number :	42-26891-01		
Docket number :	030-30118		
Licensee's City of record :	Houston		
Licensees State of record :	Texas		
NRC regulated?	YES	If so, what Region?	IV
Working under reciprocity?	NO		

EVENT INFORMATION:

In what City and State did the event occur?	Offshore GoM @ OCS-G 0479 #G1, Eugene Island 53/G1
Event date :	May 6, 2005
Discovery date :	May 6, 2005
Report date :	May 6, 2005
Agreement State reportable?	NO
NRC reportable?	YES
Reporting regulation :	10 CFR 39.77(a)
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

CONSULTANT INFORMATION (if any): **NONE**

Consultant name :
Company :
Who hired consultant?

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 :	2 curies	18 curies	
Manufacturer :	Amersham	Amersham	
Model number :	CDC.CY16	AMN.CY20	
Serial number :	06960B	06905B	

	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:

Jeffrey Pettigrew, Precision Energy Services's RSO called the HO Ops center on May 6, 2005, notifying the Ops that two sealed sources were irretrievable, and requesting approval of an abandonment plan. Licensee indicated that the LWD tool containing the two radioactive sources was on a drill string that was stuck in the open-hole, and based on information provided by the well operator, operator did not want to attempt to retrieve the sources due to danger of loss of control of the well. Based on this concern, Troy Pruett, NRC RIV Duty Officer, and Tom Essig, NRC HQ NMSS Officer approved the licensee's abandonment plan on the phone to Jeffrey Pettigrew on May 6, 2005.

Operator placed about 7,805 feet of cement on top of the sources, with 7,368 feet of steel drill pipe above the level of the two sources as a deflection device.

Licensee has notified Minerals Management Services as well as the NRC.

See licensee's 30-day report dated June 7, 2005 for specific details.

CORRECTIVE ACTIONS:

All requirements for source abandonment as proposed per Mr. Pettigrew 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 June 7, 2005.

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:

S. A. Leonard

Evaluator Signature

Date:

6/9/05

J. R. Shaf

Branch Chief

Date:

6/10/05

Facsimile Cover Page

Date: June 7, 2005 7:37:31 PM CDT

To: Jack Whitten

Company: NRC R-IV

Fax Number: 18178608263

From: Jeffrey Pettigrew

Company: Precision Energy Services, Inc.

Phone Number: +1.281.260.5619

Fax Number: +1.832.615.3403

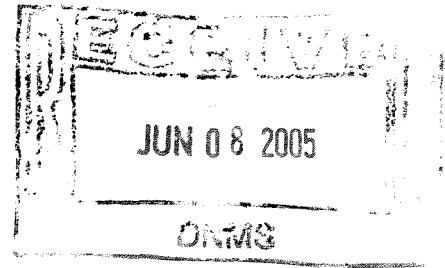
Pages: Memo page(s) plus 3 page(s) of attachments

Subject: Precision Energy Services, Inc.,

Precision Energy Services, Inc., NRC License 43-26891-01, Written Report Pursuant to 10 CFR 39.77. Please ensure this letter is delivered to either Tony Gaines or Jack Whitten.

This fax contains confidential information. Copyright © 2003 Send2Fax, LLC.

(SystemDefault.html)



June 7, 2005

U.S. NRC Region IV
Attn: Jack Whitten
Nuclear Materials Licensing Branch
Texas Health Resources Tower
611 Ryan Plaza, Suite 400
Arlington, TX 76011-4005

Re: Precision Energy Services, Inc., NRC Lic. 42-26891-01, Abandonment Report Pursuant to 10 CFR §39.77

This written report is a follow-up to the May 5, 2005, 7:45 PM CDT telephone notification made to NRC regarding abandonment of downhole well logging sources. The call was made to the NRC HQ Operations Center and conferenced with Howie Crouch, NRC HQ Operations Officer, Troy Pruett, NRC RIV Duty Officer, and Tom Essig, NRC HQ NMSS Officer and Jeff Pettigrew, Precision Energy Services Radiation Safety Officer. During the conference call, permission was requested by Precision Energy Services to proceed with source abandonment, without making attempts to recover the source, due to the adverse downhole conditions as reported to Precision by its customer's (Forest Oil) representatives. The customer believed that any attempts to retrieve the logging tool containing the radioactive sources and Bottom Hole Assembly could lead to loss of well control and thereby pose a threat to personnel on the offshore drilling rig. After some discussion of the situation NRC representatives Pruett and Essig granted permission to proceed with the abandonment.

The specific details of the abandonment, including a facsimile of a well plaque to be furnished to the well owner, appear on the following pages. In addition to the US NRC Region IV office, the Minerals Management Service, Lafayette office will also receive a copy of this report.

If you have any questions related to this incident, please do not hesitate to contact me. My contact information can be found below.

Regards,

A handwritten signature in black ink, appearing to read 'Jeff Pettigrew'.

Jeffrey S. Pettigrew
US Radiation Safety Officer
Precision Energy Services, Inc.

363 N Sam Houston Parkway East
Suite 1700
Houston, Texas 77060
Telephone: 281.260.5619
Facsimile: 832.615.3403

www.precision-es.com

Irretrievable Source Report

Company: Precision Energy Services, Inc.
Address: 500 Winscott Road
Fort Worth, TX 76126
Contact Name: Jeffrey S. Pettigrew
Contact Title: US Radiation Safety Officer
Contact Number: 281-260-5619
License Number: NRC License No. 42-26891-01

Site Reporting
Address: Precision Energy Services, Inc.
1207 Spur 529
Rosenberg, TX 77471
Rosenberg, TX Contact: Brad Raymond
Title: LWD Coordinator - North America
Site Contact Number: (281) 633-2743

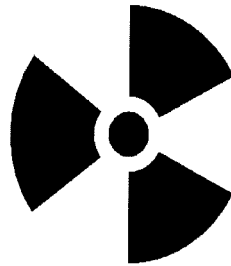
Well Owner: Forest Oil Corp.
Address: 1600 Broadway, Ste 2200
Denver, CO 80202
Well Name: OCS-G 0479 #G1
Well Block: Eugene Island Block 53 G1
API No.: 177094144200
Well Location: Offshore Louisiana Gulf of Mexico in federal waters
LAT/LONG: 29.22697 N / 91.60301 W

Date of Abandonment: May 6, 2005
Depth of Well: 12617' MD / 12071' TVD
Depth of Cement Plug: 4715' MD / 4715' TVD
Depth of Top of Fish (drillpipe): 5152' MD / 5152' TVD
Depth of Source 1: 12520' MD / 11997' TVD
Source Isotope: Cs-137
Activity: 2 Curies
Source S/N: 06960B
Source Model: CDC.CY16
Physical Form: Doubly encapsulated meeting the requirements of 10 CFR § 39.41
Depth of Source 2: 12528' MD / 11998' TVD
Source Isotope: Am-241(Be)
Activity: 18 Curies
Source S/N: 06905B
Source Model: AMN.CY20
Physical Form: Doubly encapsulated meeting the requirements of 10 CFR § 39.41

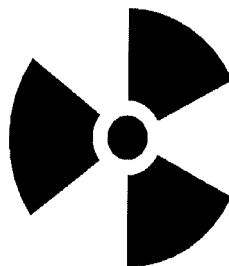
363 N Sam Houston Parkway East
Suite 1700
Houston, Texas 77060
Telephone: 281.260.5619
Facsimile: 832.615.3403

www.precision-es.com

FOREST OIL CORPORATION
EUGENE ISLAND 53 (OCS-G 0479 G1)
API 17-709-41442-00



CAUTION



TWO RADIOACTIVE SOURCES
ONE 2 Ci Cs-137 AND ONE 18 Ci Am-241(Be)
ABANDONED
06 MAY 2005
BETWEEN 12520' and 12528' MD FROM RKB
RKB-MSL = 136'
DO NOT RE-ENTER THIS WELL BEFORE
CONTACTING
NUCLEAR REGULATORY COMMISSION
&
MINERALS MANAGEMENT SERVICE

SEPARATOR SHEET

From: Headquarters Operations Officer 1
To: Thomas Essig; tpru1990@charter.net; Troy Pruett
Date: 5/5/05 8:47PM
Subject: Logbook Entry: 05/05/2005

Ops Officer : HOWIE CROUCH
Entry Date : 05/05/2005 - 21:10
Entry Type : WELL LOGGING
Notify Date - Time : 05/05/2005 - 20:43
Event Date - Time : - ()
Site :
Emergency Class :

281-260-5619

030-30118

Requested by licensee RSO Jeff Pettigrew of Precision Energy Services, Inc. (formerly Computalog Wireline Services)(License #42-26891-01) to abandon a well-logging source offshore in the Gulf of Mexico. The well name is OCS-G 0479 #G1 and is located at Eugene Island Block 53, offshore of the State of Louisiana in Federal Waters. Estimated well depth is 12,700 ft. with 8800 ft. starting depth. At this time, the licensee believes the source depth to be in excess of 5000 ft. The source is attached to the drill pipe instead of being dropped by string which is a aggravating factor in tool retrieval. The licensee's client, Forest Oil, believes that attempting to retrieve the source would present significant hazards to both the crew and the rig as the well is having "kickback to the surface".

The source is an 18 Curie Am/Be-241 source with a 1.5 Curie Cs-137 source.

Established a conference bridge on NRC Management bridge with the licensee, R4DO (Pruett) and NMSS EO (Essig).

The licensee intends to follow all state and federal abandonment requires as far as concrete plugs, etc. are concerned.

Permission was granted to the licensee to abandon the well logging source in place.

UPDATED INFORMATION FROM J. PETTIGREW TO HOWIE CROUCH @2141 HRS. EDT ON 05/05/05:

- Source is 18 Ci Am/Be-241 and 2.0 Ci Cs-137
- Depth of source has been determined to be greater than 12,000 ft
- Location is Lat.: N 29 degrees 13 minutes 37.103 seconds and Lon: W 91 degrees 36 minutes 10.835 seconds

Headquarters Operations Officer
U.S. Nuclear Regulatory Commission
Phone: (301) 816-5100
Fax: (301) 816-5151
E-mail: HOO1@nrc.gov

James Thompson

No DNRs
involvement?ROPG - Abandonment
per logs

ML051260250

LICENSEE EVENT REPORT EVALUATION FORM

Page 1 of 3

EVENT CLASS: LAS - LOST/ABANDONED/STOLEN MATERIAL

LICENSEE / REPORTING PARTY INFORMATION: **Pathfinder Energy Services, Inc. / Andrew Neil, Corporate RSO**

Licensee/Reporting party name:	Pathfinder Energy Services, Inc./Jim Bolling		
License number :	17-27623-01		
Docket number :	030-34946		
Licensee's City of record :	Lafayette		
Licensees State of record :	Louisiana		
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 Federal Waters, OCS-G-00577 J10, Eugene Island Block 208, use of LWD tool in drill string
Event date :	May 9, 2005
Discovery date :	May 9, 2005
Report date :	May 9, 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**CONSULTANT INFORMATION (if any): NONE**

Consultant name :
Company :
Who hired consultant?

DEVICE INFORMATION:

	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 :	1.5 curie	8 curies	
Manufacturer :	Amersham	Gammatron	
Model number :	CDC.CY6	AN-HP	
Serial number :	5016-GW	DNS-066	

	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:

Jim Bolling for Pathfinder, notified NRC Region IV on 5/9/2005 as required under 10 CFR 39.77, and this was timely. Licensee first stuck drill pipe with LWD on May 9, 2005. Licensee fished for drill string/LWD tools. Richard Leonardi authorized abandonment of these sources in accordance with tentative abandonment proposal provided by Mr. Bolling via FAX notification (of 5/9/2005) (see attached 30-day report dated June 1, 2005).

CORRECTIVE ACTIONS:

About 430 feet of cement placed on top of the two sources. The use of 101 feet of drill pipe and an inflatable packer will be used as deflection devices above the two sources in the open-hole. All requirements for source abandonment as proposed per Mr. Bolling appear to meet 10 CFR 39.15 (see attached 30-day report dated June 1, 2005).

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

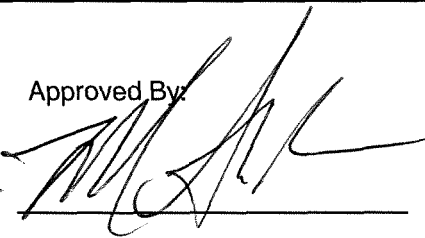
LER Evaluator:

Approved By:



Date: 6/2/05

Evaluator Signature



Branch Chief

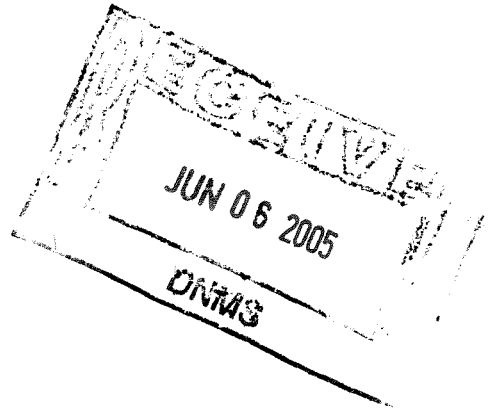
Date: 6/20/05

June 1, 2005

U.S. Nuclear Regulatory Commission – Region IV
611 Ryan Plaza Drive
Suite 400
Arlington, Texas 76011-8064

Attention: Mark Shaeffer

CC:
Mineral Management Service
P.O. Box 760
Bourg LA 70343-0760
Attention: John McCarroll



RE: **NRC Radioactive Materials License Number 17-27623-01**
Abandonment of Radioactive Sources

This notice is being furnished to describe the final abandonment of two (2) radioactive sources associated with LWD well-logging activities as described in the referenced license.

Date of Occurrence:	10 May, 2005 8:00 AM
Company Name:	Pioneer Natural Resources 5205 N. O'Connor Blvd, Suite 1400 Irving, TX 75039-3746
Well Name:	OCS-G-00577 J10 API 17-709-41431-00
Well Location (surface):	Lat. 28.39.52.672 N - Lon. 91.30.34.126 W 1943496.75 X, -6963.83 Y Eugene Island, Block 208 Offshore Louisiana (Federal Waters)
Depth of Well:	9512' md 7734' tvd
Bottom of Fish:	5991' md 5180' tvd
Depth of 8 Curie Am-241Be Source	5892' md 5108'tvd
Depth of 1.5 Curie Cs-137 Source:	5896' md 5114' tvd

Depth of Top Fish: 5504' md
4825' tvd

Depth of Top of Cement Plug : 5075' md
4511' tvd

Depth of Bottom Cement Plug : 5504' md
4825' tvd

Description of Sources: One 1.5 Curie Cs-137, Doubly Encapsulated, Special Form,
Well Logging Sealed Source
Serial Number: 5016-GW
Amersham Model CDC.CY6

One 8 Curie Am-241Be, Doubly Encapsulated, Special Form,
Well Logging Sealed Source
Serial Number: DNS-066
Gammatron Model AN-HP

The drill string became stuck while back reaming a tight spot in the hole and the drill string separated above the logging tool. Fishing tools and jars were used in an attempt to retrieve the logging tools. On the second attempt to retrieve the logging tools the fishing tools became lodged in the well before reaching the top of the original fish. The NRC was notified of the situation and a verbal agreement was given to abandon the sources if necessary by Mr. Richard Leonardi (NRC – Region IV) on 9 May 2005. Following this discussion, all reasonable effort was made at recovery. Recovery efforts included the following:

1. Jarring of the drill string and back reaming out of the hole.
2. BHA separated above the LWD tool.
3. Overshot and jars used to attempt retrieval – separated from BHA again.
4. Second attempt with fishing tools, fishing tools became lodged before reaching LWD tools.
5. Hole completely packed off and unable to circulate.
6. Free point and back off fishing tools at 5504'.

It became apparent on Monday 9 May 2005 that the drill string would be lost. A 430 feet cement plug was set above the sources. A total of 101 feet of metal pipe was left above the top source to act as a mechanical deflection device to prevent inadvertent intrusion on the sources.

Mr. Richard Leonardi (NRC – Region IV) was notified on 9 May 2005, 12:46 PM and given details of the abandonment with the agreement that a formal report would be filed within 30 days of the abandonment.

A sidetracked well is planned to be drilled from the top cement plug to the original TD depth of 13,900 ft MD. The sidetrack well is planned **not** to come within 15 ft of the sources. A liner (casing) will be set at completion of the By Pass well and cemented in place.

You will also find attached a diagram of the well showing the depth of the sources and a sheet showing the information contained on the permanent identification plaque that will be supplied to Pioneer Natural Resources.

If you need additional information or have any questions please contact me at the letterhead address.

Sincerely,

A handwritten signature in black ink, appearing to read "Andrew Neil". The signature is fluid and cursive, with the first name "Andrew" written in a larger, more prominent script than the last name "Neil".

Andrew Neil
Corporate Radiation Safety Officer

ENC: Facsimile of Abandonment Plaque
Well Diagram

CC: Mike Pfister – V.P. North America Operations
Mike Castille – Gulf Coast Operations
A.J. Broussard – M/LWD Operations Manager
Rusty Cooper – Pioneer Natural Resources

Pioneer Eugene Island 208 Well #J-10

OCS-G 0577

API NUMBER 17-709-41431-00

Wellbore Schematic and Sidetrack around Fish 5/10/05

RKB-WL 107'
WD 100'
RKB-ML 207'

26" X 3/4" wall drive pipe at 412' (205' pen.)

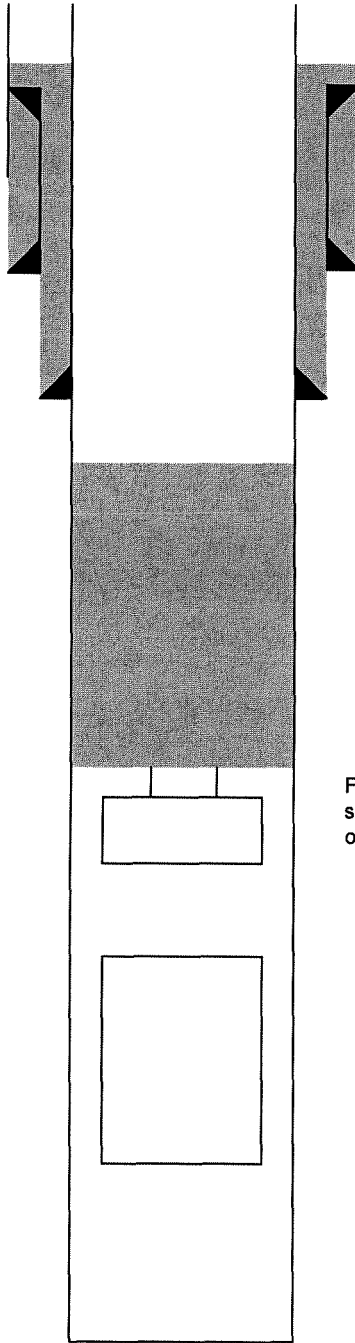
18 5/8", 87.5#, H40, BTC liner at 1003'

TOL @ 93'

TOC @ TOL

13 3/8", 68#, HCK55, BTC casing at 5060'
MD, 4500' TVD

TOC at 85' (+10' valve)



Top of plug 5075' Class H cement with additives

Fishing assembly with 11 3/4" overshot stuck at 5606' MD (101' of heavyweight and overshot)

Fish consisting of bit, mud motor, and LWD with neutron and Cesium source below 5892' MD

TD @ 9510' MD/ 7733' TVD

COMPANY: PIONEER NATURAL RESOURCES
IRVING, TX
WELL: OCS-G-00577 J-10
API 17-70-941431-00
LOCATION: EUGENE ISLAND
BLOCK #208



CAUTION



ONE 1.5 CURIE Cs-137 AND ONE 8 CURIE Am-241Be
RADIOACTIVE SOURCE ABANDONED ON
10 MAY 2005 BELOW 5892 FT MD (5108 FT TVD)
PLUGBACK DEPTH 5075 FT MD (4511 FT TVD)

DO NOT RE-ENTER THIS WELL
BEFORE CONTACTING
US NUCLEAR REGULATORY COMMISSION OR
MINERALS MANAGEMENT SERVICE

From: Richard Leonardi
To: B. Sue Trifiletti
Date: 5/9/05 3:00PM
Subject: LER Well Logging Source(s) Abandonment

Sue,

Please set-up LER for this source abandonment as indicated on the attached LER Worksheet.

I have forwarded the licensee's written notification documents to you under separate cover.

The licensee was reminded to submit the required 30-day report subsequent to his notification.

Thanks...Richard

CC: Jeffrey Cruz; Linda McLean; Richard Leonardi; Vivian Campbell

Well Logging Source Abandonments

LICENSEE: Pathfinder Energy Services, Inc. (NRC License 17-27623-01)

Abandonment Location: Operator is Pioneer Natural Resources, abandonment located @ Eugene Island 208 Well #J-10, OCS-G 0577, Rig is Arch Rowan

Licensee's Notification To NRC: Notification by Jim Bolling (Pathfinder) @ 337 233-3982

Source(s) Abandonment Date: May 9-10, 2005

NRC Person Approving Abandonment & Date/Time of Approval: Richard Leonardi on 5/9/05 @ 1:30 p.m.

Sources Abandoned: Two LWD sources in a single tool (see below)

Description of Event: See attached e-mails with accompanying well diagram

Source No. 1

Cs-137 @ 1.5 Curie
SN 5016 GW

Source No. 2

Am-241 @ 8 Curies
SN DNS-066

C:\SourceAbandonmentFORM.wpd

From: "Jim Bolling" <jim.bolling@pathfinderlwd.com>
To: <ral@nrc.gov>
Date: 5/9/05 11:40AM
Subject: Abandonment authorization

Richard,

As per our conversation earlier this morning.

Customer Pioneer Natural Resources

5205 N. O'Connor Blvd suite 1400

Irving, TX

Location: Eugene Island Blk 208

Rig: Rowan Arch Rowan

Depth of hole 9330'

Casing set at 5060'

Top of fish 5660

Neutron source SN DNS-066 Am241Be 8.0 Ci stuck at 5892

Density Source SN 5016 GW Cs-137 1.5 Ci Stuck at 5896

Initially stuck at 9230' on May 5, 2005 8PM

Were able to back ream out to 5660 and got stuck again.

Drill pipe separated at 5880 and went in with an overshot and fishing jars to attempt retrieving the tool. They have not been able to free the tools as of 11:00 this morning.

I have spoken with Rusty Cooper the Drilling engineer in charge of the project and he is aware that Authorization from the NRC and his permitting agency is necessary before abandonment of sources. If is necessary to abandon his plan is to use what ever is left in the hole as a deflection device (a minimum of 30 feet drill collars) with a minimum of 100' feet of cement on top of the fish. He will furnish a formal abandonment schematic at prior to abandonment and authorization to

*→ Gave verbal
auth.
5/9/05 @
1:30
PM
to Jim
Bolling*

abandonment.

Casing set at 5060'

Top of fish 5660

Neutron source SN DNS-066 Am241Be 8.0 Ci stuck at 5892

Density Source SN 5016 GW Cs-137 1.5 Ci Stuck at 5896

If you have any other questions please call me at the numbers below.

Thank you for your time and assistance,

Jim Bolling

PathFinder Energy Services RSO Gulf Coast Region

Office 337-233-3982 ext 2272

Cell 337-344-1581

From: "Jim Bolling" <jim.bolling@pathfinderlwd.com>
To: <ral@nrc.gov>
Date: 5/9/05 12:46PM
Subject: FW: EI 208 J-10 OCS-G 0577

Richard,

Here are the abandonment procedures I received from Mr. Cooper for the abandonment of the sealed sources from the previous e-mail. I will talk with you later this afternoon when I get another update.

Thank you for time and assistance,

Jim Bolling

PathFinder Energy Services

-----Original Message-----

From: Cooper, Rusty [mailto:cooperr@pioneernc.com]
Sent: Monday, May 09, 2005 12:12 PM
To: Marty.Rinaudo@mms.gov
Cc: Jim Bolling
Subject: EI 208 J-10 OCS-G 0577

Mr. Rinaudo,

Attached for your approval is proposed plug back of the captioned well and schematics of current status and plug back per our conversation at 1000 hrs 5/9/05.

If additional info is needed at this time please advise.

Our contact with the NRC is through Mr. Jim Bolling with Pathfinder LWD.

Thanks,

Rusty Cooper

Drilling Engineer

Pioneer Natural Resources

Pioneer Eugene Island 208 Well #J-10
OCS-G 0577
Offshore Louisiana

Proposed Plug For Sidetrack Around Fish
5/9/05

RKB-WL 107'
WD 100'
RKB-ML 207'

26" X 3/4" wall drive pipe at 412' (205' pen.)

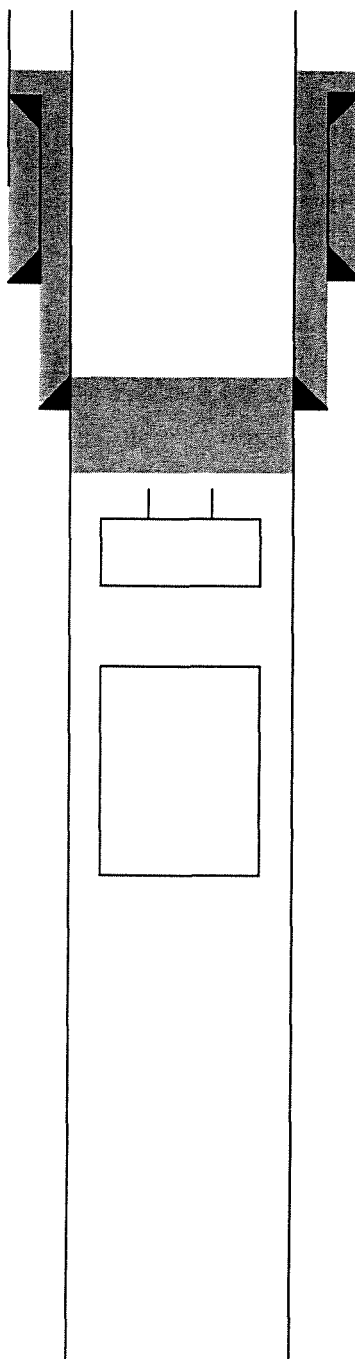
18 5/8", 87.5#, H40, BTC liner at 1003'

TOL @ 93'

TOC @ TOL

13 3/8", 68#, HCK55, BTC casing at 5060'
MD, 4500' TVD

TOC at 85' (+10' valve)



Side track plug from 5565' MD to 4960'
MD with 500 cu. ft. Class H cement
with additives

Fishing assembly with 11 3/4" overshot
stuck at 5606' MD (Anticipate back-off
leaving 1 joint of heavyweight above
overshot)

Fish consisting of bit, mud motor, and
LWD with neutron source at unknown
depth below 5880' MD

TD @ 9510' MD/ 7733' TVD

Eugene Island 208 Well # J-10
Development Well

Well:	OCS-G 0577 #J-10
Area:	Eugene Island 208
Surface Location:	4890.39' FSL, 3582.18' FWL (Slot #10)
KB-WL Elevation:	107'
Water Depth:	100'
Rig:	Arch Rowan

Current Status: Stuck in hole with overshot at 5606' MD. Jarring unsuccessfully.
Additional fish in hole at unknown depth below 5880' MD. Fish includes neutron source.

Plug Back Program:

1. Freepoint stuck fishing assembly.
2. Back off at anticipated depth of 5567' leaving 1 joint hwdp on top of overshot.
3. Set 500 cu ft balanced cement plug at 5567' – 4950'.

Forward plan: Sidetrack well at 5160' MD and drill to original targets maintaining minimum of 15' distance from existing hole through entire length. APM will be submitted upon finalizing directional plan.

Note: Protection from encountering source tool will be the un-drillable fishing assembly left in hole and the minimum distance of 15' from the original hole. Returns will be monitored for radiation during the sidetrack and drilling operations.