

Schlumberger Technology Corporation

200 Gillingham Lane, MD7
Sugar Land, TX 77478

Schlumberger

RECEIVED

JAN 12 2007

DNMS

January 10, 2007

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

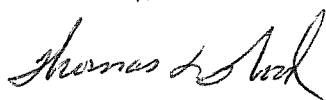
RE: Source Abandonment for Equitable Production Company: WV 507315

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 in Equitable Production Company
Well: WV 507315

Date of Occurrence: 22 December 2006

Source #1

Identification: 63GBq (1.7 Ci), Cs 137, Density Source, Serial # A1845
Manufacturer: Amersham Corp.
Model: CDC.CY3 (GSR-J)
Depth: 6,009'

Source #2

Identification: 592 GBq(16 Ci), Am241Be, Neutron Source, Serial # G5145
Manufacturer: Gammatron, Inc.
Model: NSR-F (AN-HP)
Depth: 5,993'

Well Identification: Company: Equitable Production Company
Well: WV 507315
Location: Lat: 37.7867 N, Long: -81.69671 W
API Number: 45-045-01909
Field: Lorado
County: Logan
State: West Virginia

Seal Results: 239' of Class A cement (2% CaCl₂) with Red Oxide Dye spotted in the annulus on top of the tool string from 5,969' to 5,730'. Top of the tool string is located at 5,969'. An upside down 6 ¼" tri-cone drill bit placed on top of the cement plug at 5,530' and will serve as the mechanical deflection device.

Recovery Attempts: Multiple attempts from 12/19/2006 to 12/22/2006

Depth of Well: 6,027'

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: 12/21/06 2 10:40 CST
Jack Whitten - NRC Region IV

Notified: NRC or State of :

Name: Mr. Jack Whitten Name: _____
Date: 12/21/2006 Date: _____
Time: 10:40 a.m. CST 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).

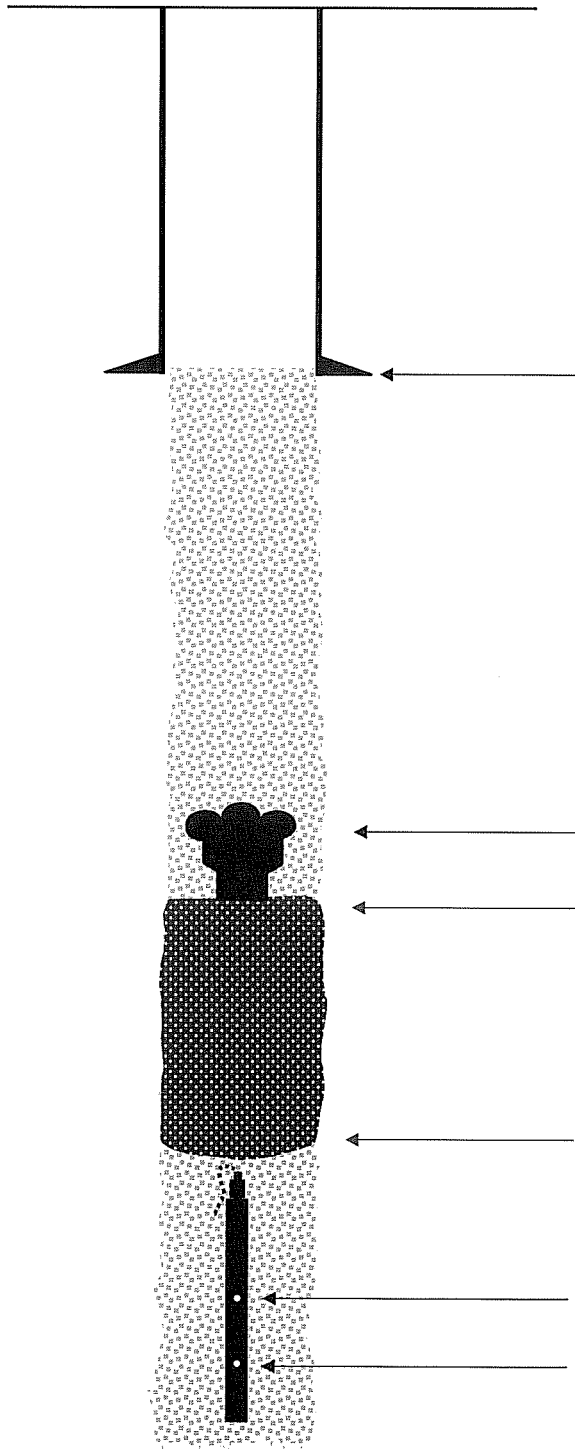
1. If a well logging source is irretrievable, the following requirements must be implemented.
 - a) The source(s) must be immobilized and sealed in place with a cement plug. The cement has to be dyed red in Texas as a condition of the Texas Railroad Commission (others occasionally).
 - b) A mechanical 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.

Equitable Production Company

WV 507315

Wellbore Diagram	Casing/ <i>Hole Size</i>
 <p>The diagram shows a vertical wellbore. At the top, a horizontal line represents the surface. Below it, a vertical line represents the casing. A horizontal arrow points to the casing at a depth of 1,859 feet. Below the casing is a section filled with a stippled pattern, representing an open hole. At the bottom of this section is a deflection device, shown as a black shape with three rounded lobes. Below the deflection device is a larger section filled with a denser stippled pattern, representing a red cement plug. At the bottom of the cement plug is another deflection device, shown as a black shape with three rounded lobes. Below this is a section filled with a stippled pattern, representing an open hole. At the bottom of this section is a vertical line representing a tool string. Two horizontal arrows point to the tool string at depths of approximately 5,993 feet and 6,009 feet. At the bottom of the tool string is a horizontal line representing the tool depth at 6,027 feet.</p>	<p><u>7.0" Csg @ 1,859'</u></p> <p><u>6 1/2" Open Hill</u></p> <p>Deflection Device 6 1/4" Ti-Cone Drill Bit</p> <p>Top of Red Cement Plug ~5,730'</p> <p>Bottom of Red Cement Plug ~5,969'</p> <p><i>Top of Fish @ 5,969'</i></p> <p>~5,993' Neutron Source Am-241Be 592 GBq</p> <p>~6,009' Density Source Cs-137 63 GBq</p> <p>TD @ 6,027'</p>



Monitoring Services

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

SEALED SOURCE LEAK TEST CERTIFICATE

RSO
SCHLUMBERGER 6430
260 INDUSTRIAL DR.

Customer#: 2258

Source #: 13754

BECKLEY

WV
25801

Account #: 1654

RADIONUCLIDE: CS-137

ACTIVITY: 1.7

CI

SERIAL NO: 1845

WIPE DATE: 10/25/2006

SOURCE
CODE: GSRJ

EFFICENCY: 0.95

NET CPM: 20

GROSS CPM: 35

BKG CPM: 15

NET CPM

=MICROCURIE

EFF X 2.22x10⁶ 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 (5.0x10⁻³) MICROCURIE OR MORE OF ACTIVITY.

THE REMOVABLE ACTIVITY

WAS: 9.483E-006

MICROCURIE

3.509E-001

Bq

ASSAY NO: 11/02/2006 11

DATE: 11/02/2006

ASSAYED BY:



Monitoring Services

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

SEALED SOURCE LEAK TEST CERTIFICATE

RSO

SCHLUMBERGER 6430

260 INDUSTRIAL DR.

Customer#: 2258

Source #: 36116

BECKLEY

WV

25801

Account #: 1654

RADIONUCLIDE: AM241BE

ACTIVITY: 16

CI

SERIAL NO: G5145

WIPE DATE: 10/25/2006

SOURCE

CODE: NSRF

EFFICENCY: 1.32

NET CPM: 20

GROSS CPM: 37

BKG CPM: 17

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: 6.825E-006

MICROCURIE

2.525E-001

Bq

ASSAY NO: 10/28/2006 40

DATE: 10/28/2006

ASSAYED BY:

Schlumberger Technology Corporation
Radiation/Explosives Compliance

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

Schlumberger

Fax

Date: January 10, 2007

To Ernie Jilek

Fax: 985-727-2165

From Tom Wood

Tel: 281-285-7460

Fax: 281-285-8526

Subject Equitable - Abandonment Plaque

Pages 2 (including cover)

Ernie,

Request for standard abandonment plaque, well information follows.

Regards,


Tom

This transmission is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged and confidential. If you are not the intended recipient, you are hereby notified that any disclosure, distribution or copying of this information is strictly prohibited. If you have received this transmission in error, please notify us immediately by telephone and return the original documents to us at the address above via the United States Postal Services.

Schlumberger Technology Corporation
Radiation/Explosives 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
Mandeville, LA. 70448
(504) 669-6082
(985) 727-2165 (Fax)

January 8, 2007

Attn: Ernie Jilek,

Please construct the standard abandonment plaque with the following information:

Company: Equitable Production Company

Well Name: WV 507315

Field: Lorado

County: Logan

State: West Virginia

API#: 47-045-01909

Date of Abandonment: 22 December 2006

Well Depth: 6,027'

Plug Back: 5,730'

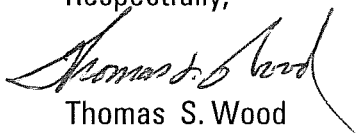
Top of Fish: 5,969'

Sources Abandoned: 592 GBq (16 Ci) Am241Be, Neutron Source @ 5,993'
 63 GBq (1.7 Ci) Cs 137, Density Source @ 6,009'

Special Instructions: DO NOT RENTER THIS WELL BEFORE CONTACTING
 REGION IV OF THE NUCLEAR REGULATORY COMMISSION
 OR SCHLUMBERGER TECHNOLOGY CORPORATION

Please forward to me the completed plaque and invoice.

Respectfully,


Thomas S. Wood

MEMORY TRANSMISSION REPORT

PAGE : 001
TIME : JAN-10-07 10:52AM
TEL NUMBER1: +281-285-8526
TEL NUMBER2: +
NAME : Schlumberger Technology Corp.

FILE NUMBER : 013
DATE : JAN-10 10:51AM
TO : 919857272165
DOCUMENT PAGES : 002
START TIME : JAN-10 10:51AM
END TIME : JAN-10 10:52AM
SENT PAGES : 002
STATUS : OK

FILE NUMBER : 013 *** SUCCESSFUL TX NOTICE ***

Schlumberger Technology Corporation
Radiation/Explosives Compliance

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

Schlumberger

Fax

Date: January 10, 2007

To Ernie Jilek

Fax: 985-727-2165

From Tom Wood

Tel: 281-285-7460
Fax: 281-285-8526

Subject Equitable - Abandonment Plaque

Pages 2 (including cover)

Ernie,

Request for standard abandonment plaque, well information follows.

Regards,


Tom

MEMORY TRANSMISSION REPORT

PAGE : 001
TIME : JAN-11-07 07:40AM
TEL NUMBER1: +281-285-8526
TEL NUMBER2: +
NAME : Schlumberger Technology Corp.

FILE NUMBER : 042
DATE : JAN-11 07:37AM
TO : 919857272165
DOCUMENT PAGES : 004
START TIME : JAN-11 07:37AM
END TIME : JAN-11 07:40AM
SENT PAGES : 004
STATUS : OK

FILE NUMBER : 042

*** SUCCESSFUL TX NOTICE ***

FROM : GRAPHICSINMETAL

FAX NO. : 9857272165

Jan. 10 2007 10:48PM P1



Graphics n' Metal, L.L.C.
1200 Clausel St.
Mandeville, Louisiana 70448
Telephone: 504-668-6082 Fax: 985-727-2165
Cell: 504-689-6082
email: erniejilek@charter.net

FINAL SIGN OFF PROOF

Re: TOM WOOD/SCHLUMBERGER OIL FIELD SERVICES To: From ERNIE JILEK
Fax: 281-285-8526 Pages: 2
Phone: 281-285-7460 Date: 1-11-2007
Re: proof **EQUITABLE PRODUCTION CO WELL WV507315** ATT: TOM
Work Order : 1902

Urgent Please Call

SIGN OFF ON ATTACHED PROOF AND FAX BACK

Please read carefully.

In accordance with the hard copy information supplied to us, the attached proof is in compliance with your specifications and is representative of your final product. Please note, certain PC, IBM, and T/T fonts, if used in this job, can have variations when compared to Adobe fonts. Graphic design discretion is used on those Fonts that have not been specified and specked as to size and style. It is your responsibility to proof read and check final dimensions. Mark all corrections or changes on the proof. Additional charges will be accessed to your original quote on any correction or modification that was not supplied to us in your initial hard copy.

No corrections will be taken over the phone without a supporting fax or hard copy to follow. Once approved, please sign and date as indicated below. At this point you have authorized us to proceed with production.

Graphics n' Metal is not responsible for any error and/or omissions once this proof is signed. Therefore, any correction and/or remakes required after the sign off, due to customer oversight, will be charged in addition to the initial charges.

OK TO PROCEED

Signature: *[Handwritten Signature]*

CHANGES & RE-PROOF

Time: *06:35* Date: *1-11-07*

COMMENTS: YOUR COSTIS \$ 295.00

OK [signature]

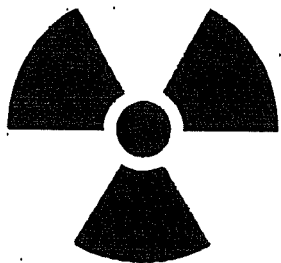
EQUITABLE PRODUCTION COMPANY

WV 507315

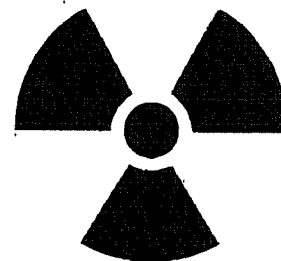
LORADO FIELD

LOGAN COUNTY, WEST VIRGINIA

API# 47-045-01909



CAUTION



THE FOLLOWING SOURCES WERE ABANDONED ON 22 DECEMBER 2006

592 Gbq (16.0 Ci) Am²⁴¹Be, NEUTRON SOURCE AT 5,993 FT.

63 Gbq (1.7 Ci) Cs¹³⁷, DENSITY SOURCE AT 6,009 FT.

WELL DEPTH @ 6,027 FT.

PLUG BACK DEPTH @ 5,730 FT.

TOP OF FISH @ 5,969 FT.

**DO NOT RE-ENTER THIS WELL BEFORE CONTACTING
REGION IV OF THE NUCLEAR REGULATORY COMMISSION
OR SCHLUMBERGER TECHNOLOGY CORPORATION**