

DOD

February 5, 1997

Mr. William L. Musselman  
President  
Eastern Well Surveys, Inc.  
3300 Old Airport Road  
Wooster, OH 44691

Dear Mr. Musselman:

This acknowledges receipt of your fax dated January 11, 1997, in which you state that as of January 10, 1997, you have ceased efforts to retrieve two lost well logging sources lodged in a 6,082' well. Your fax additionally requested approval to implement the plugging procedure detailed in your communication.

On January 14, 1997, you were contacted by Mr. Wayne Slawinski and Mr. George Parker of my staff seeking additional information concerning the procedure you intend to follow in abandoning the irretrievable well logging sources. During the course of those conversations, it was determined that the grappling device used to fish for the well logging tool was also lodged in the well, along with approximately 64' of drill pipe. The grappling device is approximately 140' above the logging device that contains the radioactive sources. It is our understanding that the grappling device and drill pipe will serve as a deflection device to satisfy 10 CFR 39.15(a)(5) and that you then intend to fill around and above the deflection device with approximately 200' of colored concrete to act as a plug. At the conclusion of those conversations, you were given verbal approval to implement the plugging procedure as detailed in your fax.

By this letter, formal approval is granted to implement the plugging procedure detailed in your communication of January 11, 1997 and to remind you of the reporting requirements contained in 10 CFR 39.77 and the placarding requirements of 10 CFR 39.15.

If you should have any questions regarding this matter please contact Mr. George Parker of my staff at (630) 829-9869.

Sincerely,  
Cynthia D. Pederson, Director  
Division of Nuclear Materials Safety

9702100464 970205  
PDR ADOCK 03005849  
C PDR

License No. 34-12927-01  
Docket No. 030-05849

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bcc: PUBLIC

WLR dtd 1/11/97

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| NAME   | GPARKER:jaw | WSLAWINSKI | JMADERA  | CPEDERSON |
| DATE   | 01/31/97    | 01/31/97   | 01/31/97 | 2/4/97    |

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# EASTERN WELL SURVEYS, INC.

3300 OLD AIRPORT ROAD  
WOOSTER, OH 44691

PHONE (330) 264-6560  
FAX (330) 263-4080

34-12927-01  
03005849

January 11, 1997

U.S. Nuclear Regulatory Comm.  
Region III  
801 Warrenville Road  
Lisle, Illinois 60532-4351

Attn: Mr. John Madera

The fishing operations for our logging tools and RA sources have ceased as of 01/10/97. It has been determined (after due diligence) that they can not be recovered. The following plugging and cement procedure is submitted for your approval.

Total depth of Well --- 6,082', Bottom of tools --- 6,052', Top of fish --- 5,912'. All of fish is to be covered with colored cement to a depth of 5,750'. The well will then be plugged to surface according to State of Ohio plugging procedures and specifications. (see enclosed diagram)

The well will then be placarded with a permanent metal plate to indicate the Isotope, source strength, depths and lowest plug depth not to be penetrated. (see enclosed sample)

A full report of loss, fishing operations, and plugging operations, well owner and location will follow at a later date.

Your prompt consideration and approval will be appreciated. Thanking you in advance for your help, I remain

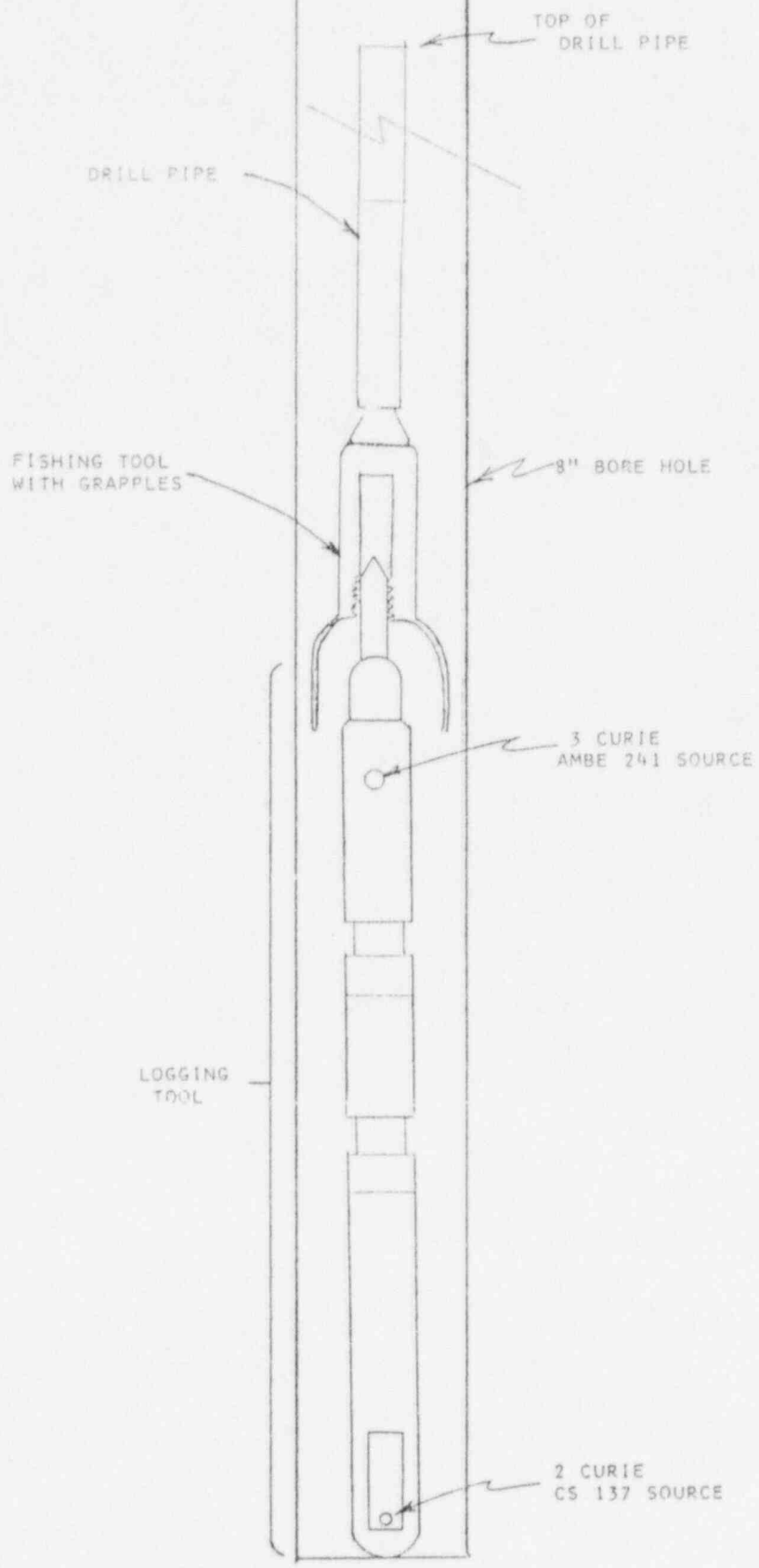
Very truly yours,

*Wm. L. Musselman*

Wm. L. Musselman, Pres. & RPO

1/13/97

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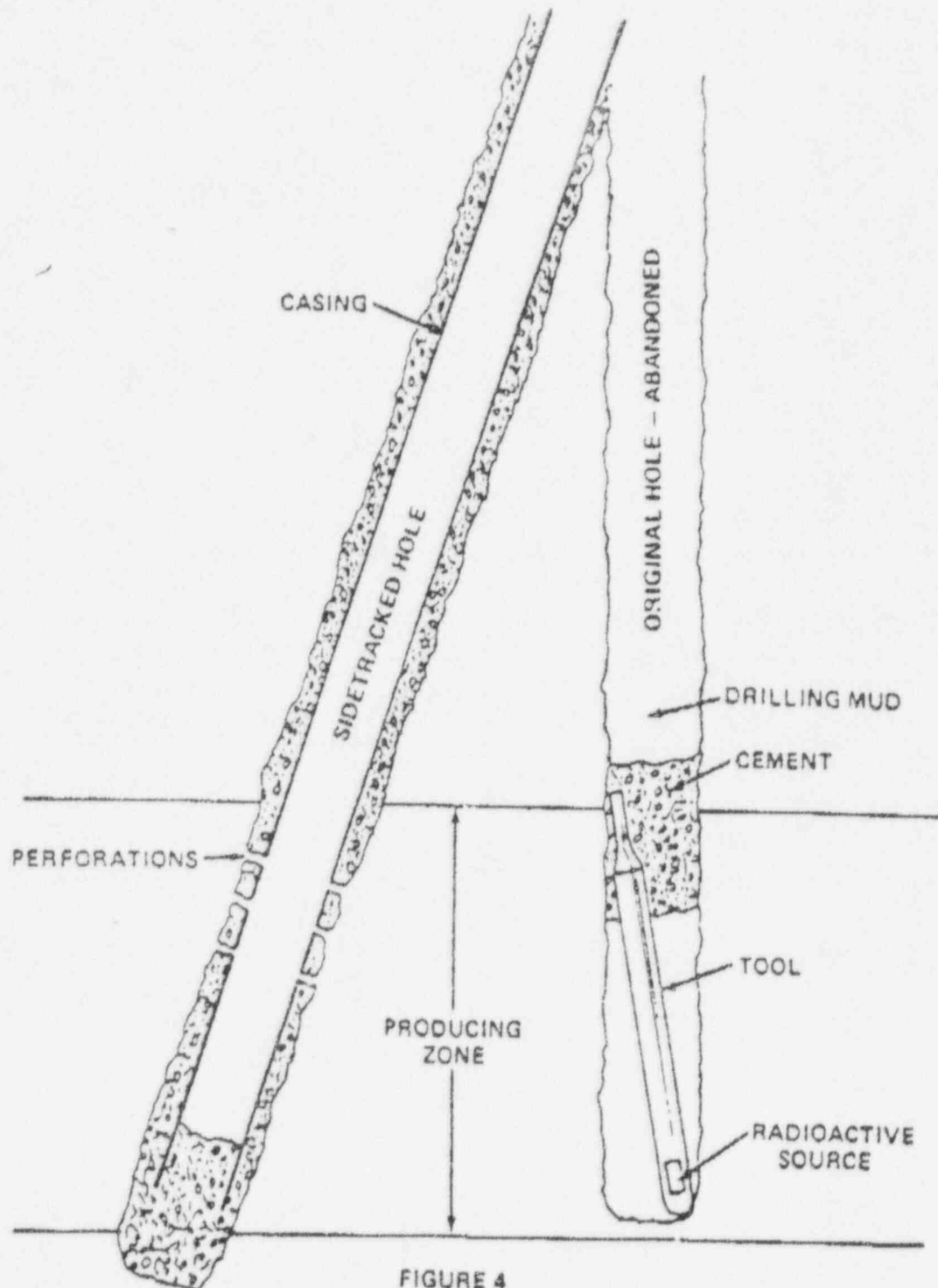


FIGURE 4

EXAMPLE OF PLAQUE FOR IDENTIFYING WELLS CONTAINING  
SEALED SOURCES OF RADIOACTIVE MATERIAL ABANDONED DOWNHOLE

B.I.G. OIL COMPANY  
UNIVERSITY NO. 1234



CAUTION



ONE 2 CURIE CS 137 RADIOACTIVE SOURCE ABANDONED  
3-3-75 AT 8400 FT. PLUG BACK DEPTH 8200 FT.  
DO NOT RE-ENTER THIS WELL BEFORE CONTACTING

(Add appropriate regulatory agency(s) name)



# EASTERN WELL SURVEYS, INC.

3300 OLD AIRPORT ROAD  
WOOSTER, OH 44691

## FACSIMILE COVER LETTER

DATE: JAN 11 / 1997 TIME: 9:30 AM EST

PLEASE DELIVER THE FOLLOWING PAGE(S) TO:

NAME: MR JOHN MADERA

COMPANY: U.S. NRC REGION III

FROM: WM L. MUSSELMAN

WE HAVE TRANSMITTED 5 PAGE(S) WHICH INCLUDES THE COVER SHEET.

IF YOU HAVE NOT RECEIVED THE ABOVE NUMBER OF PAGES PLEASE CALL US  
BACK AS SOON AS POSSIBLE:

OFFICE # 216-264-6560

FAX # 216-263-4080

## MEMO

NEED RESPONSE AS SOON AS POSSIBLE

\*\*\*\*\* -JOURNAL- \*\*\*\*\* DATE 01-11-1997 \*\*\*\*\* TIME 10:35AM \*\*\*\*\*

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