

**sperry-sun**  
**DRILLING SERVICES**

12 May, 1997

U.S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive, Suite 1000  
Arlington, Texas 76011

Attn: Linda Howel

Re: Notification of Source Abandonment USNRC License # 42-26344-01

Dear Madam:

This letter comprises the required 30 day notification of source abandonment as per 10CFR 39.77(d) as a follow-up to the telephone conversation with your office on 13 April, 1997.

Date of Occurrence: 13 April, 1997

Source(s) Abandoned: One (1) 3.0 Ci. Am-241 Be doubly encapsulated radioactive source, Solid, Special Form. Gammatron Model ANHP. Source Serial Number N012.

One (1) 2.0 Ci. Cs-137 doubly encapsulated radioactive source, Solid, Special Form. Amersham Model CDC.CY13. Source Serial Number 2010GW.

Sources held in a source housing, screwed in and locked in place, into the sidewall of a heavy pipe wall Measurement While Drilling logging tool.

Two (2) 0.5 uCi. Cs-137 doubly encapsulated radioactive source, Solid, Special Form located in Density MWD tool. Isotope Products Model 3024. Source Serial Numbers E-305 and E-309.

160030

Company Name, Surface  
Location and Well  
Identification:

Amoco  
OCS-G-5504 Well# A-8  
Eugene Island Block 224

9705160139 970512  
PDR ADOCK 03029470  
C PDR



3000 North Sam Houston Pkwy. East (77032) • P.O. Box 60070 • Houston, Texas 77205  
(281) 871-5100 • Telex 6868761 • Fax (281) 871-4269

A Dresser Industries, Inc. Company

1/1  
1072

Notification of Source Abandonment

12 May, 1997

Page 2 of 4

Casing Depth:	Casing set to 13,250 ft. MD (12,549 ft. TVD)
Depth of the Cement Abandonment Plug(s):	13,250 ft. MD - 13,363 ft. MD
Kick-off and Sidetrack Depth after Abandonment:	13,270 ft. MD (12,573 ft. TVD)
Depth to Top of the Fish: (Top of Abandoned Drillstring)	13,363 ft. MD (12,646 ft. TVD)
Length of Abandoned Drillstring Located above Abandoned Sources:	867 ft.
Depth of Sources:	The 2.0 Ci. Cs-137 source is located at 14,230 ft. MD (13,345 ft. TVD). The 3.0 Ci. Am-241 Be source is located at 14,298 ft. MD (13,401 ft. TVD).
Bit Depth:	14,338 ft. MD (13,434 ft. TVD)
Depth to Bottom of Well:	14,365 ft. MD (13,456 TVD)
Description of Recovery Attempts:	<p>8 April, 1997 - BHA stuck at 14,338 ft. MD at 1456 hrs. Circulating and jars going off. Jars quit working. Lubrseal pumped down.</p> <p>9 April, 1997 - Free point identified at 13,171 ft. MD at 0540 hrs. Backed off and circulated bottoms up. Jars picked and tripped in hole.</p> <p>10 April, 1997 - Jarring commenced on remaining BHA. Mud weight lowered and a 100 bbls of Black Magic spotted in the hole.</p> <p>11 April, 1997 - Jarring continued. Freepoint identified at 13,191 ft. MD. Backed off and tripped out of hole. Washpipe picked up.</p> <p>12 April, 1997 - Trip in hole with wash pipe. Start washing over fish at 1745 hrs. Finished was over and pull out of hole to pickup jars.</p>

Notification of Source Abandonment

12 May, 1997

Page 3 of 4

13 April, 1997 - Trip in hole with Jars at 1330 hrs. Decision was made by Amoco to propose plugging and abandoning the fish. Well started flowing and was shut in at 1945 hrs.

On 13 April, 1997 at 1800 hrs. proposed abandonment procedures discussed with Linda Howel of the Region IV office of the U.S. Nuclear Regulatory Commission by telephone conversation, approval granted for abandonment.

Results of Efforts to Immobilize and Seal the Source in Place:

On 13 April, 1997 the radioactive sources and remaining BHA were immobilized by placement of a cement plug.

The well was side tracked at 13,270 ft. MD (12,573 ft. TVD) on 14 April, 1997.

Warning Statement:

A warning plaque will be made and provided to Amoco for mounting on the wellhead. It will be possible to mount the plaque since there is a permanent structure available at this location. See attachment for Warning Statement plaque.

Other Agencies Notified in Writing:

Minerals Management Service - Houma District Office  
Texas Department of Health - Bureau of Radiation Control  
U.S. NRC Document Control Desk (Washington, D.C.)  
Louisiana Department of Environmental Quality - Radiation Protection Division

Please call Richard Arsenault at (281) 871-4144 if you have any questions.

Respectfully,



Richard L. Arsenault, CSP  
Radiation Safety Director  
Manager, Compliance Assurance/Worldwide  
Sperry-Sun Drilling Services, Inc.

Attachments: Warning Statement  
Record of Mounting Form

Notification of Source Abandonment

12 May, 1997

Page 4 of 4

cc: C. Brown  
R. Clark  
M. Kohlhauff  
G. Moore  
J. Newman  
NRC License File  
TBRC License File  
LDEQ License File

# Record of Mounting of Permanent Abandonment Identification Plaque

The Permanent identification plaque enclosed meets the requirements of the rules and regulations of the U.S. Nuclear Regulatory Commission as specified in 10 CFR Part 39.

As required by CFR Part 39.15, the permanent identification plaque is constructed of brass with a size of at least 7 inches with a 1/8 - inch thickness.

The plaque also contains the following as required:

- The word CAUTION,
- A radiation symbol,
- The date the source was abandoned,
- The name of the well owner or well operator,
- The well name and well identification numbers or other designation,
- An identification of the sealed source(s) by radionuclide and quantity of activity,
- The depth of the source and depth to the top of the plug, and
- An appropriate warning, such as DO NOT RE-ENTER THIS WELL.

The permanent identification plaque must be mounted at the surface of the well.

Company Name: \_\_\_\_\_

Well Name and No.: \_\_\_\_\_

Location: \_\_\_\_\_

Date of Abandonment: \_\_\_\_\_

Radionuclide / Activity: \_\_\_\_\_ / \_\_\_\_\_ S/N \_\_\_\_\_

Radionuclide Activity: \_\_\_\_\_ / \_\_\_\_\_ S/N \_\_\_\_\_

Please complete the following information and return to:

Sperry-Sun Drilling Services, Inc.

P.O. Box 600070

Houston, Texas 77205

Attention: Richard L. Arsenault

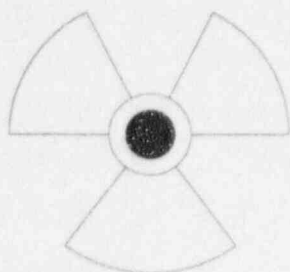
If you have any questions, please call Richard L. Arsenault at <sup>281 871</sup>(713) 987-4144 or fax to <sup>281 871</sup>(713) 987-4269.

Date of Receipt of Abandonment Plaque: \_\_\_\_\_

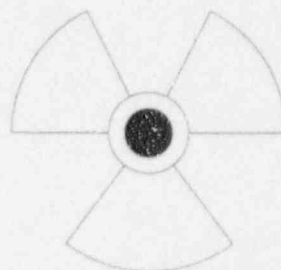
Date of Mounting of Abandonment Plaque: \_\_\_\_\_

Customer Signature \_\_\_\_\_

Amoco Production Co.  
OCS-G-5504 Well # A-8  
Eugene Island Block 224



# CAUTION



ONE 2.0 CURIE Cs-137 RADIOACTIVE SOURCE,  
AND ONE 3.0 CURIE Am-241 Be RADIOACTIVE  
SOURCE ABANDONED 4/13/97 AT 14,230 FT. MD  
(13,345 FT. TVD), AND AT 14,298 FT. MD (13,401 FT.  
TVD) PLUG BACK DEPTH 13,270 FT. MD (12,573 FT.  
TVD) AVOID BORE BELOW PLUG BACK, AND DO  
NOT REENTER THIS WELL BELOW PLUG BACK  
BEFORE CONTACTING U.S. NUCLEAR  
REGULATORY COMMISSION