

December 12, 2011



Nuclear Regulatory Commission Region IV
611 Ryan Plaza Dr., Suite 400
Arlington, Texas 76011-8064
Attn.: James Thompson

Re: NRC License No. 17-27437-01 (Docket 030-32818) Source Abandonment Report

(1) Date Occurrence: Tool stuck in hole on November 10, 2011 @ 21:05 hrs.

(2) Irretrievable Source Descriptions:

5 Ci (185 GBq) Americium-241/Be -	Serial Number: SN-73894B	QSA GLOBAL, CDC.CY4
2.5 Ci (92.5 GBq) Cesium-137 -	Serial Number: SN-71046B	QSA GLOBAL, AMN.CY3

(3) Surface Location & Well Identification:

Operator -	W&T Offshore Incorporated
Rig -	Blake 1006/ST 315
Well -	OCS-G 23946 A003 ST02BP01
Field -	South Timbalier Block 315
Rig Surface Location -	N 28° 5' 20.725" and W 90° 44' 13.408"
General Area -	Offshore Louisiana

(4) Results of Efforts Immobilize: Pumped concrete to immobilize and seal hole.

(5) Recovery Efforts: Please reference the attached document.

(6) Depth of Source(s):

Americium-241/Be -	12,118 feet Measured Depth (11,670 ft. TVD)
Cesium-137 -	12,126 feet Measured Depth (11,676 ft. TVD)

(7) Top of Cement Plug: Approximately 11,800 feet Measured Depth (11407.96 ft. TVD)

Proposed KOP Cementing Procedure was as follows:

Cement Plug set from 11,800 ft. MD (11,407.96 ft TVD) to 11906 ft. MD (11496.43 ft. TVD)

Pump 20 bbls Ultra Flush (21 sacks of Class H cement plus mixing fluids) spacer then pump 16.4 ppg of class "H" cement to approximately 11800 feet MD (11407.96 feet TVD). Finally pump 82 bbls of water based mud at 15.5 ppg. To complete a 100 foot bypass cement plug. Then dress off plug with scraper.

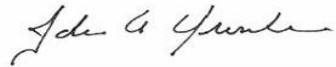
Client elected to set a whip stock (deflection device) on top of the bypass cement plug inside the casing and cut a new casing window to sidetrack the well. The whip stock will be the deflection device.

(8) Depth of Well: 12,200 feet Measured Depth (11,737 ft TVD)

(9) Other Information: N/A

(10) Agencies Notified: Nuclear Regulatory Commission

Thank you for your attention to this matter,

A handwritten signature in black ink, appearing to read "John A. Yunker". The signature is written in a cursive style with a large initial "J".

John A. Yunker
Radiation Safety Officer
[E-mail: john.yunker@bakerhughes.com](mailto:john.yunker@bakerhughes.com)

W & T Offshore, Inc.

OCS-G 23946 A003ST02BP01

South Timbalier Block 315

Offshore, Louisiana

Submitted By:

Jerry Ashmore

Bruce E. Webb

Nabil Loukah

Blake Moore

Date : 10 November 2011

Disclaimer

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Chronological Drilling Summary

10 November 2011

0000 Set bit depth on stand 114 at 11917.62 feet.
0005 Fill pipe.
0035 Get caliper correction factor at 11922 feet.
0040 Get slow pump rate at 11930 feet.
0055 Bit outside casing. **Begin AP Run 1.**
0120 On bottom drilling new formation.1
0255 Orient tool face at 12022 feet.
0355 Back on bottom.
0407 Orient tool face at 12023 feet.
0420 Increase flow rate to 190 gpm.
0526 Back on bottom.
0630 Trouble shooting coman monitor – Network issues.
0645 Trouble shoot RD2 screen (flickering).
0710 Off bottom at 12040 feet. Pump 1 is offline for repairs.
0730 Back on bottom.
0807 End slide at 12050 feet.
0812 Back on bottom.
0915 Mud resistivity check at 12072 feet. Rm=1.95 ohm.m.
0920 Sand content = trace.
0945 Check shot (Magnetic interference).
0954 Back on bottom.
1241 Check shot at 12055 feet (Magnetic interference).
1257 Decoding issues- change out correlator and disable low pass filter.
1440 End of slide at 12140 feet.
1500 Check shot at 12086 feet.
1509 Back on bottom.
1510 Pump Sweep at 12145 feet.
1705 Off bottom at 12172 feet for checkshot.
1709 Check shot at 12118 feet.

- 2019 Reboot real-time machine.
- 2050 Recalculate density, neutron, caliper.
- 2057 Getting errors during recalculation. Call David Boucher.
- 2105 Pipe stuck at 12200 feet.
- 2110 Rack one stand back and pick up a single to work pipe.
- 2130 Work pipe in attempt to get it free.
- 2253 Call Gary Tautkus to discuss current situation.

11 November 2011

- 0000 Working pipe at 12200 feet.
- 0630 Waiting on free point hands.
- 1320 Rig up for free point.
- 2115 Wireline determined the drill string was stuck at 11955 feet.
- 2200 Run in hole with string shots to back off of fish.

12 November 2011

- 0000 Running in hole with wireline to back off of fish.

13 November 2011

- 0000 Tripping in the hole with fishing jars.
- 0230 Slip and cut drill line.
- 1930 Unable to free bottom-hole-assembly. Decision is made to abandon bottom-hole-assembly with the nuclear sources in the hole. Contact Baker Hughes Radiation Safety Officer to get permission from the NRC to abandon the sources in the hole.
- 2000 Permission is granted by the NRC to abandon the nuclear sources in the hole. The cabin was contacted by the RSO in Broussard.

14 November 2011

- 0000 Continue fishing operations
- 0400 Currently tripping out of the hole with fishing jars in preparation to cement the bottom-hole-assembly in the hole.
- 2300 Beginning pumping 15.5 ppg of spacer before pumping cement.

15 November 2011

- 0100 Complete cementing operations. It will take 18 hours for the cement to harden.
- 0200 Pull out of the hole with the cementing equipment.

16 November 2011

- 0000 Trip in hole to dress off cement plug
- 0800 Begin tripping out of the hole with scraper assembly. The top of the cement is 11800 feet MD and the bottom of the cement is at 11,906 feet MD.
- 2200 Run in hole on wire line with a junk basket and a ring gauge to set the bridge plug. Bridge plug set at 11,754 feet MD. The cement and bridge plug tested fine.

17 November 2011

- 0400 Pick up the whip stock and milling assembly in preparation to sidetrack the well. The preparation of the window will take 2 runs
- 2300 Tripping in the hole with the milling assembly and whip stock. The rig is still waiting on approval.

18 November 2011

- 0400 Begin milling window
- 1200 Continue milling window.
- 2000 Milled about 2 feet of window. The rig is currently pulling out of the hole for a new mill.

19 November 2011

- 0230 Tripping in hole with new milling assembly to complete milling. The rig should pick up new drilling tools to begin the sidetrack tomorrow.

20 November 2011

0530 Complete milling the casing window and 20 feet of new rat hole. The FIT test was good. The rig is currently pulling out of the hole with milling assembly. Once out of the hole, the rig will test BOP's. The rig will pick up tools late tonight or early in the morning.

21 November 2011

0000 Midnight is depth 11751 feet.

0145 Start picking up bottom hole assembly. Scribe MWD to mud motor at 346°.

0150 Plug into tools and run verification.

0210 Unplug from tools

0215 Tool below rotary table. **Begin MWD RUN 1.**

0250 Scribe mud motor to mule shoe.

0300 Start tripping in hole.

0320 Fill up pipe.

0325 Good surface test.

0430 Continue tripping in hole.

1953 Orient tool face to slide.

2056 Set bit depth to 11739.36 feet and block positions to 95.4 feet.



INTEQ

Sources Stuck / Lost in Hole

Job Number	4149071
Gamma Source serial number (and activity)	Cesium-137. 92.5 GBq. SN: 73894B
Neutron Source serial number (and activity)	Am-241/Be. 185 GBq. SN: 71046B
Stuck time / date	21:05:00 / Nov 10, 2011
Abandoned time / date	01:00:00 / Nov 15, 2011
Location	South Timbalier Block 315 Wellhead Lat: N 28° 5' 20.725" Wellhead Long: W 90° 44' 13.408"
Rig / platform	Blake 1006 / ST 315
Well	OCS-G 23946 A003 ST02BP01
Operator	W & T Offshore, Inc.
OIM / Platform Manager	Ricky Poe
Regulatory Authority	United States Nuclear Regulatory Commission
License reference if available	030-32818
Radiation Protection Supervisor	Jerry Ashmore Jr.
Water depth	453 ft
Hole depth (MD & TVD)	12200 ft / 11737 ft
Bit depth (MD & TVD)	12200 ft / 11737 ft
Gamma Source Location	MD=12126 ft / TVD=11676 ft / N= 1975 ft / E= 482 ft
Neutron Source Location	MD=12118 / TVD=11670 / N=1972 / E= 478 ft

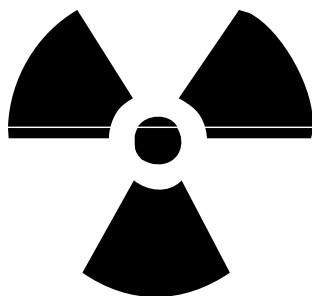
Notes:- The string was stuck while making a connection after Kelly down. We were able to free point from the stuck BHA and run in the hole with a fishing jar assembly. The fishing operation was not successful, and the NRC has given us permission to abandon sources and set 100 ft cement plug.

Reported by : - Jerry R. Ashmore Jr.

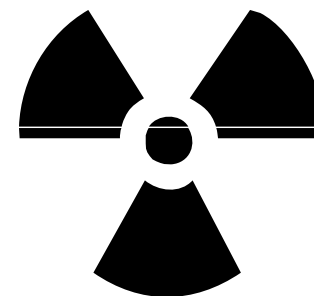
Date:- Nov 10, 2011

Send to the Base RPS

W&T Offshore Inc.
0CS-G 23946 A003 ST02 BP01
South Timbalier Block 315
N 28 deg 5' 20.73" & W 90 deg 44' 13.41"



CAUTION



ONE 2.5 CURIE Cs-137 RADIOACTIVE SOURCE ABANDONED
Nov. 13, 2011 AT 12,126 FT MD. (11,676 FT TVD) AND ONE 5
CURIE AM-241/Be RADIOACTIVE SOURCE ABANDONED Nov. 15,
2011 AT 12,118 FT. MD (11,670 FT. TVD). TOP OF FISH AT
11,910 FT MD (11,457 FT TVD).

DO NOT ENTER WELL BEFORE CONTACTING

NUCLEAR REGULATORY COMMISSION