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JUL 12 2017

July 11, 2017

DNMS



Nuclear Regulatory Commission Region IV
1600 E. Lamar Blvd.
Arlington, Texas 76011-4511
Attn.: Mr. Mark Shaffer, Director, Division of Nuclear Materials Safety

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JUL 12 2017

Re: NRC License No. 42-02964-01 Source Abandonment Report

(1) Date Occurrence: Tool stuck in hole on June 14, 2017 @ 04:00 hrs.

DNMS

(2) Irretrievable Source Descriptions:

5 Ci (185 GBq) Americium-241/Be -	Serial Number: SN-87909B	QSA GLOBAL, AMN.CY3
2.5 Ci (92.5 GBq) Cesium-137 -	Serial Number: SN-90659B	QSA GLOBAL, CDC.CY4

(3) Surface Location & Well Identification:

Operator -	Enven Energy Ventures LLC
Rig -	Ensco 68
Well -	OCS-G 16432 B001 ST01BP00
Field -	South Timbalier Block 204
Rig Surface Location -	N 28° 27' 33.049" and W 90° 23' 49.976"
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 -	18,990 feet Measured Depth (17,755 ft. TVD)
Cesium-137 -	19,000 feet Measured Depth (17,764 ft. TVD)

Proposed Cementing Procedure was as follows:

800 foot kick off plug at 18,547 feet MD.

Stage

- a. Circulate and condition mud prior to cementing, one full circulation.
- b. Verify Lot#'s on lab report match Lot#'s used on job
- c. Production blend will be used

- 1.) Break circulation with spacer
- 2.) Pressure test lines to customer specifications.
- 3.) Pump 40 bbls weighted spacer ahead
- 4.) Batch up 17.2 ppg cement as per lab report
- 5.) Mix and pump 17.2 bbls cement

- 6.) Pump 2 bbls weighted spacer and verify balance plug
- 7.) Displace with 305.4 bbls 16.5 ppg Oil Based Mud. Displace at 5-7 bpm to ensure good displacement efficiency. Minimum under displacement 2-3 bbls.
- 8.) Pick Up 300 feet above theoretical top of cement (TOC) (17,447 feet MD) and circulate out. Recommended pull rate 20-30 feet/minute.
- 9.) Reverse out minimum 2 drill pipe volumes, circulate and condition mud.
- 10.) Wait on cement a minimum 18 hours before kickoff operations.

200 foot open hole plug at 18,847 feet MD.

Stage

- a. Circulate and condition mud prior to cementing
 - b. Verify Lot #'s on Lab Report match Lot #'s used on Job
 - c. Production Blend will be used
-
- 1.) Break circulation with spacer
 - 2.) Pressure test lines to customer specification.
 - 3.) Pump 20 bbls Weighted Spacer Ahead
 - 4.) Batch up 17.2 ppg cement as per lab report
 - 5.) Mix and pump 19 bbl cement
 - 6.) Pump 1 bbls Weighted Spacer Behind (verify balance plug)
 - 7.) Displace with 315.8 bbls 16.5 ppg Oil Based Mud (316.8 bbls total)
 - 8.) PU to minimum top of Plug (18,647 feet MD)
 - 9.) Reverse Out, circulate and condition mud
 - 10.) Confirm verification technique, if required to tag – wait on cement (WOC) minimum 12 hours.

Customer elected to sidetrack the well.

(7) Depth of Well: 19,047 ft. MD (17,803 ft. TVD)

(8) Other Information: N/A

(9) Agencies Notified: Nuclear Regulatory Commission

Thank you for your attention to this matter,

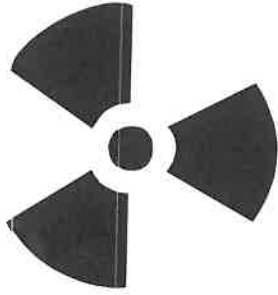


John A. Yunker
 Radiation Safety Officer
 E-mail: john.yunker@bakerhughes.com

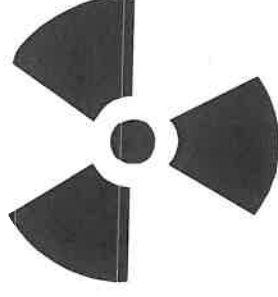
Enven Energy Ventures LLC
OCS-G 16432 B001 ST01BP00

South Timbalier Block 204

N 28 deg 27' 33.049" & W 90 deg 23' 49.976"



CAUTION



ONE 2.5 CURIE Cs-137 RADIOACTIVE SOURCE ABANDONED
June 22, 2017 AT 19,000 FT MD. (17,764 FT TVD) AND ONE 5
CURIE AM-241/Be RADIOACTIVE SOURCE ABANDONED June
22, 2017 AT 18,990 FT. MD (17,755 FT. TVD). TOP OF FISH AT
18,847 FT MD (17,635 FT TVD).

DO NOT ENTER WELL BEFORE CONTACTING

Nuclear Regulatory Commission