

July 17, 2003



Nuclear Regulatory Commission Region IV  
11 Ryan Plaza Dr., Suite 400  
Arlington, Texas 76011-8064  
Attention: Mr. Richard Leonardi

JUL 20 2003

Re: NRC License No. 17-27437-01 Source Abandonment Report

1) Date Occurrence: Tool stuck in hole on June 28, 2003 at approximately 06:57 AM.

2) Irretrievable Source Descriptions:

Ci (185 GBq) Americium-241/Be -	Serial Number: NLS - 9985
Ci (74 GBq) Cesium-137 -	Serial Number: DLS - 1229

3) Surface Location & Well Identification:

Operator -	BP
Well -	Adriatic II
Field -	J004 ST01BP00
Well Location -	Grand Isle, Block 39
Well Surface Location -	6503.88 FSL and 3979.66 FEL
General Area -	Federal Waters, Offshore Louisiana

4) Results of Efforts Immobilize: Pumped concrete to immobilize and seal top of hole. Top of cement plug at 7,100 ft MD (6,693 ft TVD).

5) Recovery Efforts: Please reference the attached daily log.

6) Depth of Source(s):

Americium-241/Be -	15268.8 feet Measured Depth (11,724.2 ft. TVD)
Cesium-137 -	15,280.3 feet Measured Depth (11,729.3 ft. TVD)

7) Top of Cement Plug: Approximately 14,601 feet measured depth (11,400 TVD).

8) Depth of Well: 15,826 feet Measured Depth (11,971 ft TVD)

9) Other Information: N/A

10) Agencies Notified: MMS

Thank you for your attention to this matter,

Robert E. Winders, RRPT  
Radiation Protection Officer



INTBU

Client

Job

Proj

ADRIATIC II

Well

004 ST01BP00

Hole Section

9 1/2"

BHI Run # 7

Flow range:	370-630 GPM
Transmission:	XAAC0GK0.0K1
Memory capacity:	143 Hrs

	Stop Sub	MAP	CCN	ORD	AUTOTRAK	RNT			
Serial number	10060579	1E+07	10078025	10067761	ATK 1008667	20078			
Length (ft)	1.67	3.78	7.70	9.86	39.63				
Weight (lbs)	130	357	810	840	2860				
Sensor offset from bottom of sub (ft)	N/A	1.81	5.57	4.50	RES 19.05	GR 17.75	ATI 3.00	NBI 3.00	DIR 33.85

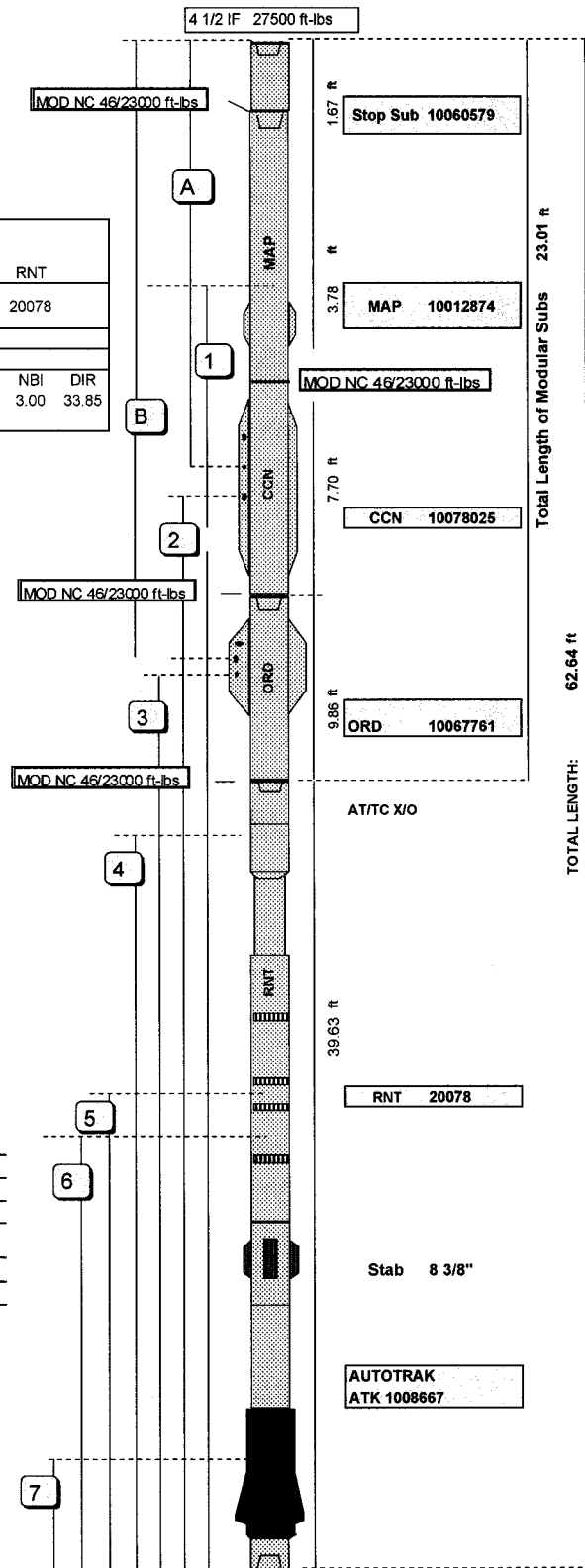
<b>Total length of tool:</b>	<b>62.64 ft</b>
Total weight of tool:	4997 lbs
Neutron source from top of tool:	7.49 ft (A)
Density source from top of tool:	19.04 ft (B)
OD of tool:	6 3/4"
Density stabilizer size/offset from bit:	8 3/8" 45.18
AutoTrak upper stab size/offset bit:	8 3/8" 12.86
Bit Length	1.05 ft

	Sensor offsets from bottom of the tool	Sensor offsets from the bit
1. MAP	59.00 ft	60.05 ft
2. Neutron	55.06 ft	56.11 ft
3. Density	44.13 ft	45.18 ft
4. Directional	33.85 ft	34.90 ft
5. Resistivity	19.05 ft	20.10 ft
6. Gamma Ray	17.75 ft	18.80 ft
7. Near Bit Inc.	3.00 ft	4.05 ft

**NB! Do not torque/break any of the connections without a BHI hand present on the drill floor !!**

**Comments:** The tool will be assembled from two parts:

1. ATK
2. STOP, MAP, ORD, CCN



Total Length of Modular Subs 23.01 ft

TOTAL LENGTH: 62.64 ft



**27 June 2003**

0000 Drilling ahead at 15826 feet (11971 TVD).  
0012 Cycle pumps to clear ORD error at 15826 feet MD.  
0017 ORD error gone.  
0024 Back on bottom, drilling ahead.  
0100 Increase mud weight in to 13.4 ppg.  
0131 Kelly down at 15870 feet MD.  
0143 Back on bottom, drilling ahead.  
0301 Kelly down at 15965 feet MD.  
0306 Pump a sweep.  
0332 Back on bottom, drilling ahead.  
0426 Kelly down at 16062 feet MD.  
0437 Back on bottom, drilling ahead.  
0520 Off bottom at 16117 feet (12100 TVD).  
0523 Cycle for survey.  
0822 Downlink to Ribs Off failed pulsing through the  
downlink.  
0835 Cycle pumps.  
0840 Downlink to Ribs Off.  
0855 Pump a slug.  
0857 Pull up to shoe.  
1145 Servicing top drive in shoe.  
1230 Trip back down to bottom.  
1315 Reaming tight spot.  
1415 Circulating off bottom.  
1420 Pump a sweep.  
1445 Losing returns.  
1730 Pull up to shoe to monitor the well.  
2100 Monitoring the well from the shoe.  
2241 Circulating at the shoe at 300 gpm.  
2344 Pumps off.

### **28 June 2003**

- 0040 Begin tripping to bottom.
- 0130 Staging pumps up at 15680 feet MD.
- 0319 Drop the ball to open the bypass sub.
- 0422 Pump LCM pill through the bypass sub.
- 0530 Begin to pull out of the hole to the shoe.
- 0657 Drill string stuck in the hole.
- 0700 Draw works brakes failed. The rig is down to repair brakes.
- 0710 Drop the ball to close the bypass sub.
- 1900 Repairs complete on Top Drive.
- 1905 Begin jarring.

### **29 June 2003**

- 0000 Continue jarring on stuck drill string.
- 0300 Rig up Schlumberger to run free point.
- 0615 Begin running free point tool.
- 1200 Rig up string shot and run the tool in the hole.
- 1430 Backoff the drill string at 15157 feet MD.
- 1500 Pull out of the hole with the wireline tool and rig Schlumberger.
- 2000 Lay down 30 stands of drill pipe.
- 2200 Trip in the hole with the RTTS tool and set the storm packer at 372 feet MD.

### **30 June 2003**

- 0000 Prepare the rig for evacuation for Tropical Storm Bill.
- 0600 Waiting on the weather.

### **01 July 2003**

- 0000 Prepare the rig for normal operations.

- 0430 Open the storm choke and monitor the well.
- 0500 Pick up 12 joints of 5 inch drill pipe and pull the storm choke. Pick up 4 additional stands of drill pipe and trip in the hole to 14456 feet MD.
- 0730 Circulate and condition the mud.
- 1000 Slip and cut drill line.
- 1130 Check for flow and pump a slug.
- 1200 Pull out of the hole and lay down one 6 1/2 inch drill collar.
- 1630 Clean the floor and service the rig.
- 1700 Pick up 20 stands of 5 inch drill pipe and rack them back in the derrick.
- 1900 Waiting on wash pipe to arrive at the rig.
- 2030 FSEs, Greg Mouton and Bill Ashmore, arrive on the rig.
- 2100 Off load the wash pipe from the work boat.
- 2200 Pick the wash pipe and trip in the hole.

### **02 July 2003**

- 0000 Continue to trip in the hole slowly with the wash pipe.
- 1500 Begin to wash and ream from the shoe.
- 1645 Unable to wash and ream past 14627 feet MD.
- 1700 Circulate bottoms up and prepare to pull out of the hole.
- 1900 Begin tripping out of the hole.

### **03 July 2003**

- 0000 Continue to trip out of the hole.
- 0430 Lay down the wash pipe.
- 0600 Start picking up pipe while tripping in the hole to set cement plug.
- 1230 Rig up Halliburton cement head.
- 1330 Circulate and condition mud.
- 1700 Pump cement plug.

- 1900 Pull out of the hole to 14086 feet MD.
- 1930 Circulate and condition mud.
- 2200 Pump slug and pull out of the hole.

#### **04 July 2003**

- 0230 Rig up elevators to lay down 22 joints of 2 7/8 inch tubing.
- 0530 Test BOPs.
- 1611 Plug into the backup tool to perform a deck test of the tool.
- 1702 Plug into Run 8 tool to retest.
- 1722 Unplug from the tool.
- 2045 Pick up the AutoTrak tool.
- 2135 Plug into the tool in the derrick to poll and verify.
- 2200 AutoTrak tool in the hole for the beginning of Run 8.

#### **05 July 2003**

- 0005 The shallow test of the tool is OK.
- 0015 Downlink to the tool is successful.
- 0020 Continue trip in the hole.
- 0639 Set depth to 14441.21 feet.
- 0658 Pumps on at 14491 feet.
- 0707 Kelly down at 14535 feet.
- 0713 Pumps on – Tool not pulsing.
- 0738 Kelly down at 14630 feet.
- 0740 Pumps off.
- 0743 Pumps on at 500 GPM – no pulses.
- 0747 Back on bottom, drilling ahead.
- 0805 Pumps off at 14655 feet – kick off point.
- 0811 Pumps on at 320 GPM – no pulses.
- 0817 Pumps on at 400 GPM – no pulses.
- 0820 Pumps on at 480 GPM – no pulses.

0825 Pumps on at 520 GPM – no pulses.  
0827 Pumps off.  
0833 Pumps on at 525 GPM to circulate bottoms up – no pulses.  
0845 Downlink to Steer Force = 100% - still no pulses.  
0948 Pump a slug.  
0955 POOH.  
1500 Tool out of hole – End Run 8.  
1510 Plug into tool – Memory until 0707.  
1525 Unplug from tool.  
1545 Lay down tool.  
1550 Begin picking up new BHA.  
1610 Plug into tool.  
1620 Unplug from tool.  
1645 Tool below rotary table – Begin Run 9.  
1723 Surface test of the tool is OK.  
1730 Cycle the pumps to 500 gpm. Downlink is dropping out and coming back with an FID 6.  
1738 Pumps off. Run in the hole 10 more stands.  
1820 Shallow test of the tool is OK.  
1824 Downlink of the tool is successful.  
2330 Stop at the shoe to slip and cut the drill line.

**06 July 2003**

0049 Start circulating.  
0100 Set the depth tracking at 1444.17 feet MD.  
0114 Kelly down at 14535 feet MD.  
0130 Kelly down at 14631 feet MD.  
0132 Sidetrack recorded at 14655 feet MD (11430 feet TVD).  
0146 On bottom drilling.