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|----------------------------------|----------------------------------|--------------|-------------------------|-----------|---------------|
| LOCATION: | Latitude: 32° 43.3928' S | TIME: | Start Hole: 1345 | 24-Oct-97 | Total: |
| | Longitude: 57° 15.9606' E | | Spud Hole: n/a | n/a | 917.3 Hours |
| Territorial Jurisdiction: | International | | End Hole: 1900 | 01-Dec-97 | 38.2 Days |

| | | | | |
|---------------------------|----------------------------------|--------------------------------------|--|---|
| DRILL PIPE DEPTHS: | Water Depth: 720.6 (mbsl) | Sea Floor Depth: 731.0 (mbrf) | Penetration Depth: 1508.0/606.0' (mbsf) | Total Depth: 2239.0/1337.0' (mbrf) |
|---------------------------|----------------------------------|--------------------------------------|--|---|

| BIT DATA: | Bit Size: | Make: | Model No.: | Jets: | Serial No.: | Cum. Hours: | Cum. Mtrs: | Graded: |
|------------------|------------------|--------------|-------------------|--------------|--------------------|--------------------|-------------------|-------------------------------------|
| Core Bit No. 1 | 9-7/8" | RBI | C-7 | 4x16 | BM109 | 25.9 | 51.5 | 4,1,FC,N,E(B3),1,WT,DTF |
| Core Bit No. 2 | 9-7/8" | RBI | C-7 | 4x16 | BM111 | 36.0 | 86.4 | 5,2,FC,N,E(B4),1,WT,CD,HR |
| Core Bit No. 3 | 9-7/8" | RBI | C-7 | 4x16 | BM114 | 43.8 | 109.4 | 8,3,FC,BT,N,E(B5),1,WT,HR |
| Core Bit No. 4 | 9-7/8" | RBI | C-7 | 4x16 | BM113 | 46.8 | 137.2 | 8,3,FC,BT,N,E(B4),1,WT,HR |
| Core Bit No. 5 | 9-7/8" | RBI | C-7 | 4x16 | BM115 | 47.3 | 98.2 | 8,3,FC,BT,N,E(B4),1,WT,TQ |
| Core Bit No. 6 | 9-7/8" | RBI | C-7 | 4x16 | BM110 | 45.9 | 111.9 | 8,4,FC,BT,LT,G,E(B3),1,WT,TQ |
| Core Bit No. 7 | 9-7/8" | RBI | C-7 | 4x16 | BM108 | 33.3 | 91.7 | 5,1,FC,N,E(B4),1,WT,TQ |
| Core Bit No. 8 | 9-7/8" | RBI | C-7 | 4x16 | BM107 | 53.8 | 169.5 | 8,3,FC,BT,N,E(B4),1,WT,TQ/HR |
| Core Bit No. 9 | 9-7/8" | RBI | C-7 | 4x16 | BM106 | 8.8 | 25.8 | 4,1,NO,N,E(B3),2/16,WC |
| Core Bit No. 10 | 9-7/8" | RBI | C-7 | 4x16 | BM112 | 33.9 | 121.6 | bit left in hole¹ |

Note: The 2 tricone drill bits and 2 reentry cleanout bits for logging were excluded from this list since there was no applicable wear, hours, or footage.

| BEACON DATA: | Model: | Serial No. | Frequency: | Power: | Deployed: | Recovered: | Total Hours: | |
|---------------------|---------------|-------------------|-------------------|---------------|------------------|-------------------|---------------------|-------|
| Primary #1 | Datasonics | 354M | 2025 | 16.0 kHz | 208 dB | 1825/24 Oct | 1730/1 Dec | 911.3 |
| Back-up #2 | Datasonics | 354M | 2040 | 14.0 kHz | 205 dB | 1345/24 Oct | 1645/1 Dec | 915.0 |

BOTTOM HOLE ASSEMBLY (BHA): ¹**NOTE: Pin failure. Total of 26 stands 5" DP plus 172 m of BHA left in hole!**

Coring: Bit, Bit Sub, Outer Core Barrel, Top Sub, Head Sub, 10 each 8-1/4" Drill Collars, Tapered Drill Collar, 2 stands of 5-1/2" Drill Pipe, X/O
Fishing: Overshot w/bit sub as req'd., 10 ' 8-1/4" Drill Collar pup, 2-8 ea 8-1/4" Drill Collars, Tapered Drill Collar, 2 stands of 5-1/2" Drill Pipe, X/O
Logging: RE cleanout bit, 2 ea 8-1/4" Drill Collars, Landing/Saver Sub w/Mod. Land. Ring f/VSP, Tapered Drill Collar, 2 stands of 5-1/2" Drill Pipe, X/O
(Note: A total of 3 sets of drilling jars were used (placed in BHA w/2 collars above) until the units developed cracks and were taken out of service)

DOWNHOLE TOOLS/MEASUREMENTS (Orientation, temperature, water sampler, etc.):

Phase I of logging was conducted to 492 mbsf prior to coring. The BHA was placed at 49 mbsf and 3 tool strings were deployed: (1) natural gamma (NGS), accelerator porosity (APS), hostile environment lithodensity (HLDS), dual ateral log (DLL) and temperature tool; (2) NGS, dipole shear sonic imager (DSI) and formation microscanner (FMS). This run was aborted due to data aquisition difficulties; (3) NGT, general purpose inclinometry tool (GPIT), and DLL. After DP failure Phase II logging went to 595 mbsf. This consisted of 4 tool string deployments with the following tools: (1) HLDT, caliper, APS, and HNGS; (2) NGT, DSI, GPIT, and FMS (same problem as before w/FMS data); (3) NGT, GPIT, and DLL. (4) Schlumberger VSP-ASI .

| DRILLING/CORING STATISTICS: | | | Meters | Meters | Percent | Meters | Total | Average |
|-----------------------------|---------|--------------|--------|-----------|----------|---------|--------|-----------------|
| Coring System | Bit No. | No. of Cores | Cored | Recovered | Recovery | Drilled | Meters | (Range of ROP) |
| RCB | 1 | 8 | 51.5 | 34.32 | 66.6% | 0.0 | 51.5 | 2.0 (1.3 - 2.9) |
| RCB | 2 | 15 | 86.4 | 64.05 | 74.1% | 0.0 | 86.4 | 2.4 (1.3 - 4.9) |
| RCB | 3 | 13 | 109.4 | 96.43 | 88.1% | 0.0 | 109.4 | 2.5 (2.1 - 4.3) |
| RCB | 4 | 16 | 137.2 | 106.15 | 77.4% | 0.0 | 137.2 | 2.9 (1.9 - 4.9) |
| RCB | 5 | 11 | 98.2 | 91.28 | 93.0% | 0.0 | 98.2 | 2.1 (1.6 - 2.6) |
| RCB | 6 | 12 | 111.9 | 106.35 | 95.0% | 0.0 | 111.9 | 2.4 (1.9 - 3.2) |
| RCB | 7 | 11 | 91.7 | 86.81 | 94.7% | 0.0 | 91.7 | 2.8 (1.8 - 4.3) |
| RCB | 8 | 19 | 169.5 | 140.80 | 83.1% | 0.0 | 169.5 | 3.1 (2.1 - 6.1) |
| RCB | 9 | 4 | 25.8 | 25.44 | 98.6% | 0.0 | 25.8 | 2.9 (2.0 - 3.2) |
| RCB | 10 | 13 | 121.6 | 114.36 | 94.0% | 0.0 | 121.6 | 3.6 (2.9 - 5.2) |

| FORMATION DATA: | Cored Interval (mbsf) / Nature / Description: | | Comments: |
|-----------------|---|-------------------|---|
| 0 - 500.7 | mbsf | Cored on Leg 118. | Gabbro/Olivine-Gabbro |
| 504.8 - 1508.0 | mbsf | Cored on Leg 176. | Gabbro/Olivine-Gabbro |
| | | | Lower 0.7 m cored with 3-3/4" NCB. Leg 176 tagged 4.8 m deeper than Leg 118. |

MUD/CEMENT USAGE:

Bentonite gel mud weeps were pumped in volumes of 20-30 bbls every other core or after every core if rapid ROP or other hole conditions warranted.

WEATHER/SEAS:

Weather and sea state was variable throughout the leg. Large, long period, swells from the south were prevalent most of the leg creating large vessel heave (2-3 m). Swells were often from two different directions and when coupled with the moderate wind (20-30 kt) and erratic current (1-2 kt from a northerly or southerly direction) they created some difficulty for the DP operators in minimizing roll/pitch. Gale force 8/9 winds and seas were experienced at times during the leg. Due to the shallow water this led to several yellow and red positioning alerts.