

Chikyu DAILY MORNING REPORT

Mission No. : CK13-04

Exp. No. : Exp 348

Report No. : 131

Site Name : C0002 Hole Name : C0002P Lat. : 33° 18.0507'N Long. : 136° 38.2029'E
 Depth : @24.00 4932 mBRT 2964.5 mbsf (14.5') Progress : Seabed Depth : 1,967.5 mBRT RTMIS : 28.5 m
 Depth : @06.00 4932 mBRT 2964.5 mbsf (14.5') Drilling/Coring/Underreaming Hrs : 0.00 hrs LAST CASING : 11-3/4" liner x 2,922.50 mbsf (4,890.0 mBRT)
 Summary of Operation on 21-Jan : Pressure test cement plug, Displace riser with seawater, recover wear bushing, rig up riser handling tool.
 Present Operation @ 06:00 on 22-Jan : Rig up riser handling tool.
 Time Breakdown (00:00 - 24:00 on 21-Jan) mBRT: meter below rotary table mbsf: meter below sea floor

| From | To | Hrs | Code | Detail of Operation |
|-------|-------|------|-------|---|
| 0:00 | 2:30 | 2:30 | Trip | Continue to POOH w/diverter tool to surface. Two sponge ball recover in diverter tool. |
| 2:30 | 6:15 | 3:45 | Trip | RIH WBRRT assembly to 1908mBRT. |
| 6:15 | 7:45 | 1:30 | P&A | Pressure test plug back cement plug. (06:15-06:30) Line up Cementing line to Choke manifold. (06:30-07:00) Break circ (07:15-07:45) Close DVS shear ram. Pressure test cement plug 500psi x 15min. OK. |
| 7:45 | 9:15 | 1:30 | BOP | Open DVS shear ram and resume RIH to 1966mBRT. Connect HPS and jetting BOP and wellhead using seawater. Meanwhile displace choke and kill line to seawater. Displace booster line to seawater. |
| 9:15 | 10:00 | 0:45 | P&A | Pick up string above BOP. Close DVS shear ram and Open choke line Observe well for 30min. -well static. |
| 10:00 | 11:45 | 1:45 | P&A | Open DVS ram and resume jetting BOP and displace inside riser to seawater. 23700 ct, contaminated sea water returning, 24700ct, divert line to other tanks. |
| 11:45 | 12:00 | 0:15 | P&A | Flow check for 15min. -well static. |
| 12:00 | 12:15 | 0:15 | Other | Continue RIH WBRRT assembly to land WBRRT onto wear bushing. 40kN drag was observed on upper annular. |
| 12:15 | 12:45 | 0:30 | Other | Slack down weight 60kN, apply left hand torque, 3kNm to set tool release position, pull string to retrieve wear bushing with 460kN over pull, wear bushing recovered. |
| 12:45 | 17:45 | 5:00 | Other | POOH WBRRT assembly to surface. Connect HPS and jetting wellhead using seawater for 10 min. 900gpm x 10.3MPa. |
| 17:45 | 18:15 | 0:30 | Other | WBRRT on surface. Lay out wear bushing and WBRRT. |
| 18:15 | 19:00 | 0:45 | Other | Continue POOH jetting sub to surface, lay out jetting sub. |
| 19:00 | 19:45 | 0:45 | Other | Rig down elevator & pipe handler. |
| 19:45 | 20:45 | 1:00 | RS | Carry out drawworks brake test. |
| 20:45 | 22:00 | 1:15 | BOPE | Install riser guide head on #1Hydraracker. |
| 20:45 | 24:00 | 3:15 | BOPE | Park HPS to storage position. |

Note:
Isolate conduit line due to leakage pressure.
ROV Function test methanol skid "OK". Fill 64gal of methanol into skid bottles.

Sea current: Chikyu 1.6-3.5 knot. SW 5 miles 1.8-3.8 knot.

| Cement additive consumption | Squeeze Cementing #1,2 | Plug cementing | |
|-----------------------------|------------------------|----------------|-----|
| D081 LT Retarder | 70 | 0 | gal |
| D122A Chemical Wash | 10 | 0 | gal |
| D182 Mudpush II | 650 | 0 | LBS |
| D185 LT Dispersant | 35 | 10 | gal |
| D193 Fluid loss control | 318 | 53 | gal |
| D206 Antifoam | 15 | 5 | gal |

Time Breakdown (00:00 - 06:00 on 22-Jan) *The data on 00:00 - 06:00 is unofficial.

| From | To | Hrs | Code | Detail of Operation |
|------|------|------|------|--|
| 0:00 | 1:15 | 1:15 | BOPE | Continue to park HPS to storage position. |
| 1:15 | 4:30 | 3:15 | BOPE | Rig up riser running tool. |
| 4:30 | 5:30 | 1:00 | BOPE | Remove master bushing and adapter bushing. Install gimbal and riser spيدر. |
| 5:30 | 6:00 | 0:30 | BOPE | Pick up diverter handling tool on going. |

Note:
ROV Dive and attempt to remove hydrate around wellhead connector with trash pump and ROV thruster. On going.
Inject 64gal of methanol into wellhead connector port. Observe bubble coming out from the port after stab was pulled.
Sea current: Chikyu 2.5knot. SW 5miles 2.5knot @6:00.

| Bit No. | Size (in) | MFR | Type | IADC Code | S/No. | Nozzles | Depth (mBRT) | Meter-age | Hrs | WOB (kN) | rpm | Total Rev. (kern) | Inner | Outer | Dull | Dull Condition | | | | | |
|---------|-----------|-----|------|-----------|-------|---------|--------------|-----------|-----|----------|------|-------------------|-------|-------|------|----------------|---|---|------|----|--|
| | | | | | | | From | To | | Min. | Max. | Min. | Max. | | | Loc. | B | G | O.D. | RP | |
| | | | | | | | | | | | | | | | | | | | | | |

| BHA Record | | | | | | | | | | Hook Wt. (ken) @ 0.0 mBRT | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|---------------------------|--|--|--|--|--|--|--|--|--|
| WBRRT Jetting sub (4-1/2" IF) x XO x 5-1/2" DP S-140 (1std) x XO x 8-1/2" DC for drilling (2stds) x XO x 5-1/2" DP S-140 (1std) x XO x WBRRT x XO (0.29m) x 5-1/2" DP S-140 6m pup x 5" DP S-140 (4stds) x XO x 5-1/2" S-150 | | | | | | | | | | | | | | | | | | | |

| Mud Type | Time | Depth (mBRT) | MW | VIS | PV | YV | Gal St (10", 10') | WL | Cake | pH | Pf | Cl- | Sand | Oil | Solid | IBC | Temp (in / out) | K* | n | K | LGS | |
|----------|------|--------------|----|-----|----|----|-------------------|----|------|----|----|-----|------|-----|-------|-----|-----------------|----|---|---|-----|--|
| | | | | | | | | | | | | | | | | | | | | | | |

| Mud Pumps : 14-P-220 @ 0.0 mBRT 5.00 gallon/stroke @97% | | | | | | | | | | Mud Materials on Board @24:00hrs (unit: kg) | | | | | | | | | | | | |
|---|---------------|-----------------------|---------------|--------------|------------------|----|----|--|--|---|----------|------|-------|-------------------|---------------|-------|-------|--------|--|--|--|--|
| No. | Liner Size | SPM | GPM | Press. (MPa) | Am. Vel. (m/min) | DC | DP | | | Item | Received | Used | Stock | | | | | | | | | |
| 1 | 6" | | | | | | | | | CDX | | | | | Barite (Bulk) | 7,000 | | 66,000 | | | | |
| 2 | 6" | 0 | 0 | 0.0 | 0 | | | | | MIQJ (SC, Other) | | | | Kunigel-VD (Bulk) | | | 8,400 | | | | | |
| 3 | 6" | | | | | | | | | MIQJ (Sub sea & Hyd) | | | | NaCl | | | 0 | | | | | |
| | | | | | | | | | | MWJ | | | | KCl | | | 0 | | | | | |
| Geologic Information | | | | | | | | | | Scientist | | | | | | | | | | | | |
| From | To | Lithology of cuttings | | | | | | | | | | | | | | | | | | | | |
| Shale Shaker | | | | | | | | | | | | | | | | | | | | | | |
| No.1 | #10, #230 x 2 | No.4 | #10, #230 x 2 | No.1 | off | | | | | | | | | | | | | | | | | |
| No.2 | #10, #230 x 2 | No.5 | #10, #200 x 2 | No.2 | off | | | | | | | | | | | | | | | | | |
| No.3 | #10, #230 x 2 | No.6 | #10, #200 x 2 | No.3 | off | | | | | | | | | | | | | | | | | |

| Materials Stock on Board @24:00 | | | | | | | | | | Personnel @24:00 | | | | | | | | | | | |
|---|------|----------|---------|----------|--|--|--|--|--|----------------------|-----|--|--|--|--|--|--|--|--|--|--|
| Item | Unit | Received | Used | Stock | | | | | | CDX | 7 | | | | | | | | | | |
| Fresh Water | m3 | 66.6 | 65.1 | 243.1 | | | | | | MIQJ Crew | 100 | | | | | | | | | | |
| Potable Water | m3 | 0.0 | 5.8 | 201.6 | | | | | | MIQJ (SC, Other) | 1 | | | | | | | | | | |
| Drill Water | m3 | 67.2 | 158.2 | 534.0 | | | | | | MIQJ (Sub sea & Hyd) | 2 | | | | | | | | | | |
| Fuel | m3 | 0.0 | 55.3 | 1,863.4 | | | | | | MWJ | 15 | | | | | | | | | | |
| Lube, Oil | Ltrs | 0.0 | 1,200.0 | 37,800.0 | | | | | | Scientist | 0 | | | | | | | | | | |
| Heli Fuel | Ltrs | 0.0 | 0.0 | 0.0 | | | | | | Telrite | 2 | | | | | | | | | | |
| Cement "GWIC" | ton | 0.0 | 40.0 | (40.0) | | | | | | Oceanseering | 7 | | | | | | | | | | |
| Cement "C" | ton | 0.0 | 11.0 | (11.0) | | | | | | Schlumberger-CMT | 3 | | | | | | | | | | |
| *Cement "GWIC" used in 19th & 20th Jan for Squeeze cement. G used in 20th Jan for plug back cement. | | | | | | | | | | | | | | | | | | | | | |

| Boat Information @24:00 | | | | | | | | | | Mud Volume (m3) | | | | | | | | | | | |
|-------------------------|----------------|--------------|---------|--|--|--|--|--|--|-----------------|-----|--|--|--|--|--|--|--|--|--|--|
| Boat Name | Status | Time @Chikyu | | | | | | | | KNPP mud (1.32) | 718 | | | | | | | | | | |
| Keiko | Shingo | Departed | Arrived | | | | | | | LCM 20% (1.13) | 27 | | | | | | | | | | |
| Shincho-manu | Stand-by | | 11:25 | | | | | | | | | | | | | | | | | | |
| Hakuyou-manu | Current survey | | | | | | | | | | | | | | | | | | | | |

| Weather Information | | | | | | | | | | Mud Materials on Board @24:00hrs (unit: kg) | | | | | | | | | | | |
|--|---------|--------------|-----------------|------------------|------------|------------|------------|-----------------|------------|---|------------|-----------------|------|----------|------|-------|--|--|--|--|--|
| Time | Weather | Temp. (degC) | Barometer (hPa) | Wind Speed (m/s) | Dir. (deg) | Gust (m/s) | Height (m) | Wave Dir. (deg) | Period (s) | Current Speed(knt) | Dir. (deg) | Visibility (km) | | | | | | | | | |
| 24:00 | bc | 10.0 | 1016.7 | 7.8 | 314.0 | 10.0 | 1.3 | 260 | 7.0 | 2.8 | 97 | 22.0 | Item | Received | Used | Stock | | | | | |
| Today's Schedule: Un-latch BOP, Recover riser & BOP. | | | | | | | | | | | | | | | | | | | | | |

| Heli Information | | | | | | | | | | | |
|------------------|---------|------|----------|------|-------|--|--|--|--|--|--|
| Ft. No. | Arrived | Time | Departed | Are. | Dept. | | | | | | |
| 1 | | | | | | | | | | | |
| 2 | | | | | | | | | | | |
| 3 | | | | | | | | | | | |
| 4 | | | | | | | | | | | |

| Safety (HSE) and other information | | | | | | | | | |
|------------------------------------|---------------|-------------|---------|--|--|--|--|--|--|
| Incident | Last Incident | 13/Feb/2013 | No. LTA | | | | | | |
| LTA | | | | | | | | | |
| HUNS cards | | 18 | | | | | | | |
| Remarks | | | | | | | | | |

| Marine Information @24:00 | | | | | | | | | |
|---------------------------|--------|--|--|--|--|--|--|--|--|
| Heave (m) | 0.3 | | | | | | | | |
| Pitch (deg) | 0.2 | | | | | | | | |
| Roll (deg) | 0.1 | | | | | | | | |
| Vessel Heading (deg) | 262 | | | | | | | | |
| Riser Tension (kN) | 9400 | | | | | | | | |
| V.D. Load (kN) | 9411.6 | | | | | | | | |
| Max Draught (m) | 9.0 | | | | | | | | |
| Thruster (kW) | 3800 | | | | | | | | |

Reported by : S. Yamada / D. Ikenomoto / T. Yokoyama
Approved by : Y. Uemura