IODP EXP 358 Daily Geomechanics Report Report #065 20190113

RTG Team

RTG Supervisor(s)	David Castillo / Thomas Finkbeiner / Demian Saffer
RTG Watch Lead (00:00-12:00)	Emily Wisbey
RTG Watch Lead (12:00-24:00)	Toby Colson

Well Status

Site Name:	C0002		Hole Name:	R	
Water Depth:	1,939.0	m	RT-MSL:	28.5	m
0600h Hole Depth:	5,052.0 (5049.0)	mBRT (mTVD)	Section TD:	5,667.5 (5,664.5)	mBRT (mTVD)
Section #:	1		CSG Depth/Size:	4757.0 11-3/4"	mBRT inches
Static MW:	1.39	sg	Current ECD:	-	sg
FIT/LOT/ XLOT:	1.46sg FIT @ 4,757mBRT.				
Current formation/	Chala				
lithology:	Shale				
Sensor Offsets	NI/A				
from the Bit:	N/A				
Other BHA					
Offsets from the	N/A				
Bit:					
Current	Made up and ran 9-5/8" x 11-3/4" expandable casing. Made up and ran inner				
Operations:	string BHA. RIH 9-5/8" x 11-3/4" ESET to 4,748mBRT on drillpipe.				

Geomechanics Alert

GREEN	Green = Projected model remains accurate White = Unanticipated deviation from model which should not affect drilling Yellow = Unanticipated deviation from model which may affect drilling Red = Imminent requirement to stop drilling
Basis for Alert Level + Recommendations	1.39 sg remains recommended MW for Section 1. No further change in wellbore condition has been observed.

Principal Findings

N/A

IODP EXP 358 Daily Geomechanics Report

Report #065 20190113

Observations Summary

Fracture Gradient	N/A
Pore Pressure	N/A
Wellbore Breakout	N/A
Tensile Failure	N/A
Drilling Parameters	N/A
Other	N/A

Analysis

Drilling Experience Analysis

N/A

Cuttings and Cavings Analysis

N/A

LWD Data Analysis

N/A

SFIB Analysis

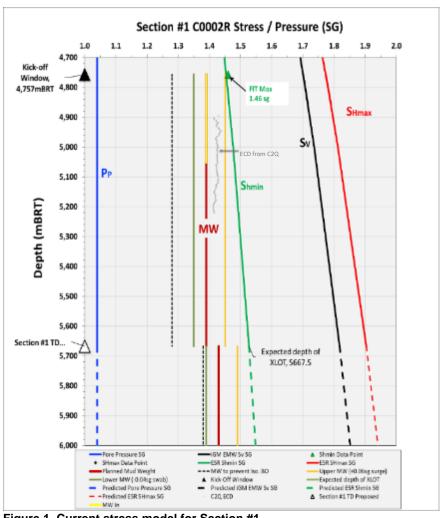
No further updates.

IODP EXP 358 Daily Geomechanics Report

Report #065 20190113

Geomechanical Model Review

No change in the current stress model.



Horizontal scale (SG) only applies to ECD C0002R Drilling Experiences Section #1 C0002Q Drilling Experiences 1.30 1.33 1.35 1.38 1.40 1.43 1.45 4,700 4,800 4,800 4,900 5,000 5,000 5,100 5,100 5,200 Depth (mBRT) Depth (mBRT) 2,300 5,400 5,500 5,500 5,600 5,600 5,700 5,700 5,800 5,800 5,900 ▲ Stand pipe pressure spike Excess Torque • DCD data RT OverPull/Drag Stuck Pipe Tight Hole X Shock and Vibration Stuck Pipe × Take Weight OverPull/ • Tight Hole Stand pipe pressure spike Drag ■ Blocky High Standpipe Pressure Excess Torque Cavings ≥ ø16mm
Pack Off Splintery Cavings

Figure 1 Current stress model for Section #1

Figure 2 C0002Q Drilling Experiences

Figure 3 C0002R Drilling Experiences