

IODP EXP 358 Daily Geomechanics Report

Report #058 20190106

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 Depth:	5,052.0 mBRT (5049.0 mTVD)	Section TD:	5,667.5 mBRT (5,664.5 mTVD)
Section #:	1	CSG Depth/Size:	4757.0 mBRT 11-3/4" inches
Static MW:	1.39 sg	Current ECD:	sg
FIT/LOT/ XLOT:	1.46sg FIT @ 4,757mBRT.		
Current formation/ lithology:	Shale		
Sensor Offsets from the Bit:	arcVISION 675: (APWD: 3.604 m, Resistivity: 4.316 m, GR: 4.367 m) TeleScope 675: (IWOB: 8.384m, Direction + Inclination: 11.749 m)		
Other BHA Offsets from the Bit:	8-1/4" Stabilizer: 17.23 – 18.9 m 8-1/4" x 12-1/4" Z-reamer: 28.528-29.62 m 8-1/8" Stabilizer: 39.64 – 41.30 m Top of BHA: 331 m		
Current Operations:	RIH with 8-1/2" x 12-1/4" LWD BHA to 1932 BRT. Trouble shot dolly retract. Continued RIH with 8-1/2" x 12-1/4" LWD BHA.		

Geomechanics Alert

GREEN	<p>Green = Projected model remains accurate White = Unanticipated deviation from model which <i>should not</i> affect drilling Yellow = Unanticipated deviation from model which <i>may</i> affect drilling Red = Imminent requirement to stop drilling</p>
Basis for Alert Level + Recommendations	<p>1.39 sg remains recommended MW for Section 1. Observation suggests hole cleaning remains a key factor in current wellbore condition.</p>

Principal Findings

N/A

IODP EXP 358 Daily Geomechanics Report

Report #058 20190106

Observations Summary

Use this space to discuss any observations while drilling, running casing etc.

Fracture Gradient	N/A
Pore Pressure	No indications of overpressure observed.
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 #058 20190106

Geomechanical Model Review

No change in the current stress model.

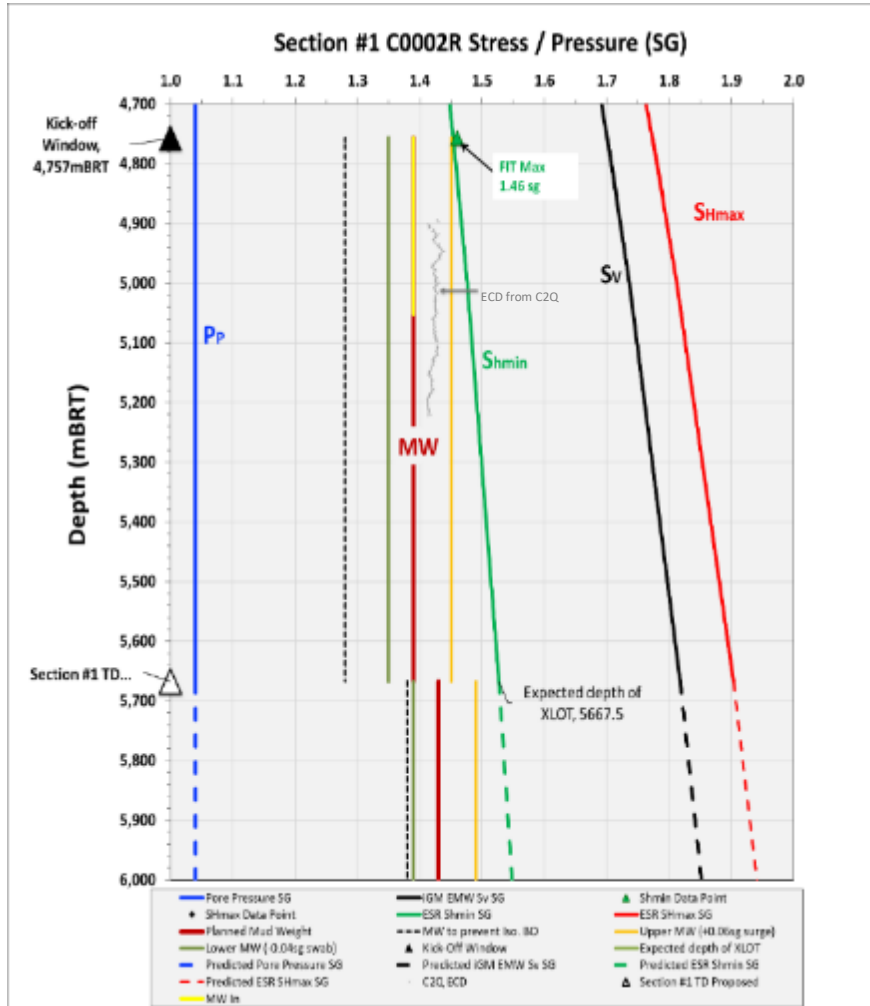


Figure 1 Current stress model for Section #1

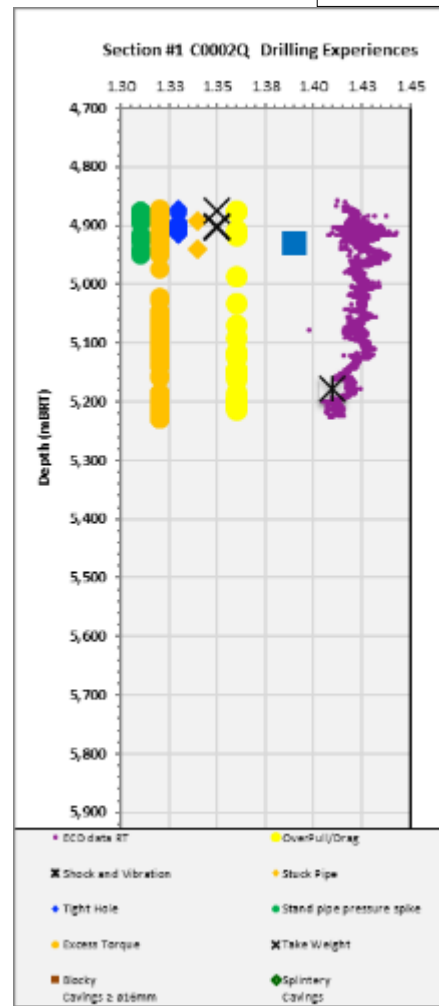


Figure 2 C0002Q Drilling Experiences

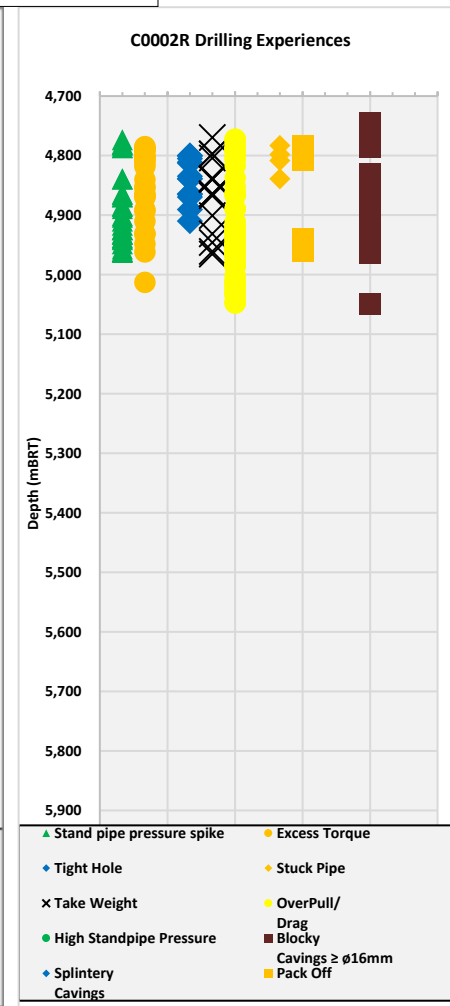


Figure 3 C0002R Drilling Experiences