

Phase 3A Contingency Summary Steps

Aliso Canyon RCA: Extract Parted 7" Casing, 11-3/4" Logging, 7" Casing Tieback and 7" Casing Logging

Prepared For:

SS-25 RCA
SoCalGas, CPUC, DOGGR



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Purpose:

This document describes the summary steps of Phase 3A Contingency that is part of the Root Cause Analysis for SS-25.

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03

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Version Record

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00	5 th October 2017		RLR	RK	RK

Revision History

Revision	Date	Description of Change

1 SS-25 Phase 3A Contingency Summary Steps

The objective of this phase is to extract the parted 7" casing, tieback the 7" casing to surface, run casing and formation evaluation logs and run a video camera in the 7" casing.

1. Run a video camera to inspect the 7" casing.
2. Run a casing caliper to approximately 875'.
3. Set a retrievable bridge plug in the casing.
4. Pick up on the casing and remove the casing slips.
5. Cut the casing and lay down approx. 20' of the casing to allow for a gap between the upper and lower sections of parted casing.
6. Hang off the casing in the wellhead. Install a full opening safety valve.
7. Shut the wellhead valves and secure the well.
8. Release Rig 334 and move off.
9. Move in and rig up Rig 540.
10. Install spacer spools and well control equipment.
11. Pull and lay down the upper 7" casing.
12. Run logs in the 11-3/4" casing.
13. Recover a section of the parted casing below the parted casing depth.
14. Run additional logs in the 11-3/4" casing.
15. RIH with the tieback casing to the casing stub. Latch on the stub and tieback the 7" casing to surface.
16. Collect fluid samples from the 7" casing.
17. Run casing and formation evaluation logs in the 7" casing. Run temperature and noise logs in the 7" casing.
18. Displace the well to clear brine. Filter the fluid.
19. Run a video camera to view features identified based on the casing inspection logs.
20. Displace the clear brine with 9 ppg mud. Secure the well.
21. Stop Operations. Evaluate the next steps and obtain approval for the next steps.