

Coogee Resources (Ashmore Cartier) Pty Ltd

ABN 27 004 210 164

Well Constru	ction Change Control Form						
Well:	Montara H1						
Date:	23/01/09						
Requested By:	Chris Wilson						
Proposed Change #:	Change Control D65005A 001						
Basis for proposed change:							
Increased the length of Tail Cement for the 244mm Casing to increase the TVD height of the cement above the top of the Cycle IV formation (reservoir).							
Details of proposed change:							
Increase the top of the tail cement for the 244mm (9 5/8") casing .from 2923mMDRT to 2823mMDRT. This will increase the vertical height of the cement by 39m increasing the vertical length of the top of cement to 69m above the reservoir.							
HSE impact of proposed change:							
Increased well control protection by increasing the TOC from 30mTVD above the reservoir to 69mTVD above the reservoir.							
Cost impact of proposed change:							
Negligible – cost of cement and chemical							
Approved by:	23/1/09						
COOGEE RESOURCES							
Conditions:							

Montara H1 No Topsides

AC/L7

Cementing Program

Hole & Casing Size	Туре	Desc	Recipe	Cement Tops & Bottoms	Weight (SG)	Yield (ft3/sk)	XS Cmt	Thick Time (hrs)	Job Time (hrs)	BHST (degC)
660mm (26") 508mm (20") 150.70mMD	G	Tail	CaCL2 1.0% BWOC Seawater 5.18 gal/sk NF-6 0.25 gal/10bbls	TOC 119.00m BOC 150.70m	1.91	1.17	300	2:30	1:57	16
445mm (17 1/2") 340mm (13-3/8") 1,617.50mMD	G	Lead	Drillwater 11.14 gal/sk Gascon 469 1gal/sk SCR 100L 3gal/10bbl NF-6 0.25 gal/sk	TOC 1,167.50m BOC 1,517.50m	1.5	2.11	50	4:38	5:30	64
445mm (17 1/2") 340mm (13-3/8") 1,617.50mMD	G	Tail	Drillwater 4.98 gal/sk Gascon 469 0.12 gal/sk SCR 100L 4gal/10bbl NF-6 0.25 gal/10bbl	TOC 1,517.50m BOC 1,617.50m	1.90	1.16	50	4:02	5:30	64
311mm (12-1/4") 244mm (9-5/8) 3,373.50mMD	G	Tail	Drillwater 4.78 gal/sk Gascon 469 0.10 gal/sk Halad 413L 20gal/10bbl SCR 100L 4gal/10bbl NF-6 0.25 gal/sk	TOC 2,823.50m BOC 3,373.50m	1.9	1.16	25	4:13	4:28	98

Comments on Cementing Program

SPACERS

508mm (20") Casing: 12.7m3 (80bbl) Seawater followed by 3.2m3 (20bbl) Seawater plus dye ahead of cement.

340mm (13 3/8") Casing: 12.7m3 (80bbl) Drillwater ahead of cement.

244mm (9 5/8") Casing: 12.7m3 (80bbl) Tuned spacer ahead of the cement

EXCESSS

To be applied to open hole only.

JOB TIMING

Job time shown is the total job time including pressure test, bottoms up (BU) circulation, mixing and pumping cement, releasing plugs and displacing cement. The timing is based on a displacement rate of 6 bpm for lead slurry, 4 bpm for tail slurry, 8 bpm for BU circulation, spacers and displacement. 30 minutes is allocated for pressure testing and 10 minutes to displace and bump plugs.

TEMPERATURE

Temperature gradient is 3.3 deg C/100m + 15 deg C seabed temperature.