

HALLIBURTON

iCem[®] Service

ANADARKO PETROLEUM CORP - EBUS

For:

Date: Wednesday, April 23, 2014

4C-18 HZ

ANADARKO ELLIOTT 4C-18 HZ KOP

Sincerely,

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1.1 Executive Summary

Halliburton appreciates the opportunity to perform the cementing services on the **Elliott 4C-18HZ** cement **KOP** casing job. A pre-job safety meeting was held before the job where details of the job were discussed, potential safety hazards were reviewed, and environmental compliance procedures were outlined.

Halliburton maintains a continuous quality improvement process and appreciates any comments or suggestions that you may have. Halliburton again thanks you for the opportunity to perform service work on this well. We hope to be your solutions provider for future projects.

Respectfully,

Halliburton Brighton

1.2 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	DH Density (ppg)	Comb Pump Rate (bbl/min)	PS Pump Press (psi)	DS Pmp Stg Tot (bbl)	Comment
Event	1	Start Job	Start Job	4/10/2014	16:05:58	COM4	10.50	0.00	68.00	8.5	
Event	2	Test Lines	Test Lines	4/10/2014	16:22:04	COM4	8.81	0.00	83.00	18.1	
Event	3	Pump Spacer 1	Pump Spacer 1	4/10/2014	16:25:15	COM4	8.78	0.00	16.00	0.0	
Event	4	Pump Cement	Pump Cement	4/10/2014	16:36:08	COM4	14.45	1.70	34.00	0.0	
Event	5	Pump Displacement	Pump Displacement	4/10/2014	16:49:01	COM4	13.57	4.50	181.00	0.1	
Event	6	Shutdown	Shutdown	4/10/2014	17:01:46	COM4	0.60	0.00	9.00	55.7	
Event	7	End Job	End Job	4/10/2014	17:02:14	COM4	0.19	0.00	9.00	55.7	

2.0 Attachments

2.1 ANADARKO ELLIOTT 4C-18 HZ KOP-Custom Results.png



