

HALLIBURTON

iCem[®] Service

SYNERGY RESOURCES CORPORATION

Date: Monday, April 17, 2017

Hood 36N-22C-M Production

Job Date: Monday, April 03, 2017

Sincerely,

Julia Nichols

Legal Notice

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1.0 Cementing Job Summary

1.1 Executive Summary

Halliburton appreciates the opportunity to perform the cementing services on the **Hood 36N-22C-M** cement **Production** 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.

Approximately 40 barrels of cement were returned to surface.

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 [Ft. Lupton]

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*Cementing Job Summary**The Road to Excellence Starts with Safety*

Sold To #: 359915		Ship To #: 3786244		Quote #:		Sales Order #: 0903933235				
Customer: SYNERGY RESOURCES CORPORATION				Customer Rep: Kent						
Well Name: HOOD		Well #: 36N-22C-M		API/UWI #: 05-123-44376-00						
Field: WATTENBERG	City (SAP): GREELEY	County/Parish: WELD		State: COLORADO						
Legal Description: SE SE-20-8N-86W-485FSL-1122FEL										
Contractor:		Rig/Platform Name/Num: Precision 562								
Job BOM: 7523										
Well Type: HORIZONTAL OIL										
Sales Person: HALAMERICA\HB41307		Srvc Supervisor: Jefferson Bone								
Job										
Well Data										
Description	New / Used	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Casing		9.625	8.921	38	LTC	J-55	0	1767	0	1767
Casing		5.5	4.778	20		P-110	0	15250	0	7095
Open Hole Section			8.5				1767	15268	1788	7095
Tools and Accessories										
Fluid Data										
Stage/Plug #: 1										
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal	
1	Tuned Spacer III	Tuned Spacer III	40	bbl	11.5	3.75		6		
0.30 gal/bbl		DUAL SPACER SURFACTANT B, 5 GAL PAIL (100003665)								
0.30 gal/bbl		MUSOL A, 330 GAL TOTE - (790828)								
149.34 lbm/bbl		BARITE, BULK (100003681)								
35.60 gal/bbl		FRESH WATER								
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal	
2	ElastiCem Lead	ELASTICEM (TM) SYSTEM	1000	sack	13.2	1.57		6	7.52	
7.52 Gal		FRESH WATER								
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal	
3	NeoCem Tail	NeoCem TM	1014	sack	13.2	2.09		4	10.08	
10.08 Gal		FRESH WATER								
0.35 %		SCR-100 (100003749)								

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Cementing Job Summary

Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft ³ /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
4	MMCR Displacement	MMCR Displacement	40	bbl	8.34				
0.50 gal/bbl		MICRO MATRIX CEMENT RETARDER, 5 GAL PAIL (100003781)							
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft ³ /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
5	Clay Web Displacement	Clay Web Displacement	297	bbl	8.33				
0.0571 gal/bbl		CLAY-WEB - BULK (101985043)							
Plug Bumped?		Yes	Bump Pressure:		2100 psi	Floats Held?		Yes	
Cement Returns:		40 bbls							
Comment 40bbls Cement back to surface									

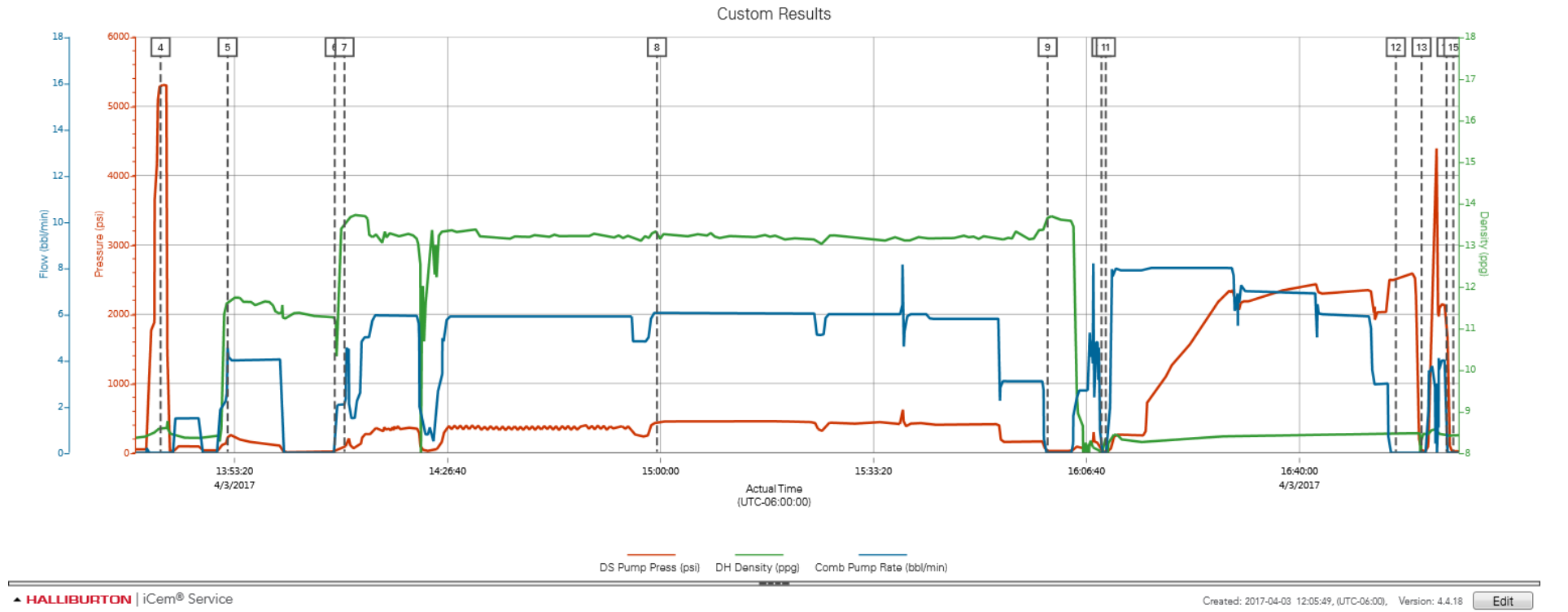
2.0 Real-Time Job Summary

2.1 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	DS Pump Press (psi)	DH Density (ppg)	Comb Pump Rate (bbl/min)	Comments
Event	1	Call Out	Call Out	4/3/2017	04:00:00	USER				Call Out
Event	2	Arrive at Location from Service Center	Arrive at Location from Service Center	4/3/2017	10:00:00	USER				Arrive at Location. Held Safety Meeting prior to rigging up and spotting equipment.
Event	3	Start Job	Start Job	4/3/2017	13:23:03	COM4	22.00	8.14	0.00	Start Job
Event	4	Test Lines	Test Lines	4/3/2017	13:41:45	COM4	5307.00	8.59	0.00	Test Lines to 5000psi
Event	5	Pump Spacer 1	Pump Spacer 1	4/3/2017	13:52:13	COM4	207.00	11.63	4.60	Pumped 40bbbls of 11.5ppg Tuned Spacer
Event	6	Drop Bottom Plug	Drop Bottom Plug	4/3/2017	14:09:00	USER	19.00	11.26	0.00	Drop Bottom Plug
Event	7	Pump Lead Cement	Pump Lead Cement	4/3/2017	14:10:31	COM4	83.00	13.47	2.10	Pumped 1000sks(280bbbls) of 13.2ppg 1.57y 7.52w Elasticem cement.
Event	8	Pump Tail Cement	Pump Tail Cement	4/3/2017	14:59:26	COM4	456.00	13.27	6.00	Pumped 1014sks(377bbbls) of 13.2ppg 2.09y 10.08w Neocem cement.
Event	9	Clean Lines	Clean Lines	4/3/2017	16:00:34	COM4	24.00	13.65	0.00	clean pump and lines.
Event	10	Drop Top Plug	Drop Top Plug	4/3/2017	16:09:00	USER	24.00	7.83	0.00	Drop Top Plug
Event	11	Pump Displacement	Pump Displacement	4/3/2017	16:09:40	COM4	8.00	8.36	0.00	Pumped 337bbbls H2O displacement. First 40 bbls had mmcr. The rest had Cla Web. 40bbbls cement back to surface.
Event	12	Bump Plug	Bump Plug	4/3/2017	16:55:05	COM4	2505.00	8.47	0.00	Bumped plug at 2100psi. Pressured up 500psi over.
Event	13	Check Floats	Check Floats	4/3/2017	16:59:06	COM4	32.00	8.39	0.00	2.5bbbls back
Event	14	Other	Sheer plug and pump wet shoe	4/3/2017	17:03:00	COM4	1847.00	8.43	0.00	Sheer Plug @ 4406psi. Pumped 6bbbls for wet shoe.
Event	15	End Job	End Job	4/3/2017	17:04:04	COM4	10.00	8.42	0.00	End Job
Event	16	Depart Location	Depart Location	4/3/2017	19:00:00	USER				Depart Location. Held Safety Meeting prior to rigging down and spotting equipment.

3.0 Attachments

3.1 Custom Results – Job Chart with Events



3.2 Custom Results – Job Chart without Events

