

HALLIBURTON

iCem[®] Service

SYNERGY RESOURCES CORPORATION

Date: Tuesday, November 17, 2015

SRC Vista D-2N-A

Surface

Job Date: Thursday, November 05, 2015

Sincerely,
Lauren Roberts

Legal Notice

Warning Disclaimer

Although the information contained in this report is based on sound engineering practices, the copyright owner(s) does (do) not accept any responsibility whatsoever, in negligence or otherwise, for any loss or damage arising from the possession or use of the report whether in terms of correctness or otherwise. The application, therefore, by the user of this report or any part thereof, is solely at the user's own risk.

Limitations of Liability

Except as expressly set forth herein, there are no representations or warranties by Halliburton, express or implied, including implied warranties of merchantability and/or fitness for a particular purpose. In no event will Halliburton or its suppliers be liable for consequential, incidental, special, punitive or exemplary damages (including, without limitation, loss of data, profits, use of hardware, or software). Customer accepts full responsibility for any investment made based on results from the Software. Any interpretations, analyses or modeling of any data, including, but not limited to Customer data, and any recommendation or decisions based upon such interpretations, analyses or modeling are opinions based upon inferences from measurements and empirical relationships and assumptions, which inferences and assumptions are not infallible, and with respect to which professional may differ. Accordingly, Halliburton cannot and does not warrant the accuracy, correctness or completeness of any such interpretation, recommendation, modeling or other products of the Software Product. As such, any interpretation, recommendation or modeling resulting from the Software for the purpose of any drilling, well treatment, production or financial decision will be at the sole risk of Customer. Under no circumstances will Halliburton or its suppliers be liable for any damages.

Table of Contents

1.0	Cementing Job Summary	4
1.1	Executive Summary	4
2.0	Real-Time Job Summary	7
2.1	Job Event Log	7
3.0	Attachments.....	9
3.1	Case 1-Custom Results.png.....	9

1.0 Cementing Job Summary

1.1 Executive Summary

Halliburton appreciates the opportunity to perform the cementing services on the **SRC Vista D-2N-A cement Surface** 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.

15bbls of cement 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]

Job Times

	Date	Time	Time Zone
Requested Time On Location:	11/05/2015	1630	MTN
Called Out Time:		1000	
Arrived On Location At:		1600	
Job Started At:		2138	
Job Completed At:		2317	

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 359915	Ship To #: 3700828	Quote #:	Sales Order #: 0902877150
Customer: SYNERGY RESOURCES CORPORATION		Customer Rep: Sean Devereaux	
Well Name: SRC VISTA	Well #: D-2N-A	API/UWI #: 05-123-41061	
Field:	City (SAP): JOHNSTOWN	County/Parish: WELD	State: COLORADO
Legal Description:			
Contractor: ENSIGN DRLG		Rig/Platform Name/Num: ENSIGN 131	
Job BOM: 7521			
Well Type: GAS			
Sales Person: HALAMERICA\HX37727		Srcv Supervisor: Vaughn Oteri	
Job			

Formation Name			
Formation Depth (MD)	Top		Bottom
Form Type			BHST
Job depth MD	1638ft		Job Depth TVD
Water Depth			Wk Ht Above Floor
Perforation Depth (MD)	From		To

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
Open Hole Section			13.5				0	1638		
Casing		9.625	8.921	36			0	1623		

Tools and Accessories									
Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make	
Guide Shoe	9.625				Top Plug	9.625		HES	
Float Shoe	9.625			1623	Bottom Plug	9.625			
Float Collar	9.625			1578	SSR plug set	9.625			
Insert Float	9.625				Plug Container	9.625		HES	
Stage Tool	9.625				Centralizers	9.625			

Fluid Data									
Stage/Plug #: 1									
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
1	Mud Flush III (Powder)	Mud Flush III	20	bbl	8.4				
		42 gal/bbl	FRESH WATER						
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
2	SwiftCem B2	SWIFTCEM (TM) SYSTEM	500	sack	13.4	1.79		4	9.5

HALLIBURTON

Cementing Job Summary

9.50 Gal		FRESH WATER									
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		
3	Displacement	Displacement	121	bbl	8.33						
Cement Left In Pipe		Amount	42 ft		Reason			Shoe Joint			
Comment 15BBL OF 13.4 SWIFCEM BACK TO SURFACE											

2.0 Real-Time Job Summary

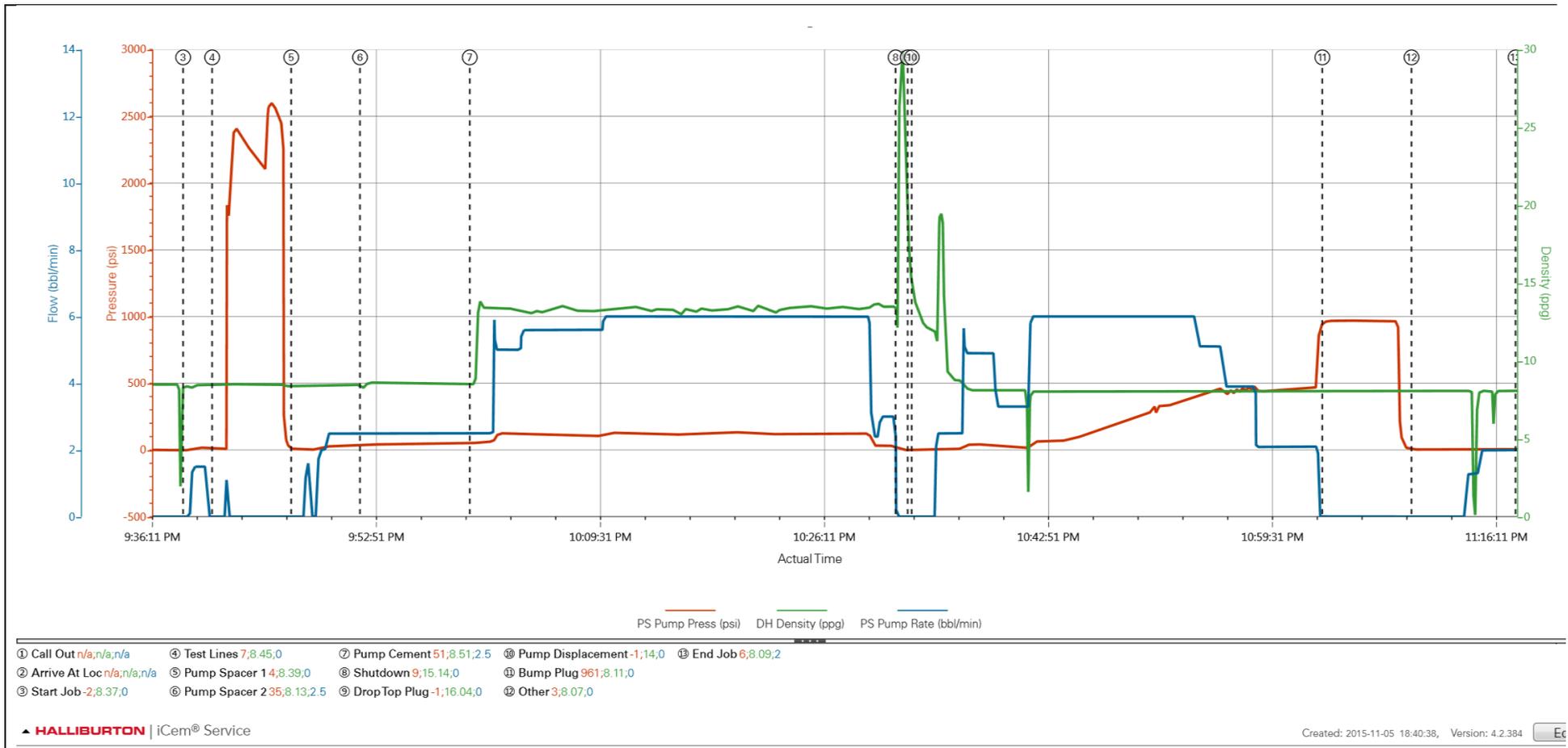
2.1 Job Event Log

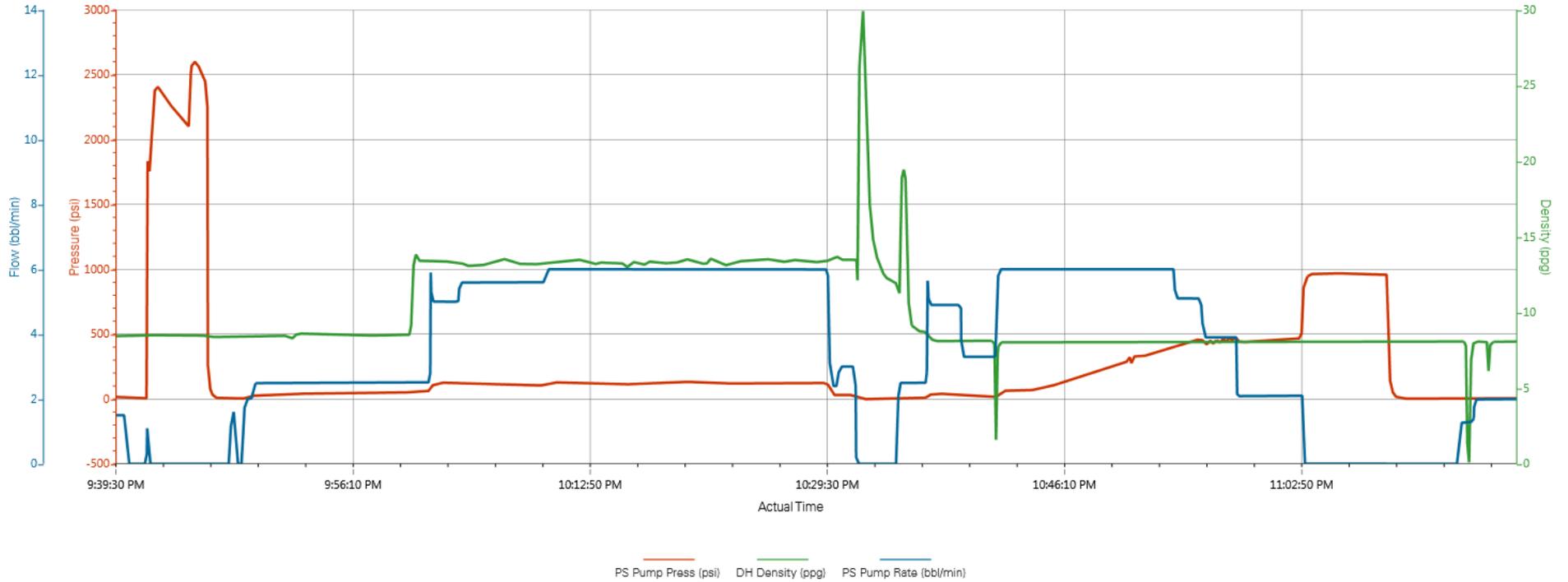
Type	Seq. No.	Activity	Graph Label	Date	Time	Source	PS Pump Press (psi)	DH Density (ppg)	PS Pump Rate (bbl/min)	Comments
Event	1	Call Out	Call Out	11/5/2015	10:00:00	USER				CALL OUT FROM ARC HUB
Event	2	Arrive At Loc	Arrive At Loc	11/5/2015	16:00:00	USER				REQUESTED ON LOCATION @1630 ARRIVED ON LOCATION @ 1600 MET WITH COMPANY REP TO DISCUSS JOB PROCESS AND CONCERNS ADVISED THAT RIG WAS STILL DRILLING
Event	3	Start Job	Start Job	11/5/2015	21:38:39	COM4	-2.00	8.37	0.00	HELD PRE-JOB SAFETY MEETING WITH ALL HANDS ON LOCATION TO DISCUSS JOB PROCESS AND HAZARDS
Event	4	Test Lines	Test Lines	11/5/2015	21:40:49	COM4	7.00	8.45	0.00	PRESSURE TESTED PUMPS AND LINES FOUND NO LEAKS AND PRESSURE HELD GOOD
Event	5	Pump Spacer 1	Pump Spacer 1	11/5/2015	21:46:42	COM4	5.00	8.39	0.00	PUMPED 5BBL OF WATER WITH RED DYE @2.5BPM 38PSI
Event	6	Pump Spacer 2	Pump Spacer 2	11/5/2015	21:51:49	COM4	34.00	8.11	2.50	MIXED 20BBL OF MUD FLUSH AT 2.5BPM 38PSI
Event	7	Pump Cement	Pump Cement	11/5/2015	21:59:59	COM4	51.00	8.51	2.50	MIXED 159BBL OF 13.4PPG SWIFTCM AT 6.0BPM 120PSI
Event	8	Shutdown	Shutdown	11/5/2015	22:31:40	COM4	10.00	13.72	0.00	
Event	9	Drop Top Plug	Drop Top Plug	11/5/2015	22:32:34	COM4	-1.00	16.21	0.00	RELEASED PLUG WITNESSED BY COMPANY REP
Event	10	Pump Displacement	Pump Displacement	11/5/2015	22:32:52	COM4	-1.00	14.07	0.00	PUMPED 121BBL OF FRESH

										WATER TO DISPLACE CEMENT
Event	11	Bump Plug	Bump Plug	11/5/2015	23:03:25	COM4	960.00	8.11	0.00	BUMPED PLUG 500PSI OVER FINAL PUMP PRESSURE
Event	12	Other	Other	11/5/2015	23:10:03	COM4	3.00	8.07	0.00	RELEASED PRESSURE BACK TO PUMP TRUCK TO CHECK FLOATS 1.0BBL BACK FLOATS HELD GOOD
Event	13	End Job	End Job	11/5/2015	23:17:47	COM4	6.00	8.09	2.00	15BBL OF 13.4PPG SWIFTCEM BACK TO SURFACE

3.0 Attachments

3.1 Case 1-Custom Results.png





PS Pump Press (psi) DH Density (ppg) PS Pump Rate (bbl/min)