

HALLIBURTON

iCem[®] Service

SYNERGY RESOURCES CORPORATION

Date: Thursday, September 29, 2016

SRC Williams 12-4-5NM-C

Surface

Job Date: Thursday, September 22, 2016

Sincerely,

Justin Lansdale

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1.0 Cementing Job Summary

1.1 Executive Summary

Halliburton appreciates the opportunity to perform the cementing services on the **SRC Williams 12-4-5NM-C** 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.

25 bbls of cement 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 [Fort Lupton]

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Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 359915	Ship To #: 3735435	Quote #:	Sales Order #: 0903542810
Customer: SYNERGY RESOURCES CORPORATION		Customer Rep: STEVE WILSON	
Well Name: SRC WILLIAMS	Well #: 12-4-5NM-C	API/UWI #: 05-123-43167-00	
Field: WATTENBERG	City (SAP): JOHNSTOWN	County/Parish: WELD	State: COLORADO
Legal Description: NE NW-4-4N-67W-1100FNL-2423FWL			
Contractor: PRECISION DRLG		Rig/Platform Name/Num: PRECISION 462	
Job BOM: 7521			
Well Type: HORIZONTAL OIL			
Sales Person: HALAMERICA\HX38199		Srcv Supervisor: Jesse Slaughter	
Job			

Formation Name			
Formation Depth (MD)	Top		Bottom
Form Type			BHST
Job depth MD	1744ft		Job Depth TVD
Water Depth			Wk Ht Above Floor 6ft
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
Casing	3	16	15.376	55			0	40	0	40
Casing		9.625	8.921	36			0	1744	0	0
Open Hole Section			13.5				40	1760	0	1760

Tools and Accessories										
Type	Size in	Qty	Make	Depth ft		Type	Size in	Qty	Make	
Guide Shoe	9.625			1744		Top Plug	9.625	1	weatherford	
Float Shoe	9.625					Bottom Plug	9.625		HES	
Float Collar	9.625					SSR plug set	9.625		HES	
Insert Float	9.625					Plug Container	9.625	1	HES	
Stage Tool	9.625					Centralizers	9.625		HES	

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)	Red Dye Spacer	10	bbl	8.4			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	600	sack	13.4	1.78		6	9.45	

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Cementing Job Summary

9.45 Gal		FRESH WATER							
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft³/sack	Mix Fluid Gal	Rate bbl/mi n	Total Mix Fluid Gal
3	Displacement	Displacement	131.3	bbl	8.33			7	
Cement Left In Pipe	Amount	46 ft		Reason				Shoe Joint	
Comment									

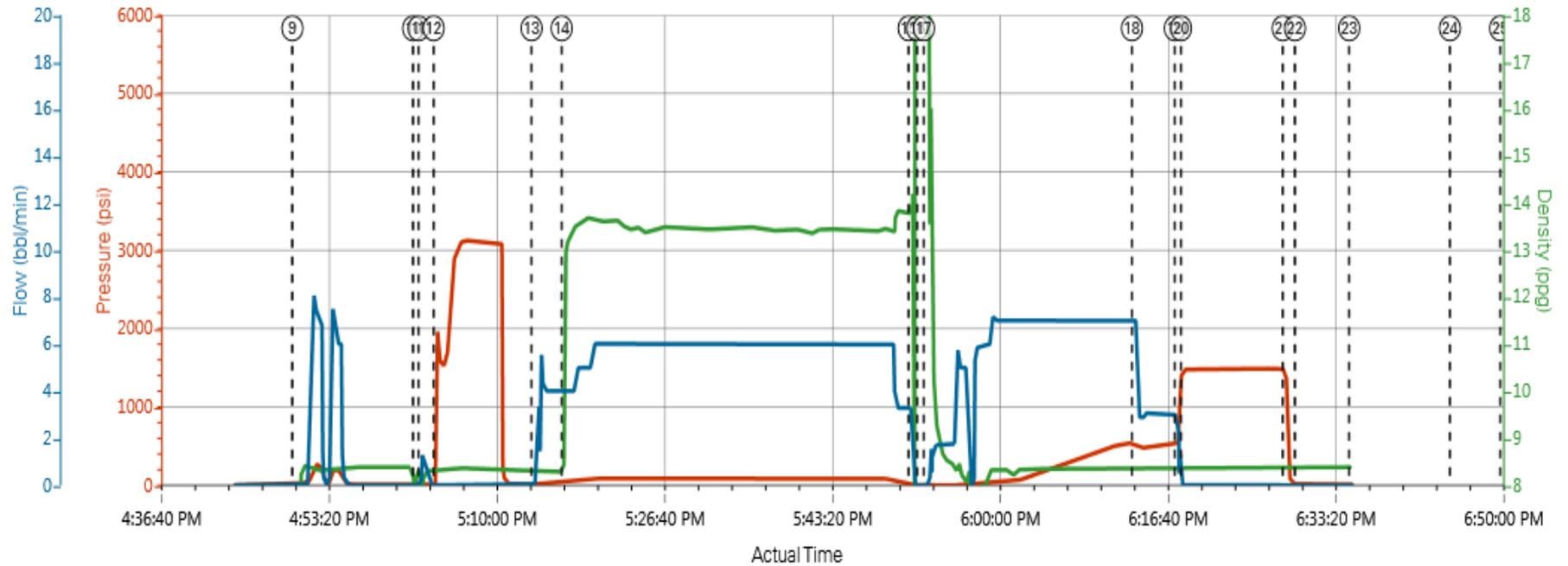
2.0 Real-Time Job Summary

2.1 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	Comments
Event	1	Call Out	Call Out	9/22/2016	08:00:00	USER	
Event	2	Pre-Convoy Safety Meeting	Pre-Convoy Safety Meeting	9/22/2016	10:50:00	USER	WITH ALL HES PERSONNEL
Event	3	Crew Leave Yard	Crew Leave Yard	9/22/2016	11:00:00	USER	
Event	4	Arrive At Loc	Arrive At Loc	9/22/2016	12:00:00	USER	RIG WAS RUNNING CASING UPON HES ARRIVAL
Event	5	Assessment Of Location Safety Meeting	Assessment Of Location Safety Meeting	9/22/2016	15:30:00	USER	WITH ALL HES PERSONNEL
Event	6	Other	Spot Equipment	9/22/2016	15:45:00	USER	
Event	7	Pre-Rig Up Safety Meeting	Pre-Rig Up Safety Meeting	9/22/2016	15:55:00	USER	WITH ALL HES PERSONNEL
Event	8	Rig-Up Equipment	Rig-Up Equipment	9/22/2016	16:00:00	USER	1 RED TIGER, 2 BULK TRUCKS
Event	9	Pre-Job Safety Meeting	Pre-Job Safety Meeting	9/22/2016	16:50:00	USER	WITH ALL PERSONNEL
Event	10	Start Job	Start Job	9/22/2016	17:02:00	USER	TD 1760 FT, TP 1743.80 FT, SHOE 45.55 FT, CSG 9 5/8 IN 36 LB/FT, HOLE 13 1/2 IN, MUD WT 8.8 PPG
Event	11	Prime Pumps	Prime Pumps	9/22/2016	17:02:32	USER	FRESH WATER
Event	12	Test Lines	Test Lines	9/22/2016	17:04:02	USER	TESTED LINES TO 3127 PSI PRESSURE HOLDING
Event	13	Pump Spacer	Pump Red Dye Spacer	9/22/2016	17:13:46	USER	FRESH WATER WITH 2 LBS RED DYE
Event	14	Pump Cement	Pump Cement	9/22/2016	17:16:45	USER	600 SKS AT 13.4 PPG, 1.78 FT3/SK, 9.45 GAL/SK

Event	15	Shutdown	Shutdown	9/22/2016	17:51:13	USER	
Event	16	Drop Top Plug	Drop Top Plug	9/22/2016	17:52:04	USER	PLUG LAUNCHED
Event	17	Pump Displacement	Pump Displacement	9/22/2016	17:52:44	USER	FRESH WATER
Event	18	Slow Rate	Slow Rate	9/22/2016	18:13:24	USER	SLOWED RATE 10 BBLS PRIOR TO CALCULATED DISPLACEMENT
Event	19	Bump Plug	Bump Plug	9/22/2016	18:17:40	COM5	
Event	20	Pressure Test	Pressure Test	9/22/2016	18:18:17	USER	PRESSURE TEST CASING FOR 10 MIN AT 1500 PSI AS PER COMPANY REP
Event	21	Check Floats	Check Floats	9/22/2016	18:28:23	USER	FLOATS HOLDING. HES RETURNED 3/4 BBL H2O TO PUMP.
Event	22	End Job	End Job	9/22/2016	18:29:36	COM5	PIPE WAS STATIC DURING JOB, GOOD CIRCULATION THROUGHOUT JOB. HES RETURNED 25 BBLS CEMENT TO SURFACE. USED 100 LB SUGAR FOR JOB.
Event	23	Pre-Rig Down Safety Meeting	Pre-Rig Down Safety Meeting	9/22/2016	18:35:00	USER	WITH ALL HES PERSONNEL
Event	24	Rig-Down Equipment	Rig-Down Equipment	9/22/2016	18:45:00	USER	
Event	25	Pre-Convoy Safety Meeting	Pre-Convoy Safety Meeting	9/22/2016	18:50:00	USER	WITH ALL HES PERSONNEL
Event	26	Crew Leave Location	Crew Leave Location	9/22/2016	19:00:00	USER	
Event	27	Comment	Comment	9/22/2016	19:01:00	USER	THANK YOU FOR USING HALLIBURTON CEMENT DEPARTMENT. JESSE SLAUGHTER AND CREW.

Custom Results



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

- ① Call Out n/a;n/a;n/a ③ Crew Leave Yard n/a;n/a;n/a ⑤ Assessment Of Location Safety Meeting n/a;n/a;n/a ⑦ Pre-Rig Up Safety Meeting n/a;n/a;n/a ⑨ Pre-Job Safety Meeting 6:0.05;0 ⑪ Pri
- ② Pre-Convoy Safety Meeting n/a;n/a;n/a ④ Arrive At Loc n/a;n/a;n/a ⑥ Spot Equipment n/a;n/a;n/a ⑧ Rig-Up Equipment n/a;n/a;n/a ⑩ Start Job 9;8.32;0 ⑫ Tes

Progress bar with a slider and a play button icon.