

HALLIBURTON

iCem[®] Service

SYNERGY RESOURCES CORPORATION

Date: Thursday, June 16, 2016

Fagerberg 3C-18-M

Surface

Job Date: Wednesday, June 08, 2016

Sincerely,
Lauren Roberts

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1.0 Cementing Job Summary

1.1 Executive Summary

Halliburton appreciates the opportunity to perform the cementing services on the **Fagerberg 3C-18-M** 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.

12 bbl. 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]

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Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 359915	Ship To #: 3741113	Quote #:	Sales Order #: 0903358825							
Customer: SYNERGY RESOURCES CORPORATION		Customer Rep: SEAN								
Well Name: FAGERBERG	Well #: 3C-18-M	API/UWI #: 05-123-43184-00								
Field: WATTENBERG	City (SAP): EATON	County/Parish: WELD	State: COLORADO							
Legal Description: SW SW-12-6N-66W-1251FSL-235FWL										
Contractor: PRECISION DRLG		Rig/Platform Name/Num: PRECISION 462								
Job BOM: 7521										
Well Type: HORIZONTAL OIL										
Sales Person: HALAMERICA/HB71271		Srv Supervisor: Joseph Scileppi								
Job										
Formation Name										
Formation Depth (MD)	Top 0	Bottom	1763							
Form Type	BHST									
Job depth MD	1752ft	Job Depth TVD	1763							
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
Casing	3	16	15.376	55			0	40	0	40
Casing		9.625	8.921	36			0	1752	0	1752
Open Hole Section			13.5				40	1763	40	1763
Tools and Accessories										
Type	Size in	Qty	Make	Depth ft		Type	Size in	Qty	Make	
Guide Shoe	9.625			1752		Top Plug	9.625	1	HES	
Float Shoe	9.625					Bottom Plug	9.625			
Float Collar	9.625					SSR plug set	9.625			
Insert Float	9.625					Plug Container	9.625	1	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/mi	Total Mix Fluid Gal	

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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 ft ³ /sack	Mix Fluid Gal	Rate bbl/mi	Total Mix Fluid Gal	
3	Displacement	Displacement	132	bbl	8.33					
Cement Left In Pipe		Amount	46 ft	Reason					Shoe Joint	
Mix Water: pH ##		Mix Water: ## ppm			Mix Water Temperature: ## °F °C					
		Chloride:								
Cement Temperature: ## °F °C		Plug Displaced by: ## lb/gal kg/m ³ XXXX			Disp. Temperature: ## °F °C					
Plug Bumped? Yes/No		Bump Pressure: ### psi MPa			Floats Held? Yes/No					
Cement Returns: ## bbl m ³		Returns Density: ## lb/gal kg/m ³			Returns Temperature: ## °F °C					
Comment GOT 12 BBLS OF CMT TO SURFACE										

2.0 Real-Time Job Summary

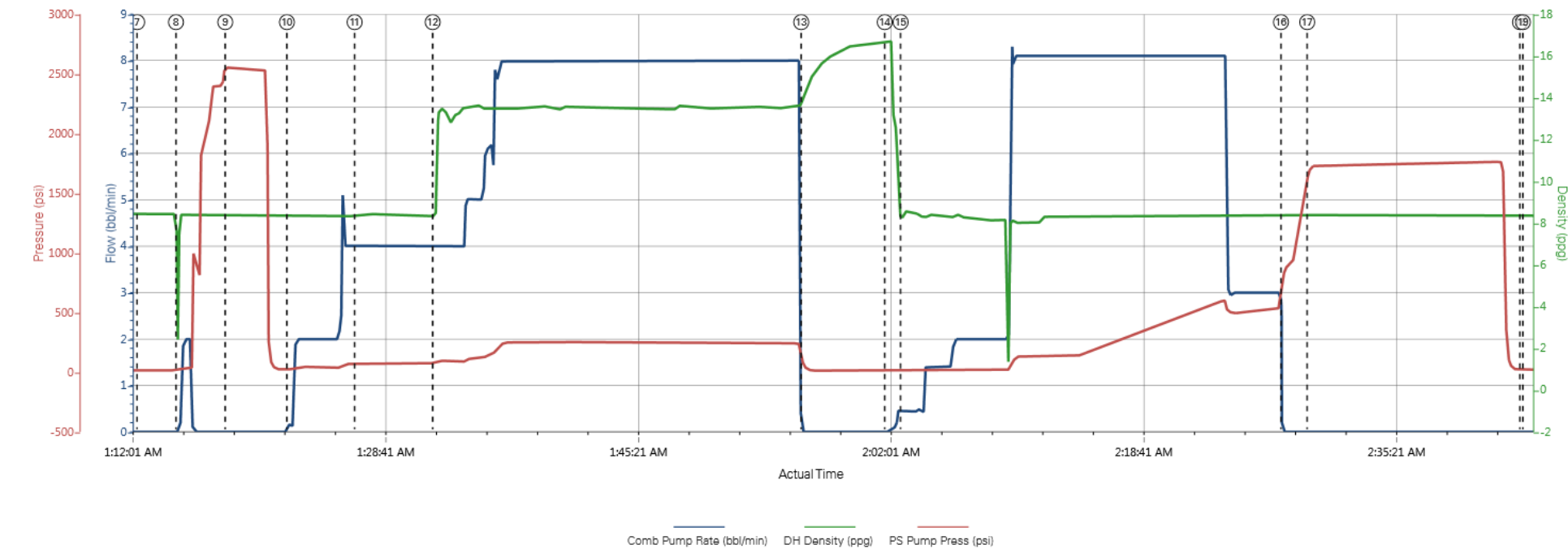
2.1 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	Comb Pump Rate (bbl/min)	DH Density (ppg)	PS Pump Press (psi)	Comments
Event	1	Call Out	Call Out	6/8/2016	16:00:00	USER				CALLOUT FOR ON LOCATION AT 2100
Event	2	Crew Leave Yard	Crew Leave Yard	6/8/2016	19:30:00	USER				PRE JOURNEY JSA W/ CREW
Event	3	Arrive At Loc	Arrive At Loc	6/8/2016	20:30:00	USER				UPON ARRIVAL RIG HAD 40 JOINTS LEFT TO RUN, MET W/ COMPANY REP TO DISCUSS JOB PROCEDURE
Event	4	Rig-Up Equipment	Rig-Up Equipment	6/8/2016	23:00:00	USER				PRE RIG UP HAZARD HUNT JSA W/ CREW
Event	5	Other	Other	6/8/2016	23:05:00	USER				FIELD MIX WATER ANALYSIS: TEMP- 63, PH-7, CHLORIDES-0
Event	6	Pre-Job Safety Meeting	Pre-Job Safety Meeting	6/8/2016	23:11:25	USER				JSA W/ ALL INVOLVED PERSONNEL
Event	7	Start Job	Start Job	6/9/2016	01:12:27	COM5	0.00	8.44	16.00	
Event	8	Prime Pumps	Prime Pumps	6/9/2016	01:15:00	COM5	0.00	5.07	25.00	FILLED LINE W/ 2 BBLS OF H2O AT 2 BPM AND 41 PSI
Event	9	Test Lines	Test Lines	6/9/2016	01:18:15	COM5	0.00	8.40	2555.00	TESTED LINES TO 2500 PSI FOR 5 MIN, NO VISIBLE LEAKS
Event	10	Pump Spacer 1	Pump Spacer 1	6/9/2016	01:22:19	COM5	0.20	8.33	25.00	PUMPED 10 BBLS OF DYE WATER AT 4 BPM AND 73 PSI
Event	11	Pump Spacer 2	Pump Spacer 2	6/9/2016	01:26:47	COM5	4.00	8.34	70.00	PUMPED 20 BBLS OF MUD FLUSH AT 4 BPM AND 75 PSI
Event	12	Pump Cement	Pump Cement	6/9/2016	01:31:56	COM5	4.00	8.33	76.00	PUMPED 535 SKS OR 169.6 BBLS OF 13.4 CMT AT 8 BPM AND 250 PSI
Event	13	Shutdown	Shutdown	6/9/2016	01:56:15	COM5	0.00	14.05	59.00	
Event	14	Drop Top Plug	Drop Top Plug	6/9/2016	02:01:45	COM5	0.00	16.69	12.00	PLUG PRE LOADED AND WITNESSED BY COMPANY REP
Event	15	Pump Displacement	Pump Displacement	6/9/2016	02:02:48	COM5	0.40	8.32	14.00	PUMPED 132 BBLS OF H2O AT 8 BPM AND 450 PSI, GOT 12 BBLS OF CMT TO SURFACE
Event	16	Bump Plug	Bump Plug	6/9/2016	02:27:53	COM5	0.00	8.36	820.00	FINAL CIRCULATING PRESSURE WAS 530 PSI AND PLUG BUMPED AT 900 PSI
Event	17	Pressure Up Well	Pressure Up Well	6/9/2016	02:29:37	COM5	0.00	8.38	1697.00	1700 PSI CASING TEST FOR 15 MIN
Event	18	Other	Other	6/9/2016	02:43:39	COM5	0.00	8.35	19.00	CHECKED FLOATS, THEY HELD AND GOT 1 BBL BACK TO

TRUCK

Event	19	End Job	End Job	6/9/2016	02:43:51	COM5	0.00	8.35	19.00
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FAGERBERG 3C-18-M



① Call Out n/a;n/a;n/a	④ Rig-Up Equipment n/a;n/a;n/a	⑦ Start Job 0;8.44;16	⑩ Pump Spacer 1 0.2;8.33;25	⑬ Shutdown 0;14.05;59	⑯ Bump Plug 0;8.36;820	⑲ End Job 0;8.35;19
② Crew Leave Yard n/a;n/a;n/a	⑤ Other n/a;n/a;n/a	⑧ Prime Pumps 0;5.07;25	⑪ Pump Spacer 2 4;8.34;70	⑭ Drop Top Plug 0;16.69;12	⑰ Pressure Up Well 0;8.38;1697	
③ Arrive At Loc n/a;n/a;n/a	⑥ Pre-Job Safety Meeting 0;0.05;-39	⑨ Test Lines 0;8.4;2555	⑫ Pump Cement 4;8.33;76	⑮ Pump Displacement 0.4;8.32;14	⑱ Other 0;8.35;19	

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