

HALLIBURTON

iCem[®] Service

SYNERGY RESOURCES CORPORATION

Date: Tuesday, March 15, 2016

SRC VISTA S-2N-C Production

Job Date: Thursday, March 03, 2016

Sincerely,

Julia Nichols

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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 Vista S-2N-C** 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.

20 barrels 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 #: 3644326	Quote #:	Sales Order #: 0903152973
Customer: SYNERGY RESOURCES CORPORATION		Customer Rep: LARRY SCHNEIDER	
Well Name: SRC VISTA	Well #: S-2N-C	API/UWI #: 05-123-41059-00	
Field: WATTENBERG	City (SAP): BERTHOUD	County/Parish: WELD	State: COLORADO
Legal Description: NW SW-2-4N-68W-2223FSL-254FWL			
Contractor: PRECISION DRLG		Rig/Platform Name/Num: PRECISION 462	
Job BOM: 7523			
Well Type: HORIZONTAL OIL			
Sales Person: HALAMERICA\HX38199		Srcv Supervisor: Christopher Pickell	
Job			

Formation Name			
Formation Depth (MD)	Top	Bottom	
Form Type	BHST		
Job depth MD	11615ft	Job Depth TVD	7075ft
Water Depth	Wk Ht Above Floor 4ft		
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		9.625	8.921	36		J-55	0	1630		1630
Casing		5.5	4.892	17		P-110	0	11599	0	7075
Open Hole Section			8.5				1630	11615	1630	7075

Tools and Accessories									
Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make	
Guide Shoe	5.5				Top Plug	5.5	1		
Float Shoe	5.5	1		11599	Bottom Plug	5.5	1		
Float Collar	5.5	1		11505	SSR plug set	5.5			
Insert Float	5.5				Plug Container	5.5	1	HES	
Stage Tool	5.5				Centralizers	5.5			

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	Tuned Spacer III	Tuned Spacer III	40	bbl	11.5	3.86	24.8	5		
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	Lead ElastiCem	ELASTICEM (TM) SYSTEM	1000	sack	13.2	1.57	7.51	6		
		7.51 Gal	FRESH WATER							

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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/mi n	Total Mix Fluid Gal	
3	Tail EconoCem	ECONOCEM (TM) SYSTEM	760	sack	13.5	1.65	7.86	6		
4	MMCR Displacement	MMCR Displacement	266.9	bbl	8.34			8		
Cement Left In Pipe		Amount	93 ft		Reason			Shoe Joint		
Comment Returned all spacer and 20 bbl of cement to surface. Floats held										

2.0 Real-Time Job Summary

2.1 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	Downhole Density <i>(ppg)</i>	Combined Pump Rate <i>(bbl/min)</i>	Pass-Side Pump Pressure <i>(psi)</i>	Comments
Event	1	Call Out	Call Out	3/3/2016	12:30:00	USER				Crew called out at 12:30 to be on location at 18:00. Crew was Chris Pickell, Nate Moore, Prince Perez, Anthony Elliot
Event	2	Safety Meeting - Service Center or other Site	Safety Meeting - Service Center or other Site	3/3/2016	16:30:00	USER				Safety meeting held for journey, equipment double checked. Left the yard for Precision 462
Event	3	Arrive At Loc	Arrive At Location	3/3/2016	17:30:00	USER				Arrive on location 30 minutes early. Rig had just landed casing and began to rig down the casing crew
Event	4	Other	Well Data	3/3/2016	17:35:00	USER				TD 11615'. TP 11599' 5 1/2" 17#. FC 11505'. 8 1/2" OH. TVD 7075'. SURF 1630' 9 5/8" 36#. WBM 10.4#
Event	5	Safety Meeting - Pre Rig-Up	Safety Meeting - Pre Rig-Up	3/3/2016	17:40:00	USER				Safety meeting held for rig up. Hazard hunt performed. Rig up planned and executed.
Event	6	Safety Meeting - Pre Job	Safety Meeting - Pre Job	3/3/2016	19:00:00	USER				Safety meeting held with rig crew to discuss job safety and procedure
Event	7	Start Job	Start Job	3/3/2016	19:27:41	COM6				
Event	8	Prime Pumps	Prime Pumps	3/3/2016	19:41:31	COM6				
Event	9	Test Lines	Test Lines	3/3/2016	19:45:26	COM6	8.52	0.00	5261.00	Pressure test lines to 5000 psi. Checked for visible leaks and pressure loss
Event	10	Pump Spacer 1	Pump Spacer 1	3/3/2016	19:55:16	COM6	11.59	4.50	460.00	Pump 40 bbl of 11.5 ppg Tuned Spacer 3.86 yield 24.8 gal/sk. 2# of red dye added in first tub. Spacer scaled at 11.5 ppg two times
Event	11	Shutdown	Shutdown	3/3/2016	20:03:57	COM6	11.05	0.00	66.00	Shutdown to mix up and scale first tub of cement
Event	12	Drop Bottom Plug	Drop Bottom Plug	3/3/2016	20:08:50	COM6	11.16	0.00	63.00	3rd party plug preloaded. Drop witnessed by company man Larry
Event	13	Pump Lead Cement	Pump Lead Cement	3/3/2016	20:09:10	COM6	11.37	4.70	229.00	Pump 1000 sks 279.6 bbl ElastiCem cement 13.2 ppg

1.57 yield 7.51 gal/sk

Event	14	Check Weight	Check weight	3/3/2016	20:23:44	COM6	13.25	6.30	281.00	Cement scaled at 13.2 ppg
Event	15	Pump Tail Cement	Pump Tail Cement	3/3/2016	20:54:26	COM6	13.49	6.30	304.00	Pump 760 sks 223 bbl EconoCem cement 13.5 ppg 1.65 yield 7.86 gal/sk
Event	16	Check Weight	Check weight	3/3/2016	20:57:42	COM6	13.26	6.30	293.00	Cement scaled at 13.5 ppg
Event	17	Shutdown	Shutdown	3/3/2016	21:32:00	COM6	12.06	0.00	129.00	
Event	18	Clean Lines	Clean Lines	3/3/2016	21:33:51	USER	11.75	1.30	70.00	Wash pumps and lines to rigs wash up tank
Event	19	Drop Top Plug	Drop Top Plug	3/3/2016	21:39:09	COM6	8.32	0.00	56.00	Plug preloaded. Drop witnessed by company man Larry
Event	20	Pump Displacement	Pump Displacement	3/3/2016	21:39:27	COM6	8.29	1.30	56.00	Pump displacement using water. First 20 with 10 gallons of MMCR. Rest of displacement with 20 gallons of Cla-Web and 10 gallons of customer's Biocide
Event	21	Cement Returns to Surface	Cement Returns to Surface	3/3/2016	22:13:56	USER	8.25	6.00	2557.00	Cement to surface with 245 bbl away
Event	22	Bump Plug	Bump Plug	3/3/2016	22:21:43	COM6	8.24	3.00	2348.00	Plug landed with 2411 psi shutting down with 2900
Event	23	Other	Check Floats	3/3/2016	22:25:26	COM6	8.26	0.00	3052.00	Pressure was held for 4 minutes then released. Floats held. 3 bbl back to tanks
Event	24	Safety Meeting - Pre Rig-Down	Safety Meeting - Pre Rig-Down	3/3/2016	22:27:06	USER				Safety meeting held for rig down. Rigged down all equipment
Event	25	End Job	End Job	3/3/2016	22:27:14	COM6				Returned all 40 bbl of spacer and 20 bbl of cement to surface
Event	26	Safety Meeting - Departing Location	Safety Meeting - Departing Location	3/3/2016	23:30:00	USER				Safety meeting held for journey. Left location for the yard