

HALLIBURTON

iCem[®] Service

SYNERGY OIL & GAS LP

Date: Tuesday, November 17, 2015

SRC Vista 44-2N-C

Surface

Job Date: Sunday, November 08, 2015

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 Vista 44-2N-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.

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 #: 3701194		Quote #:		Sales Order #: 0902877255				
Customer: SYNERGY RESOURCES CORPORATION				Customer Rep:						
Well Name: SRC VISTA		Well #: 44-2N-C		API/UWI #: 05-123-41057						
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				Srvc Supervisor: Joseph Fantasia						
Job										
Formation Name										
Formation Depth (MD)		Top		Bottom						
Form Type		BHST								
Job depth MD		655ft		Job Depth TVD		655				
Water Depth				Wk Ht Above Floor		6				
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			0	655	0	655
Open Hole Section			13.5				0	670	0	670
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	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 ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal	
2	SwiftCem B2	SWIFTCEN (TM) SYSTEM	215	sack	13.4	1.79	9.5	4		
9.50 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	Displacement	Displacement	47	bbl	8.33					

last updated on 11/8/2015 10:51:30 AM

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(v. 4.2.393)

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Cementing Job Summary

Cement Left In Pipe	Amount	45 ft	Reason	Shoe Joint
Mix Water:	7	Mix Water	90	Mix Water
		Chloride:		Temperature:
Cement Temperature:		Plug Displaced by:	hes	Disp. Temperature:
Plug Bumped?	Yes/No	Bump Pressure:		Floats Held?
Cement Returns:	6	Returns Density:		Returns Temperature:
Comment APPROX 6 BBLS CEMENT TO SURFACE				

2.0 Real-Time Job Summary

2.1 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	Comments
Event	1	Arrive at Location from Service Center	Arrive at Location from Service Center	11/8/2015	05:00:00	USER	ARRIVE AT LOCATION @ 0500. REQUESTED ON LOCATION AT 0530. HELD SITE ASSESSMENT AND PRE RIG UP SAFETY MEETING WITH CREW PRIOR TO RIGGING UP EQUIPMENT.
Event	2	Start Job	Start Job	11/8/2015	08:11:07	COM5	HELD PRE JOB SAFETY MEETING WITH ALL PERSONNEL PRIOR TO JOB. RIG CIRCULATED 5 BBL/S/MIN 90 PSI FOR 30 MIN. MUD WEIGHT 9.4 PPG.
Event	3	Test Lines	Test Lines	11/8/2015	08:14:59	COM5	PRESSURE TEST LINES TO 2200 PSI.
Event	4	Pump Spacer 1	Pump Spacer 1	11/8/2015	08:16:54	COM5	PUMP 2 BBLs WATER WITH 2 LBS RED DYE ADDED.
Event	5	Pump Spacer 2	Pump Spacer 2	11/8/2015	08:19:47	COM5	PUMP 20 BBLs MUDFLUSH.
Event	6	Pump Lead Cement	Pump Lead Cement	11/8/2015	08:26:50	COM5	PUMP 68 BBLs SWIFTCM MIXED AT 13.4 PPG USING SUPPLIED WATER. DENSITY VERIFIED BY SCALE.
Event	7	Shutdown	Shutdown	11/8/2015	08:40:53	COM5	
Event	8	Drop Top Plug	Drop Top Plug	11/8/2015	08:41:46	USER	TOP PLUG PRE LOADED AND DROPPED DURING SHUTDOWN. CUSTOMER WITNESSED.
Event	9	Pump Displacement	Pump Displacement	11/8/2015	08:42:34	COM5	DISPLACE USING 47 BBLs WATER. GOOD RETURNS

							THROUGHOUT. APPROX 6 BBLs CEMENT.
Event	10	Bump Plug	Bump Plug	11/8/2015	08:54:32	COM5	PLUG LANDED AT 240 PSI. PRESSURE BROUGHT TO 700 PSI AND HELD 5 MIN.
Event	11	Check Floats	Check Floats	11/8/2015	09:00:14	USER	FLOATS HELD. 1 BBL BACK.
Event	12	End Job	End Job	11/8/2015	09:15:19	COM5	HELD PRE RIG DOWN SAFETY MEETING PRIOR TO RIGGING DOWN EQUIPMENT.
Event	13	Depart Location	Depart Location	11/8/2015	10:00:00	USER	JOURNEY MGMNT PRIOR TO LEAVING.

2.2 Custom Graph

