

**SYNERGY RESOURCES CORPORATION
20203 HIGHWAY 60
PLATTEVILLE, Colorado**

Olson 42-3D

Ensign 226

Post Job Summary **Cement Surface Casing**

Date Prepared: 09/09/2012
Version: 1

Service Supervisor: FANTASIA, JOSEPH

Submitted by: PLIENESS, RYAN

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Wellbore Geometry

Job Tubulars					MD		TVD		Excess	Shoe Joint Length
Type	Description	Size in	ID in	Wt lbm/ft	Top ft	Bottom ft	Top ft	Bottom ft	%	ft
Open Hole Section	Open Hole		12.250		0.00	1,041.00	0.00	1,041.00		
Casing	Surface Casing	8.63	8.097	24.00	0.00	1,030.84	0.00	1,030.84		

Pumping Schedule

Stage /Plug #	Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal		Surface Volume	Downhole Volume
1	1	Spacer	Fresh Water Spacer	8.33		10.0 bbl	10.0 bbl
1	2	Cement Slurry	SwiftCem B2	13.40		315.0 sacks	315.0 sacks

Fluids Pumped

Stage/Plug # 1 Fluid 1: Fresh Water Spacer
DUMMY MUD / FLUSH / SPACER SBC MATERIAL

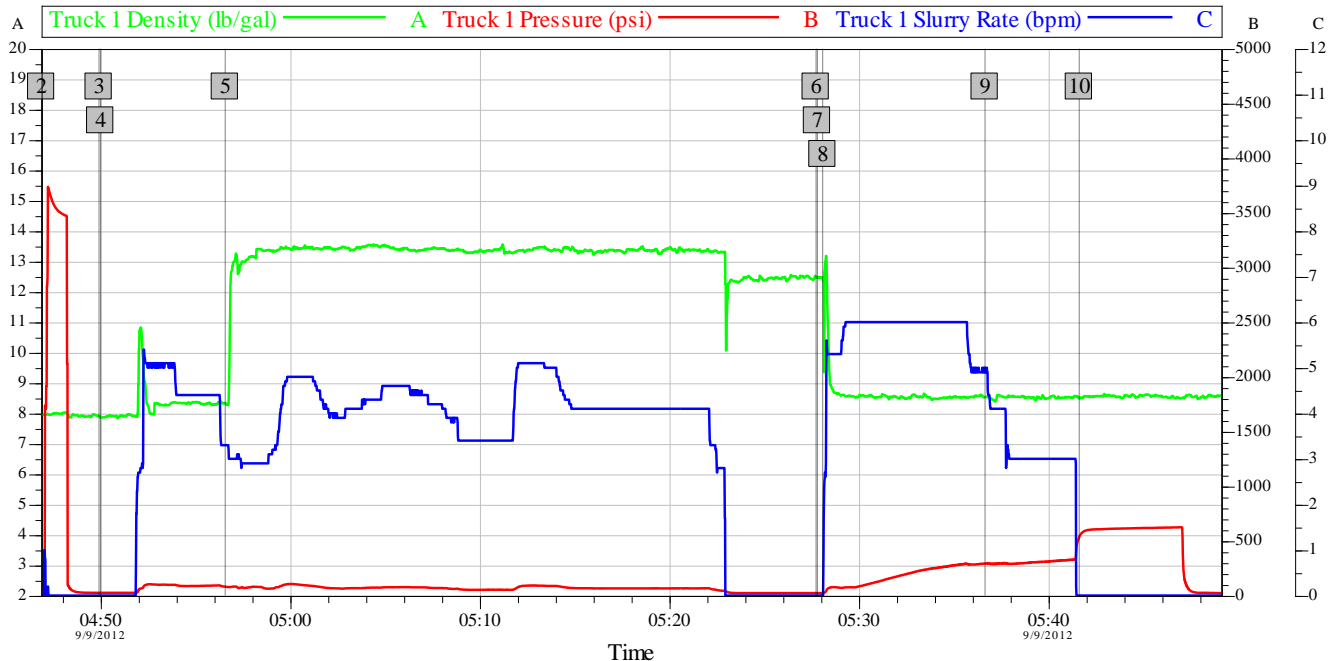
Fluid Density: 8.33 lbm/gal
Fluid Volume: 10.00 bbl

Stage/Plug # 1 Fluid 2: SwiftCem B2
SWIFTCM (TM) SYSTEM

Fluid Weight: 13.40 lbm/gal
Slurry Yield: 1.84 ft³/sack
Total Mixing Fluid: 9.73 Gal
Surface Volume: 315.0 sacks
Sacks: 315.0 sacks

Data Acquisition

SYNERGY 42-3D SURFACE



Global Event Log

1 Starting Job	04:16:00	2 Start Job	04:46:53	3 Test Lines	04:49:55
4 Pump Spacer 1	04:50:00	5 Pump Cement	04:56:35	6 Shutdown	05:27:45
7 Drop Top Plug	05:27:49	8 Pump Displacement	05:28:06	9 Displ Reached Cmmt	05:36:40
10 Bump Plug	05:41:38	11 Ending Job	06:12:30		

Customer:	Job Date: 09-Sep-2012	Sales Order #: 1
Well Description:	UWI:	

OptiCem v6.4.10
09-Sep-12 06:15

Service Supervisor Reports

Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump		Pressure (psig)	Comments
09/08/2012 22:30		Arrive at Location from Service Center						
09/08/2012 22:45		Assessment Of Location Safety Meeting						
09/09/2012 04:45		Start Job						
09/09/2012 04:47		Test Lines					3550.0	PRESSURE TEST LINES TO 3500 PSI
09/09/2012 04:52		Pump Spacer 1	4	20			119.0	PUMP 20 BBLS WATER SPACER WITH RED DYE ADDED IN THE LAST 10 BBLS
09/09/2012 04:57		Pump Cement	6	103			122.0	315 SKS SWIFTCEM MIXED AT 13.4 PPG USING RIG WATER
09/09/2012 05:23		Shutdown						
09/09/2012 05:28		Drop Top Plug						PLUG PRELOADED
09/09/2012 05:31		Pump Displacement	7	63			120.0	GOOD RETURNS THROUGHOUT. CEMENT TO SURFACE AT 41 BBLS OUT OF 63 BBLS TOTAL DISPLACEMENT. APPROX 22 BBLS CEMENT TO SURFACE.
09/09/2012 05:41		Bump Plug	3				390.0	PLUG LANDED AT 390 PSI AND BROUGHT TO 600 PSI AND HELD FOR 3 MIN.
09/09/2012 05:44		Check Floats						FLOATS HELD
09/09/2012 05:50		End Job						

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The Road to Excellence Starts with Safety

Sold To #: 359915	Ship To #: 2950538	Quote #:	Sales Order #: 9806818
Customer: SYNERGY RESOURCES CORPORATION		Customer Rep: Weitzel, Craig	
Well Name: Olson		Well #: 42-3D	API/UWI #: 05-123-35921-00
Field: WATTENBERG	City (SAP): MEAD	County/Parish: Weld	State: Colorado
Contractor: Ensign		Rig/Platform Name/Num: 226	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: AARON, WESLEY		Srv Supervisor: FANTASIA, JOSEPH	MBU ID Emp #: 485445

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BULINSKI, MATTHEW J	8.5	483865	BURGESS, CODY Alan	8.5	511446	FANTASIA, JOSEPH Brandon	8.5	485445

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10867419C	25 mile	11142998	25 mile	11410470C	25 mile	11764739	25 mile

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours

TOTAL Total is the sum of each column separately

Job

Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Form Type	Job depth MD	Water Depth	Perforation Depth (MD)	From	To	Called Out	Date	Time	Time Zone
				BHST	1034. ft						08 - Sep - 2012	20:30	MST
										On Location	08 - Sep - 2012	22:30	MST
										Job Started	09 - Sep - 2012	04:45	MST
										Job Completed	09 - Sep - 2012	06:00	MST
										Departed Loc	09 - Sep - 2012	07:00	MST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Open Hole				12.25				.	1041.	.	1041.
Surface Casing	Mixed		8.625	8.097	24.			.	1030.8	.	1030.8

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

Miscellaneous Materials

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty	

Fluid Data

Stage/Plug #: 1

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Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Fresh Water Spacer		10.00	bbl	8.33	.0	.0	.0	
2	SwiftCem B2	SWIFTCEM (TM) SYSTEM (452990)	315.0	sacks	13.4	1.84	9.73		9.73
9.73 Gal		FRESH WATER							
Calculated Values		Pressures		Volumes					
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
Rates									
Circulating		Mixing		Displacement		Avg. Job			
Cement Left In Pipe	Amount	0 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
The Information Stated Herein Is Correct				Customer Representative Signature					