

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

Olson 31-3D

Ensign 226

Post Job Summary **Cement Surface Casing**

Date Prepared: 09/08/2012
Version: 1

Service Supervisor: NIELSON, BRANDON

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

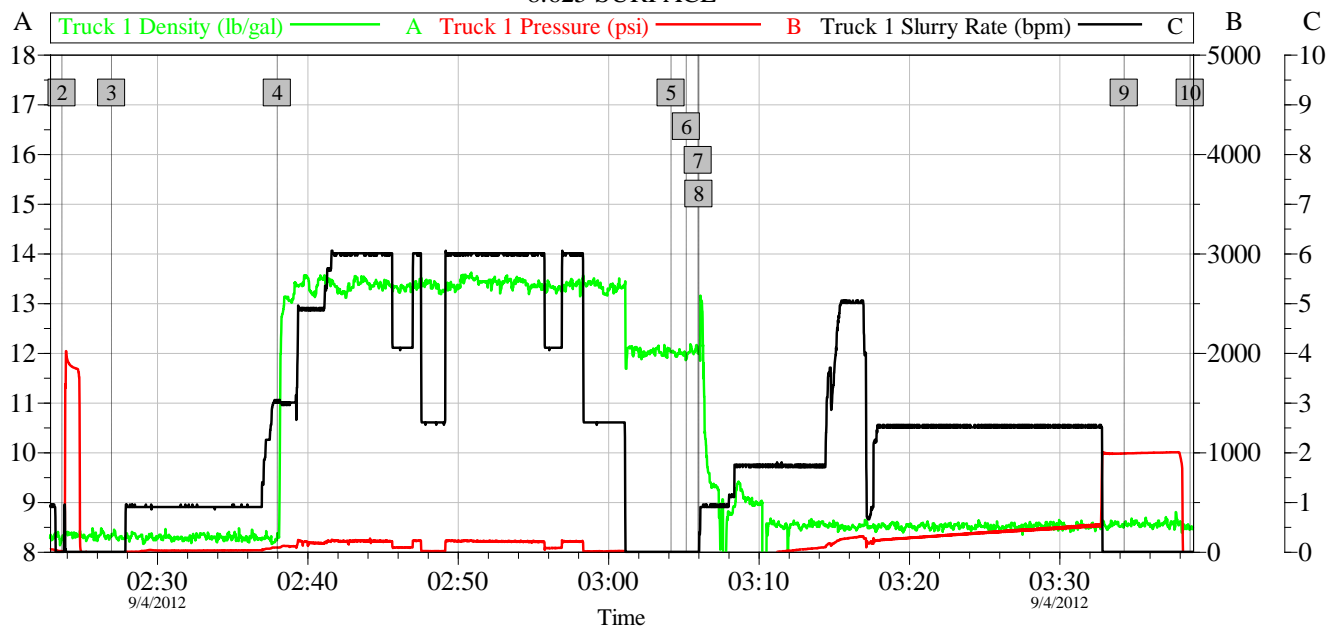
Fluid Density: 8.33 lbm/gal
Fluid Volume: 10.00 bbl

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 OLSON 31-3D 8.625 SURFACE



Global Event Log								
Intersection		T1P	Intersection		T1P	Intersection		T1P
1	Starting Job	01:43:51 33.06	2	Test Lines	02:23:41 5.852	3	Pump Spacer 1	02:26:58 -0.972
4	Pump Cement	02:37:59 42.78	5	Shutdown	03:04:10 -21.39	6	Clean Lines	03:05:11 -22.06
7	Drop Top Plug	03:05:58 -22.54	8	Pump Displacement	03:06:01 -22.36	9	Bump Plug	03:34:18 989.3
10	End Job	03:38:41 -26.67	11	Ending Job	03:43:04 -23.33			

Customer:	Job Date: 04-Sep-2012	Sales Order #: 9792483
Well Description:	UWI:	

OptiCem v6.4.10
04-Sep-12 03:43

Service Supervisor Reports

Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump		Pressure (psig)	Comments
09/04/2012 02:23		Test Lines						TEST LINES TO 2000 PSI NO VISIBLE LEAKS. CHAINED HEAD DOWN CALCULATED PRESSURE TO LIFT PIPE WAS 363 PSI.
09/04/2012 02:26		Pump Spacer 1	1.5	10			12.0	RIG WATER
09/04/2012 02:37		Pump Cement	6	103.2			111.0	315 SKS SWIFTCEM MIXED @ 13.4 # WITH RIG WATER
09/04/2012 03:04		Shutdown						
09/04/2012 03:05		Drop Top Plug						PLUG PRE LOADED WITNESSED BY COMPANY REP
09/04/2012 03:06		Pump Displacement	2.5				143.0	RIG WATER GOOD RETURNEES THROUGH OUT. CEMENT RETURNED TO SURFACE 27 BBL INTO DISPLACEMENT. Varified by scales, leaving us with 36 bbl to the pits
09/04/2012 03:34		Bump Plug	2.5				278.0	CALCULATED PRESSURE TO LAND WAS 246 PSI
09/04/2012 03:37		Check Floats					1000.0	FLOATS HELD
09/04/2012 03:38		End Job						

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The Road to Excellence Starts with Safety

Sold To #: 359915		Ship To #: 2949492		Quote #:		Sales Order #: 9792483	
Customer: SYNERGY RESOURCES CORPORATION				Customer Rep: W, Craige			
Well Name: Olson			Well #: 31-3D		API/UWI #: 05-123-35923		
Field: WATTENBERG		City (SAP): MEAD		County/Parish: Weld		State: Colorado	
Lat: N 40.261 deg. OR N 40 deg. 15 min. 37.858 secs.				Long: W 104.983 deg. OR W -105 deg. 1 min. 2.554 secs.			
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: NIELSON, BRANDON			MBU ID Emp #: 479703	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BOURGEOIS, KEVIN Paul	6.5	459092	EDWARDS, MICHEAL H	6.5	522592	NIELSON, BRANDON K	6.5	479703

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10824253C	26 mile	10951212	26 mile	11532305	26 mile	5707C	26 mile

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
TOTAL	<i>Total is the sum of each column separately</i>							

Job

Formation Name	Formation Depth (MD)	Top	Bottom	Job Type	Job depth MD	Water Depth	Perforation Depth (MD)	From	To	Called Out	On Location	Job Started	Job Completed	Departed Loc
				BHST	1041. ft					03 - Sep - 2012	03 - Sep - 2012	04 - Sep - 2012	04 - Sep - 2012	04 - Sep - 2012
										19:00	22:00	02:20	03:40	
										MST	MST	MST	MST	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

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Stage/Plug #: 1										
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						