

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

Olson
Olson 3CD

Ensign/226

Post Job Summary
Cement Surface Casing

Date Prepared: 10/01/2012
Version: 1

Service Supervisor: PICKELL, CHRISTOPHER

Submitted by: MCKAY, ADAM

HALLIBURTON

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Wellbore Geometry

Job Tubulars					MD		Excess %	Shoe Joint Length ft
Type	Description	Size in	ID in	Wt lbm/ft	Top ft	Bottom ft		
Open Hole Section	Open Hole		12.250		0.00	1,029.00	-	-
Casing	Surface Casing	8.63	8.097	24.00	0.00	1,020.00	-	-

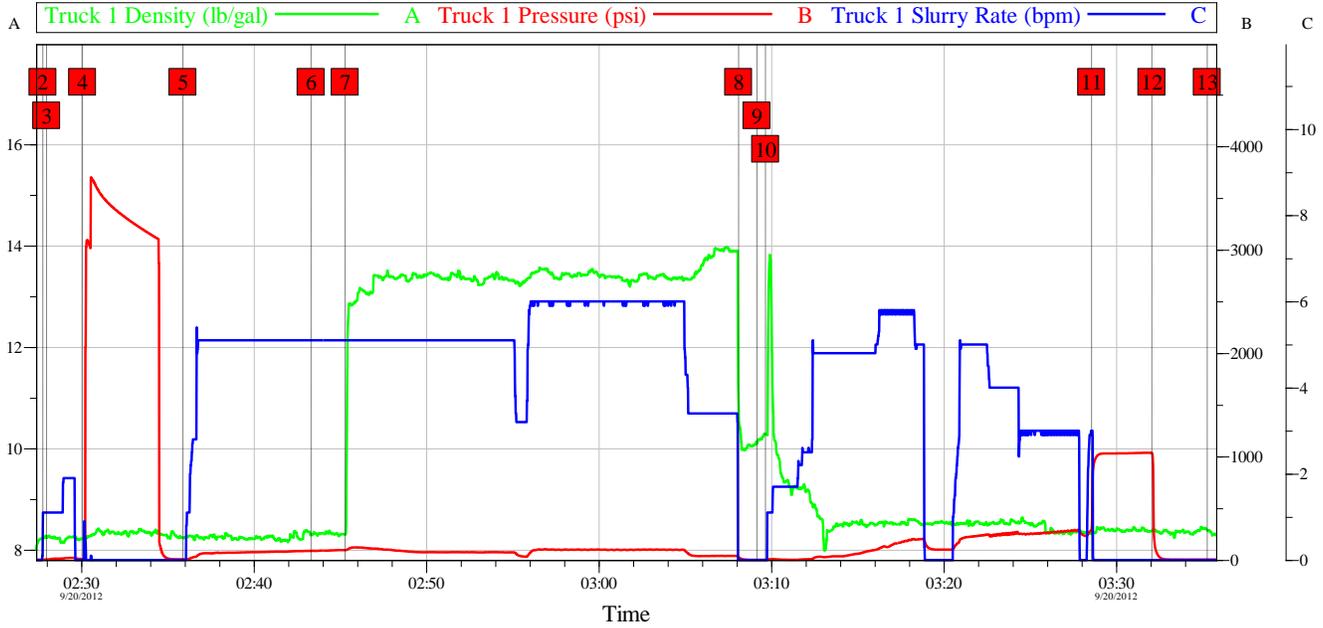
Pumping Schedule

Stage /Plug #	Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Avg Rate bbl/min	Surface Volume	Downhole Volume
1	1	Spacer	Fresh Water Spacer	8.33	5.00	40.0 bbl	40.0 bbl
1	2	Cement Slurry	SwiftCem B2	13.40	5.00	315.0 sacks	315.0 sacks

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Data Acquisition

OLSON 3CD
SYNERGY



Global Event Log

Intersection	T1P	Intersection	T1P	Intersection	T1P
2 Start Job	02:27:46 3.000	3 Prime Pumps	02:27:59 5.000	4 Test Lines	02:30:04 9.000
5 Pump Water	02:35:53 7.000	6 Pump Water W/Red Dye	02:43:19 88.00	7 Pump Swiftcem 13.4#	02:45:18 96.00
8 Shutdown	03:08:06 25.96	9 Drop Top Plug	03:09:10 2.000	10 Pump Displacement	03:09:40 2.000
11 Bump Plug	03:28:34 293.8	12 Check Floats	03:32:04 1036	13 End Job	03:35:17 4.000

Customer: SYNERGY
Well Description: OLSON 3CD
SERVICE SUPERVISOR CHRISTOPHER PICKELL

Job Date: 20-Sep-2012
UWI: 05-123-35920
SERVICE OPERATOR VAUGHN OTERI

Sales Order #: 9830712

OptiCem v6.4.10
20-Sep-12 03:47

Service Supervisor Reports

Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump	Pressure (psig)	Comments
09/20/2012 02:27		Start Job					
09/20/2012 02:30		Test Lines	1			3000.0	PRESSURE TEST LINES TO 3500 PSI. CHECK FOR VISIBLE LEAKS AND PRESSURE LOSS
09/20/2012 02:35		Pump Spacer 1	5	40		80.0	PUMP 40 BBL OF WATER. THE LAST 10 WITH RED DYE
09/20/2012 02:45		Pump Cement	6	103		60.0	PUMP SWIFTCEM CEMENT 315 SKS 13.4 PPG 1.84 CUFT/SK 9.73 GAL/SK MIXED WITH RIG WATER
09/20/2012 03:08		Shutdown					WASH PUMPS AND LINES ON TOP OF THE PLUG
09/20/2012 03:09		Drop Top Plug					PLUG PRELOADED. WITNESSED BY COMPANY MAN
09/20/2012 03:09		Pump Displacement	6	62.3		300.0	PUMP DISPLACEMENT USING RIG WATER
09/20/2012 03:28		Bump Plug	3			293.0	CALCULATED PRESSURE TO LAND WAS 259. PLUG LANDED WITH 293 PSI GOING 500 PSI OVER FINAL LIFT
09/20/2012 03:32		Check Floats					PRESSURE WAS HELD 4 MINUTES THEN RELEASED. FLOATS HELD 1/2 BBL BACK TO TANKS
09/20/2012 03:35		End Job					25 BBL OF CEMENT TO SURFACE ON DISPLACEMENT

HALLIBURTON

The Road to Excellence Starts with Safety

Sold To #: 359915		Ship To #: 2952446		Quote #:		Sales Order #: 9830712	
Customer: SYNERGY RESOURCES CORPORATION				Customer Rep: Weitzel, Charlie			
Well Name: Olson			Well #: 3CD		API/UWI #: 05-123-35920-00		
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			Srvc Supervisor: PICKELL, CHRISTOPHER			MBU ID Emp #: 396838	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
OTERI, VAUGHN Steeves	0.0	443828	PICKELL, CHRISTOPHER Lee	0.0	396838	SMITH, AARON David	0.0	518187

Equipment

HES Unit #	Distance-1 way						
10948694	25 mile	11360865C	25 mile	11566182	25 mile	11667703C	25 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

Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
					19 - Sep - 2012	20:30	MST
Form Type			BHST	On Location	19 - Sep - 2012	23:30	MST
Job depth MD	1029. ft		Job Depth TVD	1029. ft	Job Started	20 - Sep - 2012	02:27
Water Depth			Wk Ht Above Floor	5. ft	Job Completed	20 - Sep - 2012	03:35
Perforation Depth (MD)	<i>From</i>		<i>To</i>	Departed Loc	20 - Sep - 2012	04:30	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				.	1029.	.	.
Surface Casing	Mixed		8.625	8.097	24.			.	1020.	.	.

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

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
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HALLIBURTON

1	Fresh Water Spacer		40.00	bbl	8.33				
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				
<i>Displacement</i>		Shut In: Instant			Lost Returns		<i>Cement Slurry</i>		Pad
Top Of Cement		5 Min			Cement Returns		Actual Displacement		Treatment
Frac Gradient		15 Min			Spacers		Load and Breakdown		Total Job
Rates									
<i>Circulating</i>			<i>Mixing</i>			<i>Displacement</i>		Avg. Job	
<i>Cement Left In Pipe</i>		Amount	0 ft	<i>Reason</i>	Shoe Joint				
<i>Frac Ring # 1 @</i>	<i>ID</i>	<i>Frac ring # 2 @</i>	<i>ID</i>	<i>Frac Ring # 3 @</i>	<i>ID</i>	<i>Frac Ring # 4 @</i>	<i>ID</i>	<i>ID</i>	<i>ID</i>
<i>The Information Stated Herein Is Correct</i>				Customer Representative Signature					