

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

Olson
Olson 42-3D

Ensign/226

Post Job Summary **Cement Production Casing**

Date Prepared: 12/08/2012
Version: 1

Service Supervisor: NIELSON, BRANDON

Submitted by: MCKAY, ADAM

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Wellbore Geometry

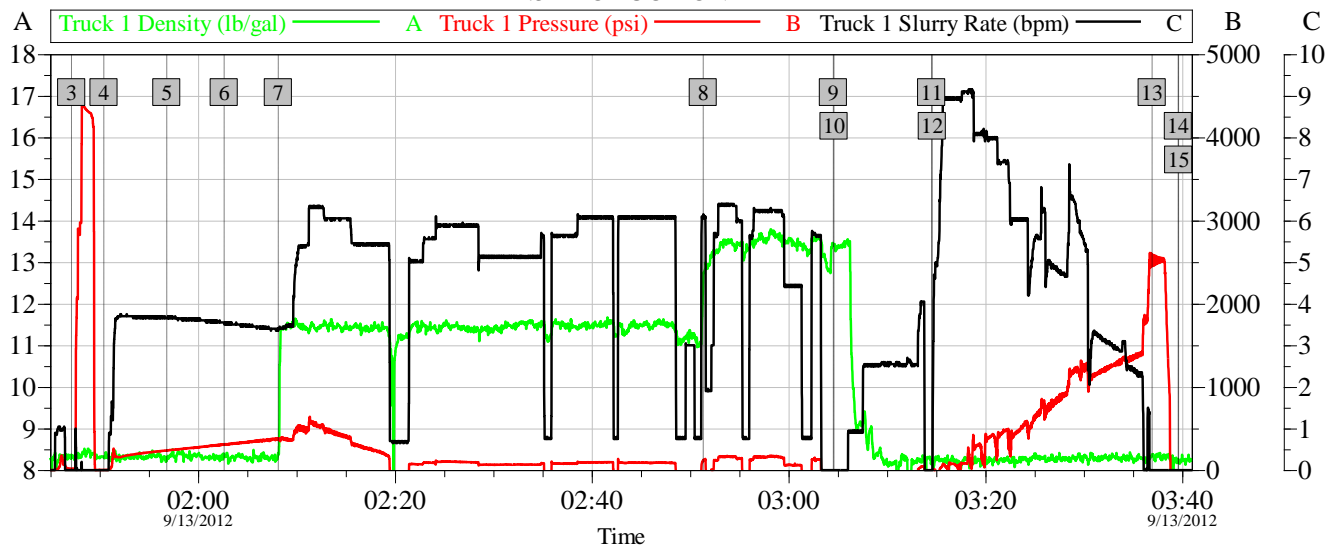
Job Tubulars					MD		Shoe Joint Length ft
Type	Description	Size in	ID in	Wt lbm/ft	Top ft	Bottom ft	
Casing	Production Casing	4.50	4.000	11.60	0.00	7,821.00	18.00
Open Hole Section	Open Hole		7.875		1,024.00	7,826.00	
Casing	Surface Casing	8.63	8.097	24.00	0.00	1,024.00	

Pumping Schedule

Stage /Plug #	Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Avg Rate bbl/min	Surface Volume	Downhole Volume
1	1	Spacer	MUD FLUSH III	8.40	4.00	24.0 bbl	24.0 bbl
1	2	Cement Slurry	EXTENDACEM B1	11.50	6.00	570.0 sacks	570.0 sacks
1	3	Cement Slurry	FracCem B2	13.50	6.00	190.0 sacks	190.0 sacks

Data Acquisition

SYNERGY OLSON 42-3D 4.5 PRODUCTION



Global Event Log

Intersection	TIP	Intersection	TIP	Intersection	TIP
1 Starting Job	00:51:58 -1.945	2 Start Job	01:44:47 1.945	3 Test Lines	01:47:08 17.63
4 Pump Spacer 1	01:50:25 3.020	5 Pump Spacer 2	01:56:48 239.1	6 Pump Spacer 1	02:02:38 308.6
7 Pump Lead Cement	02:08:08 383.1	8 Pump Tail Cement	02:51:19 119.8	9 Shutdown	03:04:32 -47.64
10 Clean Lines	03:04:36 -47.64	11 Drop Top Plug	03:14:31 -54.45	12 Pump Displacement	03:14:35 -54.43
13 Bump Plug	03:36:56 2525	14 Other	03:39:35 -41.70	15 End Job	03:39:37 -41.73
16 Ending Job	03:44:09 -39.86				

Customer: SYNERGY	Job Date: 13-Sep-2012	Sales Order #: 9814106
Well Description: PRODUCTION	UWI: 05-123-35921	ENSING 226
SERVICE SUPERVISOR BRANDON NIELSON	OPERATOR KEVIN BOURGEOIS	PUMP 10824253

OptiCem v6.4.10
13-Sep-12 03:45

Service Supervisor Reports

Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump		Pressure (psig)	Comments
09/13/2012 01:47		Test Lines						TESTED LINES TO 3500 PSI NO VISIBLE LEAKS
09/13/2012 01:50		Pump Spacer 1	5	20			240.0	RIG WATER MIXED WITH CLAWEB
09/13/2012 01:56		Pump Spacer 2	5	20			346.0	RIG WATER MIXED WITH MUD FLUSH
09/13/2012 02:02		Pump Spacer 1	5	20			395.0	RIG WATER MIXED WITH CLAWEB
09/13/2012 02:08		Pump Lead Cement	6	233			383.0	570 SKS EXTEDACEM MIXED @ 11.5 # WITH RIG WATER
09/13/2012 02:51		Pump Tail Cement	6	58.8			119.0	190 SKS FRACCEM MIXED @ 13.5 # WITH RIG WATER
09/13/2012 03:04		Shutdown						
09/13/2012 03:04		Clean Lines						
09/13/2012 03:14		Drop Top Plug						REMOVE CAP AND DROP TOP PLUG WHILE WASHING LINES
09/13/2012 03:14		Pump Displacement	6	120.9			500.0	RIG WATER MIXED WITH CLAWEB. GOOD RETURNS THROUGH OUT. WATER SPACER RETURNED TO SURFACE 109 BBL INTO DISPLACEMENT. LEAVING US WITH 11.9 BBL TO SURFACE
09/13/2012 03:36		Bump Plug	3				1420.0	CALULATED PRESSURE TO LAND WAS 1323
09/13/2012 03:39		Check Floats					2500.0	FLOATS HELD
09/13/2012 03:39		End Job						

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The Road to Excellence Starts with Safety

Sold To #: 359915	Ship To #: 2950538	Quote #:	Sales Order #: 9814106
Customer: SYNERGY RESOURCES CORPORATION		Customer Rep: Weitzel, Craig	
Well Name: Olson		Well #: 42-3D	API/UWI #: 05-123-35921
Field: WATTENBERG	City (SAP): MEAD	County/Parish: Weld	State: Colorado
Lat: N 40.26 deg. OR N 40 deg. 15 min. 37.739 secs.		Long: W 104.983 deg. OR W -105 deg. 1 min. 2.438 secs.	
Contractor: Ensign		Rig/Platform Name/Num: 226	
Job Purpose: Cement Production Casing			
Well Type: Development Well		Job Type: Cement Production Casing	
Sales Person: AARON, WESLEY		Srvc 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	BURGESS, CODY Alan	6.5	511446	GROVES, COREY	6.5	497175
JEWELL, WILLIAM Uris	6.5	503358	MARKOVICH, STEVEN Michael	6.5	502964	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	25 mile	10951212	25 mile	11064535	25 mile	11526488	25 mile
11764052	25 mile	53301	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	Job Depth TVD	Water Depth	Wk Ht Above Floor	Perforation Depth (MD)	From	To	Deparated Loc	Date	Time	Time Zone
				BHST	7826. ft	7826. ft		4. ft					12 - Sep - 2012	19:00	MST
													12 - Sep - 2012	22:00	MST
													13 - Sep - 2012	01:43	MST
													13 - Sep - 2012	03:40	MST
													13 - 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				7.875				1024.	7826.	.	.
Production Casing	Unknown		4.5	4.	11.6			.	7821.	.	.
Surface Casing	Unknown		8.625	8.097	24.			.	1024.	.	.

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

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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 ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	
1	MUD FLUSH III	MUD FLUSH III - SBM (528788)	24.00	bbl	8.4					
2	EXTENDACEM B1	EXTENDACEM (TM) SYSTEM (452981)	570.0	sacks	11.5	2.3	12.93		12.93	
12.93 Gal		FRESH WATER								
3	FracCem B2	FRACCEN (TM) SYSTEM (452963)	190.0	sacks	13.5	1.74	8.29		8.29	
8.289 Gal		FRESH WATER								

Calculated Values		Pressures		Volumes			
Displacement		Shut In: Instant		Lost Returns		Cement Slurry	
Top Of Cement		5 Min		Cement Returns		Actual Displacement	
Frac Gradient		15 Min		Spacers		Load and Breakdown	

Rates							
Circulating		Mixing		Displacement		Avg. Job	
Cement Left In Pipe	Amount	18 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
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