

SYNERGY RESOURCES CORPORATION
20203 HIGHWAY 60
PLATTEVILLE, Colorado

RBFB 23-15D

Ensign 33

Post Job Summary

Cement Production Casing

Prepared for:	Don Libhart
Date Prepared:	11/10/2010
Version: 1	

Service Supervisor: Irv Collins

Submitted by: Wes Aaron

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Service Supervisor Reports

Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump		Pressure (psig)	Comments
11/06/2010 00:00		Arrive At Loc						
11/06/2010 02:15		Safety Meeting						
11/06/2010 02:40		Test Lines						4300PSI
11/06/2010 02:42		Pump Spacer 1	5	20			250.0	RIG WATER
11/06/2010 02:49		Pump Spacer 2	5	24			240.0	RIG WATER MIXED WITH CLAYFIX
11/06/2010 02:54		Pump Spacer 1	5	20			401.0	RIG WATER
11/06/2010 02:59		Pump Lead Cement	8	172			237.0	495SK'S OF ECONOCEM AT 12.5# MIXED WITH RIG WATER
11/06/2010 03:22		Pump Tail Cement	8	76			340.0	250SK'S OF FRACCEM AT 13.5# MIXED WITH RIG WATER
11/06/2010 03:34		Shutdown						
11/06/2010 03:34		Drop Top Plug						
11/06/2010 03:34		Clean Lines						
11/06/2010 03:37		Pump Displacement		115.6			1200.0	RIG WATER MIXED WITH CLAYFIX
11/06/2010 04:00		Bump Plug					1777.0	BUMPED PLUG AROUND 2700PSI
11/06/2010 04:02		End Job						MUD BACK TO THE PIT...RIG RAN OUT OF WATER DURING DISPLACEMENT. HAD TO STOP JOB. DOWN TIME 2MIN'S.

The Road to Excellence Starts with Safety

Sold To #: 359915		Ship To #: 2817388		Quote #:		Sales Order #: 7751677	
Customer: SYNERGY RESOURCES CORPORATION				Customer Rep: Libhart, Don			
Well Name: RBF			Well #: 23-15D			API/UWI #:	
Field: WATTENBERG		City (SAP): WINDSOR		County/Parish: Weld			State: Colorado
Contractor: Ensign			Rig/Platform Name/Num: 33				
Job Purpose: Cement Production Casing							
Well Type: Development Well			Job Type: Cement Production Casing				
Sales Person: FLING, MATTHEW			Srvc Supervisor: COLLINS, IRVIN			MBU ID Emp #: 401749	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
COLLINS, IRVIN Douglas		401749	MAHONEY, KELLAN Carl		476531	VASQUEZ, ALVARO A		401745
WARD, SAMUEL Winfield		478713						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10025030	36 mile	10972458	36 mile	10988836C	36 mile	11019275	36 mile
11142998	36 mile	11362287C	36 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

Formation Name					Job Times			
Formation Depth (MD)	Top	Bottom			Called Out	Date	Time	Time Zone
Form Type	BHST				On Location	07 - Nov - 2010	00:00	MST
Job depth MD	7471.1 ft		Job Depth TVD	7471.1 ft	Job Started	07 - Nov - 2010	02:40	MST
Water Depth			Wk Ht Above Floor	4. ft	Job Completed	07 - Nov - 2010	04:02	MST
Perforation Depth (MD)	From	To			Departed Loc	07 - Nov - 2010	05:00	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				7.875				461.	7503.	.	.
Production Casing	New		4.5	4.	11.6			.	7471.1		
Surface Casing	New		8.625	8.097	24.		J-55	.	461.	.	.

Sales/Rental/3rd Party (HES)

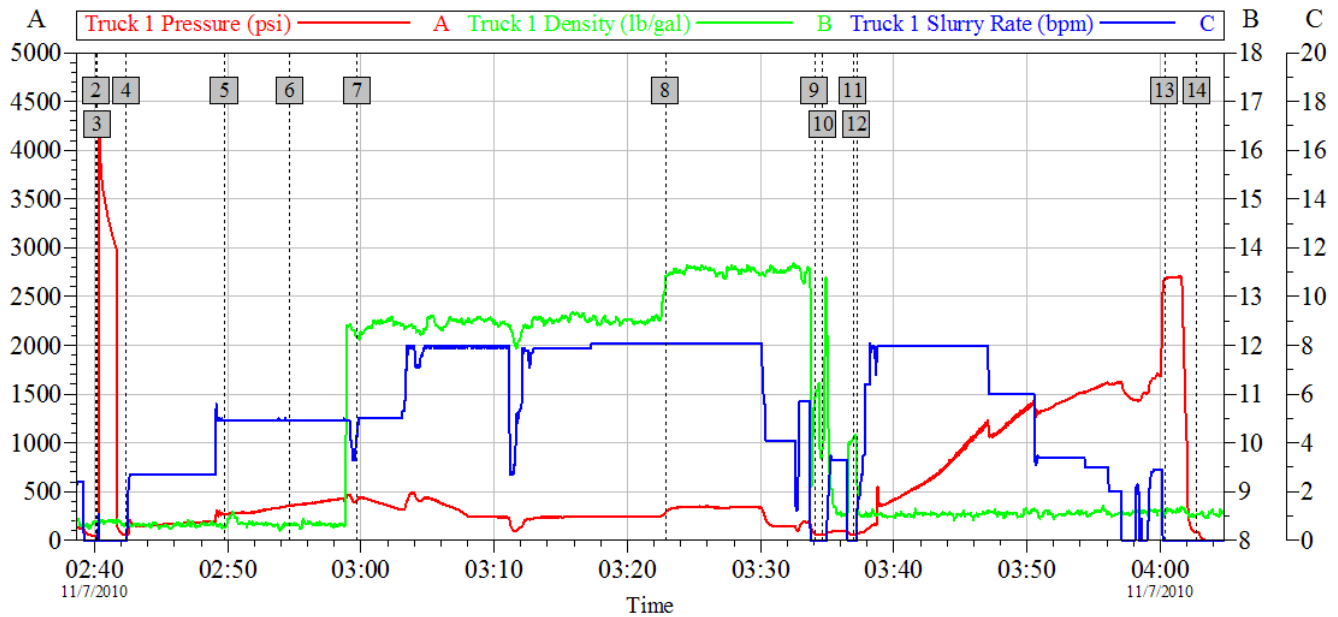
Description	Qty	Qty uom	Depth	Supplier
SHOE,FLT,4-1/2 8RD,2-3/4 SSII	1	EA		
CLR,FLT,4-1/2 8RD,9.5-13.5PPF,2-3/4	1	EA		
CENTRALIZER ASSY - API - 4-1/2 CSG X	30	EA		
CLAMP - LIMIT - 4-1/2 - HINGED -	1	EA		
KIT,HALL WELD-A	1	EA		

Description										Qty	Qty uom	Depth	Supplier		
PLUG ASSY - 3W LATCHDOWN - 4-1/2 IN										1	EA				
BAFFLE ASSY - 4-1/2 8RD LATCHDOWN PLUG										1	EA				
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 ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk				
1	Water Spacer				20.00	bbl	8.33	.0	.0	5.0					
2	MUD FLUSH III	MUD FLUSH III - SBM (528788)			24.00	bbl	8.4	.0	.0	5.0					
3	Water Spacer				20.00	bbl	.	.0	.0	.0					
4	Cement 12.5#	ECONOCEM (TM) SYSTEM (452992)			495.0	sacks	12.5	1.95	10.62	5.0	10.62				
	10.62 Gal	FRESH WATER													
5	Cement 13.5#	FRACCEM (TM) SYSTEM (452963)			250.0	sacks	13.5	1.7	8.16	5.0	8.16				
	8.16 Gal	FRESH WATER													
6	Clayfix Displacement				116.00	bbl	.	.0	.0	.0					
	0 gal/Mgal	CLAYFIX 3, TOTETANK (101583425)													
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	14.13 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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SYNERGY PRODUCTION

RBF 23-15D



Global Event Log

2	Start Job	02:40:08	3	Test Lines	02:40:12	4	Pump Spacer 1	02:42:23
5	Pump Spacer 2	02:49:45	6	Pump Spacer 1	02:54:40	7	Pump Lead Cement	02:59:43
8	Pump Tail Cement	03:22:51	9	Shutdown	03:34:03	10	Clean Lines	03:34:40
11	Drop Plug	03:36:57	12	Pump Displacement	03:37:14	13	Bump Plug	04:00:20
14	End Job	04:02:44						

Customer: SYNERGY
Well Description: PRODUCTION

Job Date: 07-Nov-2010
UWI: #05-123-32324-00

Sales Order #: 7751677

OptiCem v6.4.2
07-Nov-10 03:08