

SYNERGY RESOURCES CORPORATION
20203 HIGHWAY 60
PLATTEVILLE, Colorado

SRC Pratt
SRC Pratt 32-29D

Ensign/33

Post Job Summary

Cement Production Casing

Date Prepared: 5/23/11
Version: 1

Service Supervisor: HUGHES, ERVIN

Submitted by: FRY, DOMINIK

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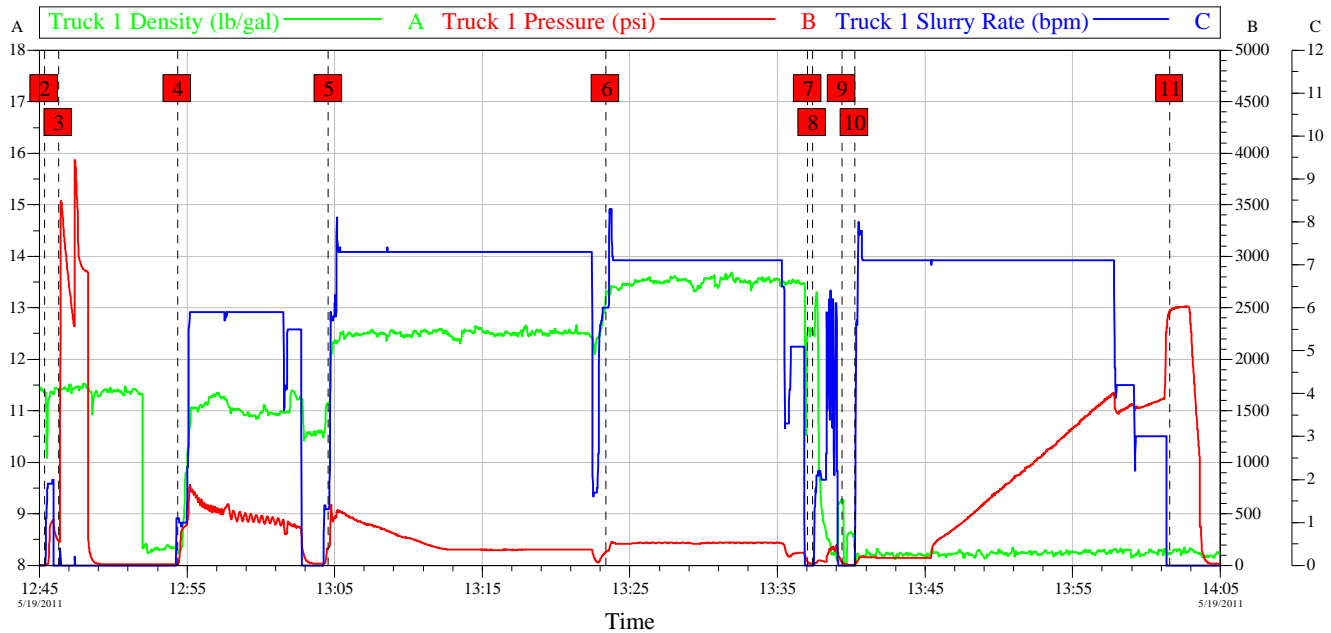
Pumping Schedule

Stage /Plug #	Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Avg Rate bbl/min	Surface Volume	Downhole Volume
1	1	Spacer	TUNED SPACER III	11.00	4.00	50.0 bbl	50.0 bbl
1	2	Cement Slurry	EcconoCem B2 12.5#	12.50	6.00	400.0 sacks	400.0 sacks
1	3	Cement Slurry	13.5# Fraccem	13.50	5.00	300.0 sacks	300.0 sacks
1	4	Spacer	ClaFix III Water Displacement	8.33	7.00	135.0 bbl	135.0 bbl

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Data Acquisition

Synergy Resources - SRC Pratt # 32-29D
4.5" Production



Global Event Log

Intersection	TIP	Intersection	TIP	Intersection	TIP
2 Start Job	12:45:21 5.000	3 Test Lines	12:46:18 237.7	4 Pump Spacer 1	12:54:21 12.69
5 Pump Lead Cement	13:04:35 167.6	6 Pump Tail Cement	13:23:23 133.1	7 Shutdown	13:37:03 34.13
8 Clean Lines	13:37:22 14.00	9 Drop Plug	13:39:22 32.52	10 Pump Displacement	13:40:13 5.071
11 Bump Plug	14:01:36 2467				

Customer: Synergy Resources
Well Description: SRC Pratt # 32-29D

Job Date: 19-May-2011
Supervisor: Ervin Hughes

Sales Order #: 8171865

OptiCem v6.4.10
19-May-11 14:18

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Service Supervisor Reports

Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump		Pressure (psig)	Comments
05/19/2011 04:00		Call Out						Crew Called Out
05/19/2011 06:00		Depart from Service Center or Other Site						Depart for Location
05/19/2011 07:00		Arrive At Loc						Crew Arrived on Location
05/19/2011 08:45		Pre-Rig Up Safety Meeting						Pre Rig Up Safety Huddle
05/19/2011 09:00		Rig-Up Equipment						Spot and Rig Up Equipment
05/19/2011 10:45		Depart Location for Service Center or Other Site						Depart Location
05/19/2011 12:30		Pre-Job Safety Meeting						Pre Job Safety Meeting with Rig Crew
05/19/2011 12:44		Test Lines					3500.0	Test Lines to 3500 psi
05/19/2011 12:47		Pump Spacer 1	6	50			495.0	Pump Tuned Spacer @ 11.0 ppg
05/19/2011 13:00		Pump Lead Cement	7	134			350.0	Pump 400 sks Econocem Lead Cmt @ 12.5 ppg mixed with rig water
05/19/2011 13:23		Pump Tail Cement	7	91			223.0	Pump 300 sks Fraccem @ 13.5 ppg mixed with rig water
05/19/2011 13:32		Clean Lines						Wash Pumps and Lines
05/19/2011 13:35		Drop Top Plug						Drop Top Plug
05/19/2011 13:36		Pump Displacement	7	135			1635.0	Pump Clayfix Water Displacement @ 8.33 ppg.
05/19/2011 13:58		Bump Plug					2500.0	Land Plug with 1000 psi over Differential
05/19/2011 14:00		Release Casing Pressure					.0	Bleed Off Casing Pressure
05/19/2011 14:02		Check Floats					.0	Check Floats
05/19/2011 14:10		Post-Job Safety Meeting (Pre Rig-Down)						Safety Meeting
05/19/2011 14:15		Rig-Down Equipment						Rig Down Equipment and Prepare to Depart Location
05/19/2011 15:15		Depart Location for Service Center or Other Site						Depart Location

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The Road to Excellence Starts with Safety

Sold To #: 359915		Ship To #: 2853856		Quote #:		Sales Order #: 8171865	
Customer: SYNERGY RESOURCES CORPORATION				Customer Rep:			
Well Name: SRC Pratt			Well #: 32-29D			API/UWI #:	
Field: Wattenberg		City (SAP): ERIE		County/Parish: Weld		State: Colorado	
Lat: N 40.025 deg. OR N 40 deg. 1 min. 28.812 secs.				Long: W 105.022 deg. OR W -106 deg. 58 min. 39.986 secs.			
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: HUGHES, ERVIN			MBU ID Emp #: 100271	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
Hinchliffe, James		490737	HUGHES, ERVIN Wayne		100271	IPSON, TIMOTHY John		485018
STOEGER, KEITH A		486734	VASQUEZ, ALVARO A		401745	WILEY, JAMES A		440080

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10724567C	20 mile	10866493C	20 mile	10867419C	20 mile	10982754C	20 mile
11036301	20 mile	11362287C	20 mile	11605599	20 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	Perforation Depth (MD)	From	To	Called Out	Date	Time	Time Zone
				BHST	8698. ft	8698. ft	3. ft					19 - May - 2011	04:00	MST
											On Location	19 - May - 2011	07:00	MST
											Job Started	19 - May - 2011	12:44	MST
											Job Completed	19 - May - 2011	14:00	MST
											Departed Loc	19 - May - 2011	15:15	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				940.	8716.	.	.
Production Casing	New		4.5	4.	11.6			.	8698.		
Surface Casing	Used		8.625	8.097	24.		J-55	.	940.	.	.

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	36	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		

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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	TUNED SPACER III	TUNED SPACER III - SBM (483826)	50.00	bbl	11.	6.74	1776.61	4.0	
	42.3 gal/bbl	FRESH WATER							
	119.56 lbm/bbl	BARITE, 100 LB SK (100003680)							
2	EcconoCem B2 12.5#	ECONOCCEM (TM) SYSTEM (452992)	400.0	sacks	12.5	1.89	10.29	6.0	10.29
	10.29 Gal	FRESH WATER							
3	13.5# Fraccem	FRACCEM (TM) SYSTEM (452963)	300.0	sacks	13.5	1.7	8.16	5.0	8.16
	8.16 Gal	FRESH WATER							
4	ClaFix III Water Displacement		135.00	bbl	8.33	.0	.0	7.0	
	2.5 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 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