

SYNERGY RESOURCES CORPORATION
20203 HIGHWAY 60
PLATTEVILLE, Colorado

Margil
Margil 12-34D

Ensign/#/33

Post Job Summary

Cement Production Casing

Date Prepared: 9/6/11
Version: 1

Service Supervisor: LAVALLEY, LARRY

Submitted by: FRY, DOMINIK

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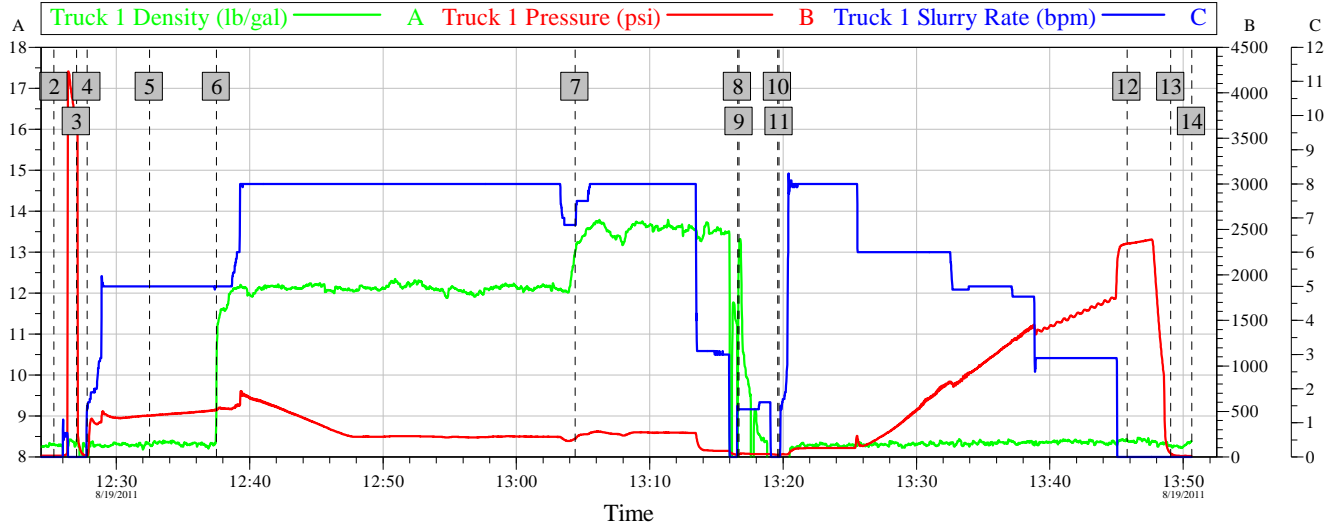
Pumping Schedule

Stage /Plug #	Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Avg Rate bbl/min	Surface Volume	Downhole Volume
1	1	Spacer	Water Spacer	8.33	5.00	20.0 bbl	20.0 bbl
1	2	Spacer	MUD FLUSH III	8.40	5.00	24.0 bbl	24.0 bbl
1	3	Cement Slurry	Fillcem 12#	12.00	7.00	650.0 sacks	650.0 sacks
1	4	Cement Slurry	13.5# Fraccem	13.50	7.00	275.0 sacks	275.0 sacks
1	5	Spacer	ClaFix III Water Displacement	8.33	7.00	5292.04 Gal	5.0 Gal

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Data Acquisition

SYNERGY MARGIL 12 34 D 4.5 INCH PRODUCTION



Global Event Log

Intersection			TID	TIP	TISR	Intersection			TID	TIP	TISR
1	Starting Job	11:47:35	10.79	16.00	0.000	2	Start Job	12:25:20	8.327	16.00	0.000
3	Test Lines	12:27:01	8.365	3612	0.000	4	Pump Spacer 1	12:27:49	3.861	12.44	1.456
5	Pump Spacer 2	12:32:30	8.300	456.8	5.000	6	Pump Lead Cement	12:37:31	9.365	527.5	5.000
7	Pump Tail Cement	13:04:25	13.02	201.5	6.800	8	Shutdown	13:16:36	7.513	27.00	1.400
9	Clean Lines	13:16:42	13.03	30.44	1.400	10	Drop Top Plug	13:19:35	2.640	25.00	0.000
11	Pump Displacement	13:19:42	2.357	25.00	0.000	12	Bump Plug	13:45:47	8.430	2343	0.000
13	End Job	13:49:04	8.284	37.76	0.000	14	Ending Job	13:50:38	8.380	13.00	0.000

Customer: SYNERGY
Well Description: 4.5 INCH PRODUCTION

Job Date: 19-Aug-2011
THANKS LARRY LAVALLEY AND CREW

Sales Order #: 8404986

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OptiCem v6.4.2
19-Aug-11 13:54

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Service Supervisor Reports

Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump		Pressure (psig)	Comments
08/19/2011 12:25		Start Job						WELL CIRCULATED 1 HOUR PRIOR TO CEMENTING
08/19/2011 12:27		Test Lines					3612.0	TEST LINES WITH RIG WATER
08/19/2011 12:27		Pump Spacer 1	5	20			361.0	RIG WATER
08/19/2011 12:32		Pump Spacer 2	5	24			456.0	RIG WATER WITH MUDDLUSH III
08/19/2011 12:37		Pump Lead Cement	7	224			527.0	650 SKS FILLCEM B1 12 # MIXED WITH RIG WATER
08/19/2011 13:04		Pump Tail Cement	7	83			201.0	275 SKS FRACCEM @ 13.5 # MIXED WITH RIG WATER
08/19/2011 13:16		Shutdown					27.0	
08/19/2011 13:16		Clean Lines					30.0	
08/19/2011 13:19		Drop Top Plug					25.0	PRELOADED PLUG
08/19/2011 13:19		Pump Displacement	8	126			1707.0	RIG WATER WITH CLAYFIX III
08/19/2011 13:45		Bump Plug	3				2343.0	CALCULATED PRESSURE TO LAND WAS 1602
08/19/2011 13:49		End Job						

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The Road to Excellence Starts with Safety

Sold To #: 359915		Ship To #: 2873002		Quote #:		Sales Order #: 8404986	
Customer: SYNERGY RESOURCES CORPORATION				Customer Rep: HOPE, CRAIG			
Well Name: Margil			Well #: 12-34D			API/UWI #: 05-123-33841	
Field:		City (SAP): MEAD		County/Parish: Weld		State: Colorado	
Lat: N 40.273 deg. OR N 40 deg. 16 min. 24.596 secs.				Long: W 104.994 deg. OR W -105 deg. 0 min. 20.628 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: LAVALLEY, LARRY			MBU ID Emp #: 419296	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BORDEN, RYAN		123456	BRICKER, DANIEL Z		475710	FLYNN, SHAD Michael		476484
LAVALLEY, LARRY P		419296	OTERI, VAUGHN Steeves		443828	STOEBER, KEITH A		486734

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10246780C	30 mile	11036301	30 mile	11488570C	30 mile	11518549	30 mile
11527037	30 mile	11562544C	30 mile	11562562	30 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						Date	Time	Time Zone	
Formation Depth (MD)		Top		Bottom		Called Out	19 - Aug - 2011	06:00	MST
Form Type				BHST		On Location	19 - Aug - 2011	10:00	MST
Job depth MD		8151. ft		Job Depth TVD	8151. ft	Job Started	19 - Aug - 2011	12:25	MST
Water Depth				Wk Ht Above Floor	6. ft	Job Completed	19 - Aug - 2011	13:50	MST
Perforation Depth (MD)		From		To		Departed Loc	19 - Aug - 2011	14:30	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				650.	8151.	.	.
Production Casing	New		4.5	4.	11.6			.	8145.		
Surface Casing	Used		8.625	8.097	24.		J-55	.	650.	.	.

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	Water Spacer		20.00	bbl	8.33	.0	42.0	5.0	
2	MUD FLUSH III	MUD FLUSH III - SBM (528788)	24.00	bbl	8.4	.0	42.0	5.0	
3	Fillcem 12#	EXTENDACEM (TM) SYSTEM (452981)	650.0	sacks	12.	1.94	10.42	7.0	10.42
	0.1 %	SUPER CBL, 50 LB PAIL (100003668)							
	10.42 Gal	FRESH WATER							
4	13.5# Fraccem	FRACCEM (TM) SYSTEM (452963)	275.0	sacks	13.5	1.69	8.04	7.0	8.04
	8.04 Gal	FRESH WATER							
5	ClaFix III Water Displacement		5,292.04	Gal	8.33	.0	42.0	7.0	

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	18 ft	Reason	Shoe Joint			
Frac Ring # 1 @	ID		Frac ring # 2 @	ID		Frac Ring # 4 @	ID

The Information Stated Herein Is Correct	Customer Representative Signature
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