

SYNERGY RESOURCES CORPORATION

RBF 13-15D

Ensign 33

Post Job Summary

Cement Production Casing

Prepared for:	Don Libhart
Date Prepared:	11/3/2010
Version: 1	

Service Supervisor: Larry LaValley

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
10/26/2010 08:10		Start Job						WELL CIRCULATED 1 HOUR PRIOR TO CEMENTING
10/26/2010 08:12		Test Lines					3500.0	TEST LINES WITH RIG WATER
10/26/2010 08:13		Pump Spacer 1	5	24			220.0	RIG WATER WITH MUDFLUSH III
10/26/2010 08:17		Pump Spacer 2	5	20			285.0	RIG WATER
10/26/2010 08:22		Pump Lead Cement	7	174			413.0	400 SKS ECONOCEM @ 12.5 # MIXED WITH RIG WATER
10/26/2010 09:02		Pump Tail Cement	7	76			110.0	250 SKS FRACCEM @ 13.5 # MIXED WITH RIG WATER
10/26/2010 09:23		Shutdown						
10/26/2010 09:24		Clean Lines						
10/26/2010 09:24		Drop Top Plug						PRELOADED PLUG
10/26/2010 09:28		Pump Displacement	8	116			750.0	RIG WATER WITH CLAYFIX III
10/26/2010 10:09		Bump Plug	3				2042.0	CALCULATED PRESSURE TO LAND WAS 1437 PSI. CEMENT HEAD STARTED LEAKING 50 BBLS INTO DISPLACEMENT. CO REP SAID DO NOT WORRY KEEP GOING. NO PROBLEMS PLUG LANDAD AND FLOATS HELD.
10/26/2010 10:13		End Job						

The Road to Excellence Starts with Safety

Sold To #: 359915		Ship To #: 2815556		Quote #:		Sales Order #: 7729780	
Customer: SYNERGY RESOURCES CORPORATION				Customer Rep: LIBHART, DON			
Well Name: RBF			Well #: 13-15D			API/UWI #: 05-123-32323-00	
Field: WATTENBERG		City (SAP): WINDSOR		County/Parish: Weld		State: Colorado	
Lat: N 40.482 deg. OR N 40 deg. 28 min. 56.939 secs.				Long: W 104.884 deg. OR W -105 deg. 6 min. 57.042 secs.			
Contractor: Ensign			Rig/Platform Name/Num: ensign 3333				
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 #
LAVALLEY, LARRY P		419296	NIELSON, BRANDON K		479703	RAMOS, REFUGIO Castro		435413
RODRIGUEZ, RICARDO		219601	SNYDER, JONATHAN Leroy		435616			

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10248062C	34 mile	11036295	34 mile	11036301	34 mile	11488570C	34 mile
11518549	34 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	Called Out	Date	Time	Time Zone
				BHST	7874. ft	7519. ft		6. ft					26 - Oct - 2010	00:00	MST
												On Location	26 - Oct - 2010	03:00	MST
												Job Started	26 - Oct - 2010	08:10	MST
												Job Completed	26 - Oct - 2010	10:13	MST
												Departed Loc	26 - Oct - 2010	11:00	MST

Well Data

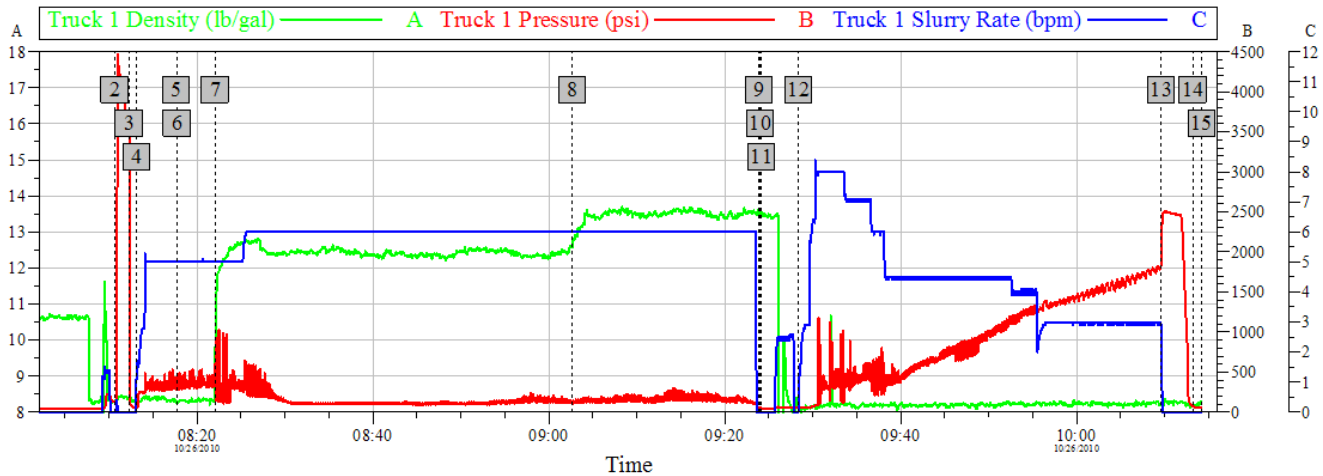
Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Open Hole				7.875				698.	7519.	.	.
Production Casing	New		4.5	4.	11.6			.	7506.		
Surface Casing	New		8.625	8.097	24.		J-55	.	520.	.	.

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		

Description										Qty	Qty uom	Depth	Supplier		
CLAMP - LIMIT - 4-1/2 - HINGED -										1	EA				
KIT,HALL WELD-A										1	EA				
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	42.0	5.0					
2	MUD FLUSH III	MUD FLUSH III - SBM (528788)			24.00	bbl	8.4	.0	42.0	5.0					
3	Cement 12.5#	ECONOCHEM (TM) SYSTEM (452992)			500.0	sacks	12.5	1.96	10.7	5.0	10.7				
	10.696 Gal	FRESH WATER													
4	Cement 13.5#	FRACCEM (TM) SYSTEM (452963)			250.0	sacks	13.5	1.7	8.16	5.0	8.16				
	8.162 Gal	FRESH WATER													
5	Clayfix Displacement				116.00	Gal	.	.0	42.0	8.0					
	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	35 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											

SYNERGY 13-15 D 4.5 INCH PRODUCTION



Global Event Log

Intersection		TID	TIP	TISR	Intersection		TID	TIP	TISR
1 Starting Job	07:28:52	1.910	36.00	0.000	2 Start Job	08:10:40	8.300	124.0	0.000
3 Test Lines	08:12:18	8.391	3446	0.000	4 Pump Spacer 1	08:13:08	8.267	50.89	1.100
5 Pump Spacer 2	08:17:41	8.283	285.4	5.000	6 Pump Spacer 2	08:17:44	8.287	323.4	5.000
7 Pump Lead Cement	08:22:04	9.023	413.2	5.000	8 Pump Tail Cement	09:02:42	12.58	110.8	6.000
9 Shutdown	09:23:53	13.55	57.00	0.000	10 Clean Lines	09:24:04	13.45	51.00	0.000
11 Drop Top Plug	09:24:12	13.53	50.00	0.000	12 Pump Displacement	09:28:25	5.102	53.00	1.200
13 Bump Plug	10:09:39	8.230	2042	2.900	14 End Job	10:13:14	8.200	70.03	0.000
15 Ending Job	10:14:15	8.280	63.00	0.000					

Customer: SYNERGY
Well Description: 4.5 INCH PRODUCTION

Job Date: 26-Oct-2010
UWI: 05-123-32323-00

Sales Order #: 7729780

HALLIBURTON
OptiCem v6.4.2
26-Oct-10 10:16