

SYNERGY RESOURCES CORPORATION
20203 HIGHWAY 60
PLATTEVILLE, Colorado

SRC State 16 DD

ENSIGN #33

Post Job Summary

Cement Production Casing

Prepared for:	Don Libhart
Date Prepared:	6/18/2010
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
06/13/2010 22:20		Start Job						
06/13/2010 22:20		Test Lines					3500.0	
06/13/2010 22:20		Pump Spacer 1	6	20				PUMPED 20 BBLS RIG WATER
06/13/2010 22:20		Pump Spacer 2	6	24				PUMPED 24BBLS MUDFLUSH III
06/13/2010 22:20		Pump Lead Cement	7	121				PUMPED 360 SKS ECONOCEM MIXED AT 12.5#
06/14/2010 00:07		Pump Displacement	8	126				PUMPED RIG WATER MIXED WITH CLAYFIX III
06/14/2010 01:08		Bump Plug	3					CALCULATED PSI TO LAND WAS 1188
06/14/2010 01:13		End Job						
06/14/2010 23:20		Pump Tail Cement	7	103				PUMPED 340 SKS FRACCEM MIXED AT 13.5#
06/14/2010 23:20		Shutdown						
06/14/2010 23:20		Clean Lines						
06/14/2010 23:20		Drop Top Plug						

The Road to Excellence Starts with Safety

Sold To #: 359915	Ship To #: 2789345	Quote #:	Sales Order #: 7432966
Customer: SYNERGY RESOURCES CORPORATION		Customer Rep: Libhart, Don	
Well Name: SRC State		Well #: 16 DD	API/UWI #: 05-123-30744-00
Field: WATTENBERG	City (SAP): JOHNSTOWN	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: 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 #
CHAVEZ, JEROME Christophe		458298	LAVALLEY, LARRY P		419296	SAWCEDA, JIMMY		123456
THOMPSON, STEVEN Darrin		445340						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10719784	28 mile	10857012C	28 mile	10866493C	28 mile	10866497C	28 mile
10988836C	28 mile	11341988P	28 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	13 - Jun - 2010	20:00	CST
Job depth MD	7800. ft		Job Depth TVD	7800. ft	Job Started	13 - Jun - 2010	11:50	CST
Water Depth			Wk Ht Above Floor	6. ft	Job Completed	13 - Jun - 2010	01:15	CST
Perforation Depth (MD)	From	To			Departed Loc	13 - Jun - 2010	02:00	CST

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				635.	8181.	.	.
Production Casing	New		4.5	4.	11.6			.	8136.		
Surface Casing	New		8.625	8.097	24.		J-55	.	610.	.	.

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 ft ³ /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)			360.0	sacks	12.5	1.96	10.7	75.0	10.7				
	10.696 Gal	FRESH WATER													
4	Cement 13.5#	FRACCHEM (TM) SYSTEM (452963)			340.0	sacks	13.5	1.7	8.16	65.0	8.16				
	8.162 Gal	FRESH WATER													
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	10 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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No Chart