

**SYNERGY RESOURCES CORPORATION
20203 HIGHWAY 60
PLATTEVILLE, Colorado**

Avex
Avex 10ND

Ensign/#/136

Post Job Summary **Cement Surface Casing**

Date Prepared: 10/30/2012
Version: 1

Service Supervisor: LAVALLEY, LARRY

Submitted by: MCKAY, ADAM

HALLIBURTON

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Wellbore Geometry

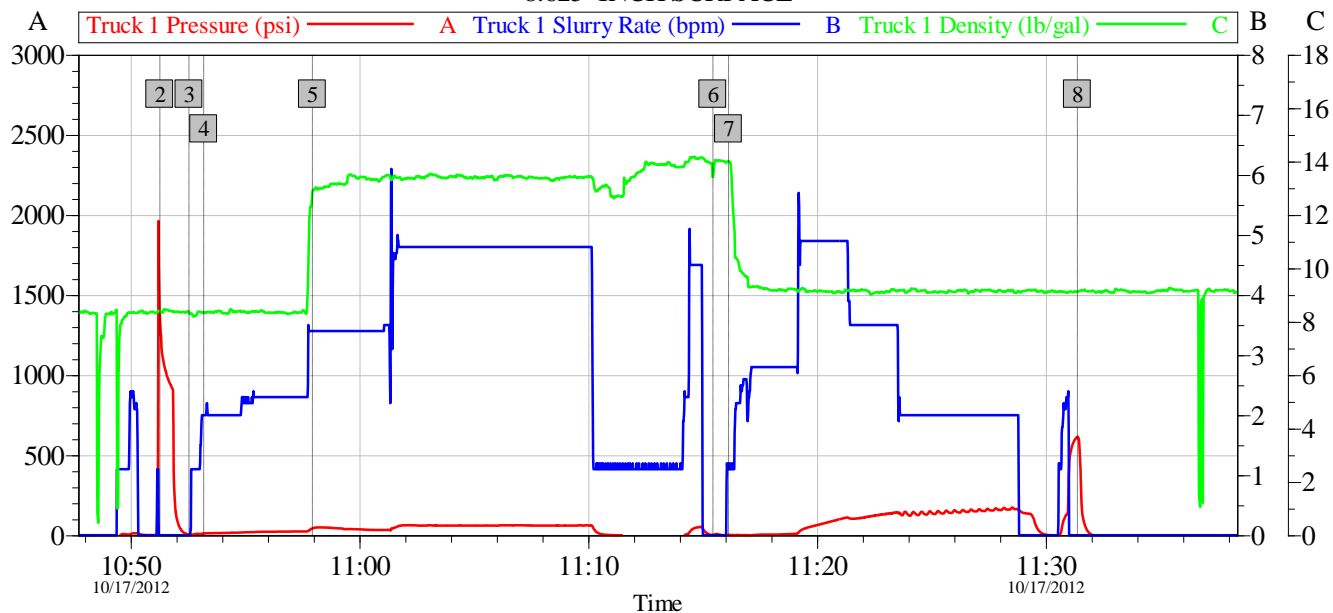
Job Tubulars					MD		TVD		Excess %	Shoe Joint Length ft
Type	Description	Size in	ID in	Wt lbm/ft	Top ft	Bottom ft	Top ft	Bottom ft		
Open Hole Section	Open Hole		12.250		0.00	619.00	0.00	619.00		
Casing	Surface Casing	8.63	8.097	24.00	0.00	606.00	0.00	619.00		42.00

Pumping Schedule

Stage /Plug #	Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Avg Rate bbl/min	Surface Volume	Downhole Volume
1	1	Spacer	Fresh Water Spacer	8.33	2.00	10.0 bbl	10.0 bbl
1	2	Cement Slurry	SwiftCem B2	13.40	4.00	175.0 sacks	175.0 sacks

Data Acquisition

SYNERGY RESOURCES AVEX 10ND 8.625 INCH SURFACE



Global Event Log											
Intersection			T1P	T1SR	T1D	Intersection			T1P	T1SR	T1D
1	Starting Job	10:13:29	0.000	0.000	2.430	2	Test Lines	10:51:16	1373	0.000	8.410
3	Pump Spacer 1	10:52:33	4.027	0.000	8.361	4	Start Job	10:53:12	11.00	2.000	8.338
5	Pump Cement	10:57:57	42.75	3.400	12.83	6	Drop Top Plug	11:15:27	3.000	0.000	13.42
7	Pump Displacement	11:16:08	1.024	1.102	14.01	8	Bump Plug	11:31:23	614.9	0.000	9.111
9	End Job	11:38:34	-2.000	1.200	1.500	10	Ending Job	11:53:32	-1.000	0.000	0.620

Customer: SYNERGY RESOURCES	Job Date: 17-Oct-2012	Sales Order #: 9895983
Well Description: 8.625 INCH SURFACE	THANKS LARRY LAVALLEY AND CREW	

OptiCem v6.4.10
17-Oct-12 11:55

Service Supervisor Reports

Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump		Pressure (psig)	Comments
10/17/2012 10:13		Start Job						
10/17/2012 10:51		Test Lines					1373.0	RIG WATER WITH NO ADDITIVES
10/17/2012 10:52		Pump Spacer 1	5	10			67.0	RIG WATER WITH 2#'S RED DYE ADDED
10/17/2012 10:57		Pump Lead Cement	5	57			43.0	175 SKS SWIFTCEN B2 MIXED @ 13.4 PPG YIELD 1.84ft3/sk and 9.73 gal/sk
10/17/2012 11:15		Drop Top Plug						PRELOADED HWE TOP PLUG
10/17/2012 11:16		Pump Displacement	5	36			102.0	RIG WATER WITH NO ADDITIVES
10/17/2012 11:31		Bump Plug	2				614.0	CALCULATED PRESSURE TO LAND WAS 204 PSI AND CALCULATED PRESSURE TO LIFT WAS 212 PSI
10/17/2012 11:35		Other						CAUGHT CEMENT @ BBLS AWAY
10/17/2012 11:38		End Job						AND GOT BBLS BACK TO SURFACE.

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The Road to Excellence Starts with Safety

Sold To #: 359915	Ship To #: 2957396	Quote #:	Sales Order #: 9895983
Customer: SYNERGY RESOURCES CORPORATION		Customer Rep: Weitzel, Craig	
Well Name: Avex		Well #: 10ND	API/UWI #: 05-123-36163
Field: Wattenberg	City (SAP): JOHNSTOWN	County/Parish: Weld	State: Colorado
Contractor: Ensign		Rig/Platform Name/Num: #136	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: AARON, WESLEY		Srv 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 #
BROOM, KENDALL L	0.0	524682	HOLMES, ANDREW Malcom	0.0	520802	LAVALLEY, LARRY P	0.0	419296

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
11064535	30 mile	11488570C	30 mile	11518549	30 mile		

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
TOTAL			<i>Total is the sum of each column separately</i>					

Job

Formation Name	Formation Depth (MD)	Top	Bottom	Form Type	Job depth MD	Job Depth TVD	Water Depth	Perforation Depth (MD)	From	To	Deparated Loc
				BHST	619. ft	619. ft	6. ft				

Job Times

Date	Time	Time Zone
17 - Oct - 2012	04:30	MST
17 - Oct - 2012	07:30	MST
17 - Oct - 2012	10:50	MST
17 - Oct - 2012	11:30	MST
17 - Oct - 2012	12:30	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				12.25				.	619.	.	619.
Surface Casing	Mixed		8.625	8.097	24.			.	606.	.	619.

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

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1	Fresh Water Spacer		10.00	bbl	8.33	.0	42.0	5.0	
2	SwiftCem B2	SWIFTCM (TM) SYSTEM (452990)	175.0	sacks	13.4	1.84	9.73	5.0	9.73
9.73 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	42 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					