HALLIBURTON

SLAWSON COMPANIES
1675 BROADWAY STE 1600
DENVER, Colorado

Boomerang 36-9-63

ENSIGN 3D

Post Job Summary
Cement Surface Casing

Prepared for: Andy Peterson
Date Prepared:
Version: 1

Service Supervisor: Dale Sanford

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
10/09/2010 14:05		Pump Spacer 2	6	243				650.0	Wash down csg
10/09/2010 17:37		Pump Spacer 1	4	150				200.0	Water Circ well
10/09/2010 18:00		Pump Lead Cement	4	45				250.0	150 SKS @ 13.1#
10/09/2010 18:11		Pump Tail Cement	4	40				250.0	195 SKS @15.6#
10/09/2010 18:18		Drop Top Plug							
10/09/2010 18:19		Pump Displacement	4					350.0	Had fair returns bu no cement
10/09/2010 18:34		Bump Plug						600.0	Fluid fell back after bump
10/09/2010 18:38		Shutdown							Shut down rig up to 1"
10/09/2010 19:31		Pump Cement	1.5	24				100.0	120 Sks top out cmt
10/09/2010 20:08		End Job							no cmt to surface

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Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305440	**Ship To #:** 2811859	**Quote #:**	**Sales Order #:** 7688175
Customer: SLAWSON COMPANIES		**Customer Rep:** Pilcher, Ed	
Well Name: Boomerang	**Well #:** 36-9-63	**API/UWI #:**	
Field: WILDCAT	**City (SAP):** BRIGGSDALE	**County/Parish:** Weld	**State:** Colorado
Contractor: ENSIGN	**Rig/Platform Name/Num:** 3D		
Job Purpose: Cement Surface Casing			
Well Type: Development Well	**Job Type:** Cement Surface Casing		
Sales Person: FLING, MATTHEW	**Srvc Supervisor:** SANFORD, DALE	**MBU ID Emp #:** 219527	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BANUELOS, GUADALUPE		372277	CHAVEZ, JEROME Christophe		458298	DIXON, ROBERT E		480071
SANFORD, DALE A		219527						

Equipment

HES Unit #	*Distance-1 way*	HES Unit #	*Distance-1 way*	HES Unit #	*Distance-1 way*	HES Unit #	*Distance-1 way*
11064535	75 mile	11398490	75 mile	11518550	75 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					
Formation Depth (MD)	**Top**		**Bottom**		
Form Type		**BHST**			
Job depth MD	982. ft	**Job Depth TVD**	982. ft		
Water Depth		**Wk Ht Above Floor**			
Perforation Depth (MD)	*From*		**To**		

Job Times

	Date	Time	Time Zone
Called Out	09 - Oct - 2010	05:00	MST
On Location	09 - Oct - 2010	12:00	MST
Job Started	09 - Oct - 2010	17:10	MST
Job Completed	09 - Oct - 2010	20:10	MST
Departed Loc	09 - Oct - 2010	21:00	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				12.25				.	982.		
Surface Casing	New		9.625	8.921	36.		J-55	.	982.	.	

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG,TOP,9 5/8,HWE,8.16 MIN/9.06 MA	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*	

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Cementing Job Summary

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	Dyed Water Spacer			bbl	8.4	.0	42.0	5.0	
2	Lead Cement 13.10#	HALLIBURTON LIGHT STANDARD - SBM (12313)	150.0	sacks	13.1	1.69	8.64	5.0	8.64
	3 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
	0.125 lbm	POLY-E-FLAKE (101216940)							
	8.638 Gal	FRESH WATER							
3	Tail Cement 15.6#	CMT - STANDARD TYPE I / II CEMENT (101439798)	15.0	sacks	15.6	1.2	5.24	5.0	5.24
	94 lbm	TYPE I / II CEMENT, BULK (101439798)							
	2 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
	0.125 lbm	POLY-E-FLAKE (101216940)							
	5.238 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	***45 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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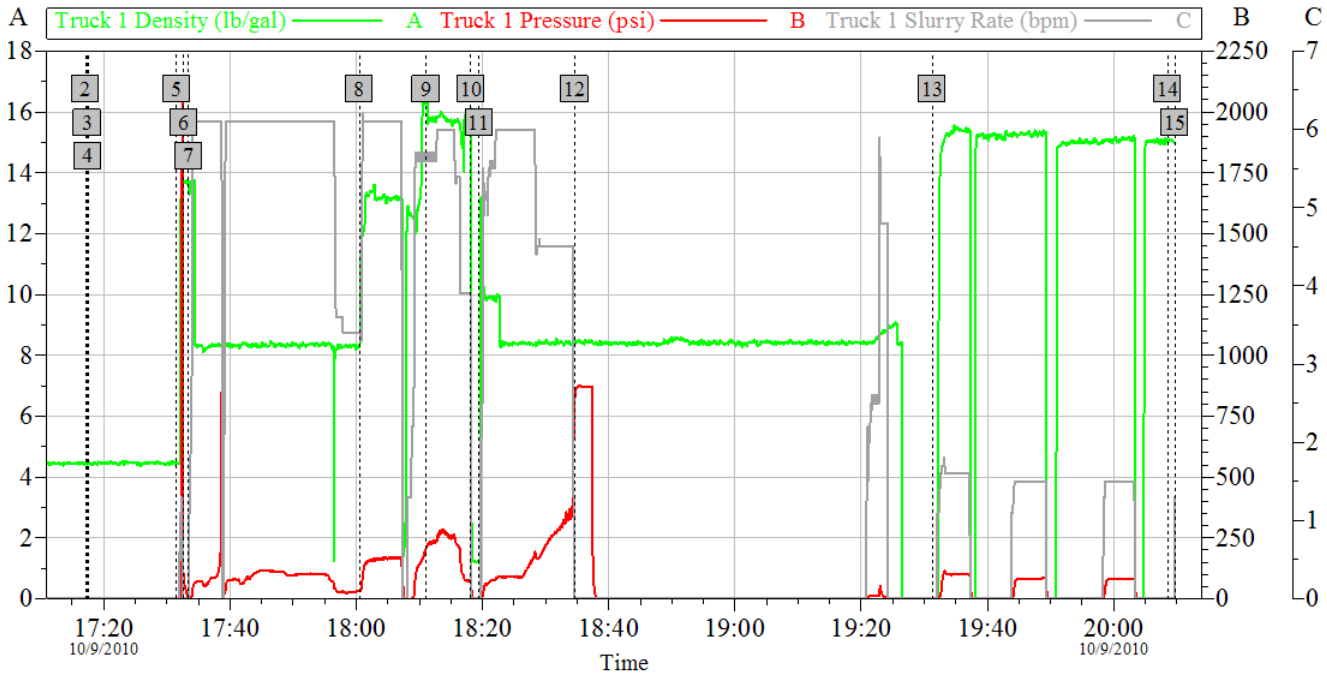

Global Event Log

1	Starting Job	13:54:14	2	Start Job	17:17:09	3	Drop Ball	17:17:23
4	Drop Ball	17:17:30	5	Test Lines	17:31:33	6	Test Lines	17:32:41
7	Pump Spacer 1	17:33:27	8	Pump Lead Cement	18:00:32	9	Pump Tail Cement	18:11:02
10	Drop Top Plug	18:18:10	11	Pump Displacement	18:19:29	12	Bump Plug	18:34:36
13	Pump Top Out Cement	19:31:16	14	End Job	20:08:33	15	Ending Job	20:09:44

Customer: Well Description:	Job Date: 09-Oct-2010 UWI:	Sales Order #: 7688175

OptiCem v6.4.2
09-Oct-10 20:12