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AUG 26 2013

HALLIBURTON

Cementing Job Summary

REGULATORY DEPT

The Road to Excellence Starts with Safety

Sold To #: 305021		Ship To #: 3092712		Quote #:		Sales Order #: 900686555	
Customer: SANDRIDGE ENERGY INC EBUSINESS				Customer Rep:			
Well Name: Patricia 3507			Well #: 2-7H		API/UWI #: 15-077-21954		
Field:		City (SAP): WALDRON		County/Parish: Harper		State: Kansas	
Legal Description: Section 7 Township 35S Range 7W							
Contractor: UNIT			Rig/Platform Name/Num: 310				
Job Purpose: Plug Service - Whipstock							
Well Type: Development Well			Job Type: Plug Service - Whipstock				
Sales Person: FRENCH, JEREMY			Srcv Supervisor: LEACH, CLIFFORD		MBU ID Emp #: 475738		

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BRAY, BILLY Dale	8.75	396377	BROWNING, JOHN Brent	8.75	515883	GILMORE, DONALD Zackry	8.75	493055
LEACH, CLIFFORD Alfred	8.75	475738						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
8-23-13	8.75							

TOTAL Total is the sum of each column separately

Job

Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone	
					22 - Aug - 2013	09:00	CST	
Form Type			BHST	125 degF	On Location	22 - Aug - 2013	16:00	CST
Job depth MD	3565. ft		Job Depth TVD		Job Started	22 - Aug - 2013	22:30	CST
Water Depth			Wk Ht Above Floor		Job Completed	22 - Aug - 2013	23:14	CST
Perforation Depth (MD)	From		To		Departed Loc	23 - Aug - 2013	00:45	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
8.75" Open Hole				8.75				800.	5558.		
Cement Plug								3065.	3565.		
9.625" Surface Casing	Unknow n		9.625	8.921	36.	LTC	J-55	.	800.		
4" Drillpipe	Unknow n		4.	3.34	14.		XT-38	.	3565.		

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

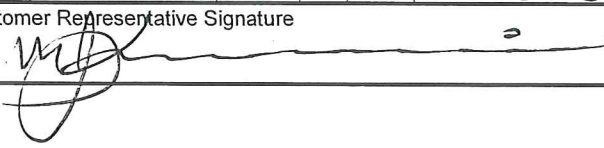
Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty	

Fluid Data

Stage/Plug #: 1
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# HALLIBURTON

## Cementing Job Summary

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	TUNED SPACER III	TUNED SPACER III - SBM (483826)	30.00	bbl	10.	.0	.0	4.0	
	38.32 gal/bbl	FRESH WATER							
	59.8 lbm/bbl	BARITE, BULK (100003681)							
2	Plug Cem (TM)	PLUGCEM (TM) SYSTEM (452969)	295.0	sacks	17.2	.97	3.59	4.0	3.59
	0.5 %	CFR-3, W/O DEFOAMER, 50 LB SK (100003653)							
	3.594 Gal	FRESH WATER							
3	TUNED SPACER III	TUNED SPACER III - SBM (483826)	5	bbl	10.	.0	.0	4.0	
	38.32 gal/bbl	FRESH WATER							
	59.8 lbm/bbl	BARITE, BULK (100003681)							
<b>Calculated Values</b>		<b>Pressures</b>			<b>Volumes</b>				
Displacement	24	Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement	24	Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
<b>Rates</b>									
Circulating		Mixing	6.5	Displacement	4	Avg. Job			5
Cement Left In Pipe	Amount	0 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		ID
<b>The Information Stated Herein Is Correct</b>				Customer Representative Signature					
									

The Road to Excellence Starts with Safety

<b>Sold To #:</b> 305021	<b>Ship To #:</b> 3092712	<b>Quote #:</b>	<b>Sales Order #:</b> 900686555
<b>Customer:</b> SANDRIDGE ENERGY INC EBUSINESS		<b>Customer Rep:</b>	
<b>Well Name:</b> Patricia 3507		<b>Well #:</b> 2-7H	<b>API/UWI #:</b> 15-077-21954
<b>Field:</b>	<b>City (SAP):</b> WALDRON	<b>County/Parish:</b> Harper	<b>State:</b> Kansas
<b>Legal Description:</b> Section 7 Township 35S Range 7W			
<b>Lat:</b> N 0 deg. OR N 0 deg. 0 min. 0 secs.		<b>Long:</b> E 0 deg. OR E 0 deg. 0 min. 0 secs.	
<b>Contractor:</b> UNIT		<b>Rig/Platform Name/Num:</b> 310	
<b>Job Purpose:</b> Plug Service - Whipstock			<b>Ticket Amount:</b>
<b>Well Type:</b> Development Well		<b>Job Type:</b> Plug Service - Whipstock	
<b>Sales Person:</b> FRENCH, JEREMY		<b>Srvc Supervisor:</b> LEACH, CLIFFORD	<b>MBU ID Emp #:</b> 475738

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	08/22/2013 09:00							
Depart Yard Safety Meeting	08/22/2013 12:00							
Arrive At Loc	08/22/2013 16:00							
Other	08/22/2013 16:05							TALK TO CO MAN 3855' 4" 14# 8.75" OH
Assessment Of Location Safety Meeting	08/22/2013 16:15							
Rig-Up Equipment	08/22/2013 16:30							
Other	08/22/2013 17:30							WAIT ON CASING TO BE RUN
Safety Meeting	08/22/2013 22:00							ALL ON LOCATION
Pressure Test	08/22/2013 22:30							3000
Pump Spacer	08/22/2013 22:45		4	30			300.0	TUNED SPACER @10.0#
Pump Cement	08/22/2013 22:58		6.5	51	81		400.0	PLUG CEM @17.2# HOC 508' TOC 3347'
Pump Spacer	08/22/2013 23:07		4	5	86		200.0	TUNED SPACER @10.0# HOS 348' TOS 2999'
Pump Displacement	08/22/2013 23:08		4	24	110		140.0	WBM @9.0#
Other	08/22/2013 23:14							OPEN RELEASE NO FLOW BACK
Pre-Rig Down Safety Meeting	08/22/2013 23:20							
Rig-Down Equipment	08/22/2013 23:30							
Depart Location Safety Meeting	08/23/2013 00:30							

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Depart Location for Service Center or Other Site	08/23/2013 00:45							

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SEP 9 2013

**HALLIBURTON** REGULATORY DEPT  
SANDRIDGE ENERGY

*Cementing Job Summary*

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 3092712	Quote #:	Sales Order #: 900669271
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Webster, John	
Well Name: Patricia 3507	Well #: 2-7H	API/UWI #: 15-077-21954	
Field:	City (SAP): WALDRON	County/Parish: Harper	State: Kansas
Legal Description: Section 7 Township 35S Range 7W			
Contractor: UNIT		Rig/Platform Name/Num: 310	
Job Purpose: Cement Intermediate Casing			
Well Type: Development Well		Job Type: Cement Intermediate Casing	
Sales Person: FRENCH, JEREMY		Srvc Supervisor: OSBORN, JAMES	MBU ID Emp #: 518950

**Job Personnel**

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
OSBORN, JAMES	13	518950	PROVINES, TYLER	13	523867	SHARP, PHILLIP	13	543656
David			Wesley					
stinnett, mark	13	507278						

**Equipment**

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way

**Job Hours**

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
8/30/2013	7	0	8/31/2013	6	1.5			

TOTAL Total is the sum of each column separately

**Job**

**Job Times**

Formation Name	Date	Time	Time Zone	
Formation Depth (MD) Top	Called Out	30 - Aug - 2013	15:00	CST
Bottom	On Location	30 - Aug - 2013	17:30	CST
Form Type	Job Started	30 - Aug - 2013	00:32	CST
Job depth MD	Job Completed	30 - Aug - 2013	04:43	CST
Water Depth	Departed Loc	30 - Aug - 2013	05:45	CST
Perforation Depth (MD) From				
To				

**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
8.75" Open Hole				8.75				800.	5558.		
7" Intermediate Casing	Unknown	1300	7.	6.276	26.	LTC	P-110	.	5558.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55	.	800.		

**Tools and Accessories**

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug	7	1	hes
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	7	1	hes
Stage Tool										Centralizers			

**Miscellaneous Materials**

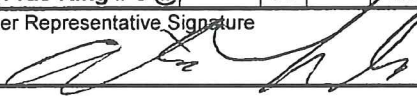
Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty	

**Fluid Data**

Stage/Plug #: 1										
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	

# HALLIBURTON

## Cementing Job Summary

Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	HES Supplied Gel Water		30.00	bbbl	8.33	.0	.0	.0	
	1.66 lbm/bbbl	CAUSTIC SODA BEADS, 50 LB SK (100003650)							
	10 lbm/bbbl	AQUAGEL - 100 LB BAG (101252566)							
2	Lead Cement	ECONOCEM (TM) SYSTEM (452992)	130.0	sacks	13.6	1.52	7.42		7.42
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	2 %	BENTONITE, BULK (100003682)							
	7.418 Gal	FRESH WATER							
3	Tail Cement	HALCEM (TM) SYSTEM (452986)	190.0	sacks	15.6	1.18	5.2		5.2
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	5.197 Gal	FRESH WATER							
4	Displacement		208.00	bbbl	8.33	.0	.0	.0	
<b>Calculated Values</b>		<b>Pressures</b>			<b>Volumes</b>				
Displacement	208	Shut In: Instant		Lost Returns	0	Cement Slurry	74	Pad	
Top Of Cement	2887	5 Min		Cement Returns	0	Actual Displacement	208	Treatment	
Frac Gradient		15 Min		Spacers	30	Load and Breakdown		Total Job	
<b>Rates</b>									
Circulating		Mixing		Displacement		Avg. Job			
Cement Left in Pipe	Amount	84 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
<b>The Information Stated Herein Is Correct</b>				Customer Representative Signature 					

# HALLIBURTON

## Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 3092712	Quote #:	Sales Order #: 900669271
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Webster, John	
Well Name: Patricia 3507	Well #: 2-7H	API/UWI #: 15-077-21954	
Field:	City (SAP): WALDRON	County/Parish: Harper	State: Kansas
Legal Description: Section 7 Township 35S Range 7W			
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.		Long: E 0 deg. OR E 0 deg. 0 min. 0 secs.	
Contractor: UNIT		Rig/Platform Name/Num: 310	
Job Purpose: Cement Intermediate Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Intermediate Casing	
Sales Person: FRENCH, JEREMY		Srvc Supervisor: OSBORN, JAMES	MBU ID Emp #: 518950

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	08/30/2013 15:00							
Pre-Convoy Safety Meeting	08/30/2013 15:15							discuss route to be taken and safe driving
Depart Location for Service Center or Other Site	08/30/2013 15:30							
Arrive At Loc	08/30/2013 17:30							
Assessment Of Location Safety Meeting	08/30/2013 17:40							check location for possible safety issues, locate muster point, water supply smoking areas, go over job numbers with company man
Wait on Customer or Customer Sub-Contractor Equip	08/30/2013 17:50							rigging up casing crew running casing rigging down casing crew
Pre-Rig Up Safety Meeting	08/31/2013 02:30							go over job task to be done and safe work actions
Rig-Up Equipment	08/31/2013 02:35							
Rig-Up Completed	08/31/2013 03:00							
Pre-Job Safety Meeting	08/31/2013 03:25							go over job parameters with all hands and discuss safety concerns and issues
Pressure Test	08/31/2013 03:30							test hes lines to 5000psi
Pump Spacer	08/31/2013 03:33		5	30	30		320.0	pump 30bbl of gel/caustic water
Pump Lead Cement	08/31/2013 03:40		5	35	35		300.0	pump 130 sacks mixed @ 13.6 totalling 35bbl
Pump Tail Cement	08/31/2013 03:52		5	39	39		160.0	pump 190 sks mixed @ 15.6totalling 39bbl

Sold To #: 305021

Ship To #: 3092712

Quote #:

Sales Order #: 900669271

SUMMIT Version: 7.3.0106

Saturday, August 31, 2013 05:38:00



# HALLIBURTON

## Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Drop Plug	08/31/2013 04:02							
Pump Displacement	08/31/2013 04:05		6	208	208		600.0	pump 208.95 bbl of rig supplied fresh water
Bump Plug	08/31/2013 04:40						875.0	bumped plug at 875psi took over to 1300
Check Floats	08/31/2013 04:43						1300.0	floats held 1 bbbl back to truck when released
Pre-Rig Down Safety Meeting	08/31/2013 04:55							go over job task to be donw and safe work actions
Rig-Down Equipment	08/31/2013 05:05							
Rig-Down Completed	08/31/2013 05:45							
Pre-Convoy Safety Meeting	08/31/2013 05:50							discuss routes to be taken and safe driving
Depart from Service Center or Other Site	08/31/2013 06:00							

Sold To #: 305021

Ship To #: 3092712

Quote #:

Sales Order #: 900669271

SUMMIT Version: 7.3.0106

Saturday, August 31, 2013 05:38:00