

# HALLIBURTON

# Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 3278851	Quote #:	Sales Order #: 901031762
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Webster, John	
Well Name: Diana SWD 3305	Well #: 1-36	API/UWI #: 15-077-21988	
Field:	City (SAP): BLUFF CITY	County/Parish: Harper	State: Kansas
Legal Description: Section 36 Township 33S Range 5W			
Contractor: UNIT		Rig/Platform Name/Num: 310	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: FRENCH, JEREMY		Srvc Supervisor: WALTON, SCOTTY	MBU ID Emp #: 478229

### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CHAMBERS, ANDREW Frank	10.0	544914	STOOPS, LEVI Keith	10.0	523378	WALTON, SCOTTY Dwayne	10.0	478229

### 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

TOTAL Total is the sum of each column separately

### Job

### Job Times

Formation Name	Formation Depth (MD) Top	Bottom	Date	Time	Time Zone
Form Type	BHST		Called Out	11 - Jan - 2014 22:00	CST
Job depth MD	550. ft	Job Depth TVD	On Location	12 - Jan - 2014 03:30	CST
Water Depth	Wk Ht Above Floor		Job Started	12 - Jan - 2014 10:54	CST
Perforation Depth (MD) From	To	Job Completed	12 - Jan - 2014 11:33	CST	
			Departed Loc	12 - Jan - 2014 13:30	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
12.25" Open Hole				12.25				80.	550.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55	.	550.		
Preset Conductor	Unknown		20.	19.124	94.			.	80.		

### 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 <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk

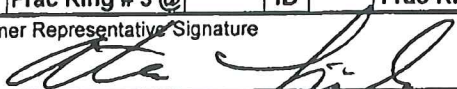
Stage/Plug #: 1

Summit Version: 7.3.0109

Sunday, January 12, 2014 12:18:00

# 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	Fresh Water		0.00	bbl	8.33	.0	.0	.0		
2	Lead Cement	EXTENDACEM (TM) SYSTEM (452981)	190.0	sacks	12.4	2.12	11.68		11.68	
	3 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)								
	0.25 lbm	POLY-E-FLAKE (101216940)								
	11.681 Gal	FRESH WATER								
3	Tail Cement	SWIFTCEM (TM) SYSTEM (452990)	150.0	sacks	15.6	1.2	5.32		5.32	
	2 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)								
	0.125 lbm	POLY-E-FLAKE (101216940)								
	5.319 Gal	FRESH WATER								
4	Displacement		0.00	bbl	8.33	.0	.0	.0		
Calculated Values			Pressures			Volumes				
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad		
Top Of Cement		5 Min		Cement Returns 45		Actual Displacement		Treatment		
Frac Gradient		15 Min		Spacers 10		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						
										



The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 3278851	Quote #:	Sales Order #: 901034530
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Webster, John	
Well Name: Diana SWD 3305	Well #: 1-36	API/UWI #: 15-077-21988	
Field:	City (SAP): BLUFF CITY	County/Parish: Harper	State: Kansas
Legal Description: Section 36 Township 33S Range 5W			
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: UNDERWOOD, BILLY MBU ID Emp #: 159068	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
COE, KYLE E	8	518980	COX, JOHNNIE Ray	8	557851	STINNETT JR, MARK Glen	8	507278
UNDERWOOD, BILLY Dale	8	159068						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10012808C	100 mile	10624564C	100 mile	10744543	100 mile	10804555	100 mile
11706678	100 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
1-18-14	8	1.5						

TOTAL Total is the sum of each column separately

Job				Job Times			
Formation Name	Formation Depth (MD)	Top	Bottom	Date	Time	Time Zone	
				Called Out	18 - Jan - 2014	08:00	CST
Form Type			BHST	On Location	18 - Jan - 2014	12:00	CST
Job depth MD	5025. ft		Job Depth TVD	Job Started	18 - Jan - 2014	18:00	CST
Water Depth			Wk Ht Above Floor	Job Completed	18 - Jan - 2014	19:10	CST
Perforation Depth (MD)	From		To	Departed Loc	18 - Jan - 2014	20:00	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
8.75" Open Hole				8.75				550.	5025.		
7" Intermediate Casing	Unknown		7.	6.276	26.			4985.	5025.		
7" Intermediate Casing	Unknown		7.	6.276	26.	LTC	J-55	.	4985.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55	.	550.		

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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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	bbl	8.33	.0	.0	.0	
	1.66 lbm/bbl	CAUSTIC SODA BEADS, 50 LB SK (100003650)							
	10 lbm/bbl	AQUAGEL - 100 LB BAG (101252566)							
2	Lead Cement	ECONOCEM (TM) SYSTEM (452992)	140.0	sacks	13.6	1.53	7.46		7.46
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	2 %	BENTONITE, BULK (100003682)							
	7.459 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		191	bbl	8.33	.0	.0	.0	
<b>Calculated Values</b>		<b>Pressures</b>			<b>Volumes</b>				
Displacement	191	Shut In: Instant		Lost Returns		Cement Slurry	38/40	Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement	192	Treatment	
Frac Gradient		15 Min		Spacers	30	Load and Breakdown		Total Job	300
<b>Rates</b>									
Circulating	6	Mixing	5.5	Displacement	6.5	Avg. Job			6
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		
<b>The Information Stated Herein Is Correct</b>				Customer Representative Signature 					



**BASIN SERVICES, LLC**  
 P O BOX 4268  
 ABILENE, TX 79608-4268  
 Phone # (325)690-0053  
 Fax # (325)698-0055

# TICKET

TICKET NUMBER: WY-188-1  
 TICKET DATE: 01/03/2014

**ELECTRONIC**

SANDRIDGE ENERGY  
 \*\*\*\*\* BILL IN ADP!! \*\*\*\*\*  
 123 ROBERT S KERR AVE  
 OKLAHOMA CITY, OK 73102-6406

YARD: WY WAYNOKA OK  
 LEASE: Diana 3305  
 WELL#: 1-36G  
 RIG #: Unit 310  
 Co/St: HARPER, KS

DESCRIPTION	QUANTITY	RATE	AMOUNT
1/1-3/2014 DRILLED 30" CONDUCTOR HOLE			
1/1-3/2014 20" CONDUCTOR PIPE (.250 WALL)			
1/1-3/2014 6' X 6' CELLAR TINHORN WITH PROTECTIVE RING			
1/1-3/2014 DRILL & INSTALL 6' X 6' CELLAR TINHORN			
1/1-3/2014 DRILLED 20" MOUSE HOLE (PER FOOT)			
1/1-3/2014 16" CONDUCTOR PIPE (.250 WALL)			
1/1-3/2014 MOBILIZATION OF EQUIPMENT & ROAD PERMITTING FEE			
1/1-3/2014 WELDING SERVICES FOR PIPE & LIDS			
1/1-3/2014 PROVIDED EQUIPMENT & LABOR TO ASSIST IN PUMPING CONCRETE			
1/1-3/2014 PROVIDED METAL LIDS (1 FOR CONDUCTOR & 2 FOR MOUSEHOLE PIPE)			
1/1-3/2014 15 YDS OF 10 SACK GROUT			
1/1-3/2014 TAXABLE ITEMS			5,700.00
1/1-3/2014 BID - TAXABLE ITEMS			11,550.00
		Sub Total:	17,250.00
		Tax HARPER COUNTY, OK (6.5 %):	370.50
		TICKET TOTAL:	<u>\$ 17,620.50</u>

I, the undersigned, acknowledge the acceptance of the above listed goods and/or services.

Approved Signature \_\_\_\_\_