



# INVOICE

DATE	INVOICE #
3/17/2013	3808

<b>BILL TO</b>
SANDRIDGE ENERGY, INC. ATTN: PURCHASING MANAGER 123 ROBERT S. KERR AVENUE OKLAHOMA CITY, OK 73102

<b>REMIT TO</b>
EDGE SERVICES, INC. BILLING DEPARTMENT PO BOX 14201 OKLAHOMA CITY, OK 73113

COUNTY	STARTING D...	WORK ORDER	RIG NUMBER	LEASE NAME	Terms
HARPER, KS	3/16/2013	3041	UNIT 310	TAYLOR 3406 2-29H	Due on rec...

**Description**

DRILLED 90' OF 30" CONDUCTOR HOLE  
 DRILLED 6' OF 76" HOLE  
 FURNISHED AND SET 6' X 6' TINHORN CELLAR  
 FURNISHED 90' OF 20" CONDUCTOR PIPE  
 FURNISHED 1 LOAD(S) MUD  
 FURNISHED WELDER AND MATERIALS  
 FURNISHED 11 YARDS OF GRADE A CEMENT  
 FURNISHED GROUT PUMP  
 DRILL MOUSE HOLE  
 FURNISHED 80' OF 14" CONDUCTOR PIPE FOR MOUSE HOLE

TOTAL BID \$ 17,000.00

**Sales Tax (0.0%)** \$0.00

**TOTAL** \$17,000.00

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2987641	Quote #:	Sales Order #: 900299883
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Webster, John	
Well Name: Taylor 3406	Well #: 2-29H	API/UWI #: 15-077-21909	
Field:	City (SAP): ANTHONY	County/Parish: Harper	State: Kansas
Legal Description: Section 20 Township 34S Range 6W			
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: VILLANUEVA, EDUARDO	MBU ID Emp #: 341956

### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
MARTINEZ, RUDY	10	512317	VILLANUEVA, EDUARDO	10	341956	WELLMAN, KIMBERLY Kaye	10	530092

### Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10724589	100 mile	10804587	100 mile	10825440	100 mile	10866495	100 mile
11706682	100 mile						

### Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
3-19-13	5	3						
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
Form Type	BHST		On Location	20 - Mar - 2013	00:05	CST
Job depth MD	700. m	Job Depth TVD	Job Started	20 - Mar - 2013	01:40	CST
Water Depth	Wk Ht Above Floor		Job Completed	20 - Mar - 2013	02:40	CST
Perforation Depth (MD) From	To	Departed Loc	20 - Mar - 2013	05:00	CST	

### Well Data

Description	New / Used	Max pressure MPa	Size mm	ID mm	Weight kg/m	Thread	Grade	Top MD m	Bottom MD m	Top TVD m	Bottom TVD m
12.25" Open Hole				12.25				80.	700.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55	.	700.		
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 kg/m3	Yield m3/sk	Mix Fluid m3/tonne	Rate m3/min	Total Mix Fluid m3/tonne	

# HALLIBURTON

## Cementing Job Summary

1	Fresh Water		10.00	bbl	8.33	.0	.0	.0	
2	HLC Standard	EXTENDACEM (TM) SYSTEM (452981)	220.0	sacks	12.4	2.11	11.57		11.57
	3 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	11.571 Gal	FRESH WATER							
3	Standard	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		50.00	bbl	8.33	.0	.0	.0	
<b>Calculated Values</b>		<b>Pressures</b>			<b>Volumes</b>				
Displacement	50	Shut In: Instant		Lost Returns	NO	Cement Slurry	113	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	40	Actual Displacement	50	Treatment	
Frac Gradient		15 Min		Spacers	10	Load and Breakdown		Total Job	
<b>Rates</b>									
Circulating	5	Mixing	5	Displacement		Avg. Job	5		
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					



RECEIVED

APR 1 2013

HALLIBURTON

REGULATORY DEPT  
SANDRIDGE ENERGY

## Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2987641	Quote #:	Sales Order #: 900309352
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Webster, John	
Well Name: Taylor 3406	Well #: 2-29H	API/UWI #: 15-077-21909	
Field:	City (SAP): ANTHONY	County/Parish: Harper	State: Kansas
Legal Description: Section 20 Township 34S Range 6W			
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: HECKENBACH, AUGUST	MBU ID Emp #: 511867

## Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
HAHN, DAVID Jay	6.5	521042	HECKENBACH, AUGUST Abbott	6.5	511867	POOLE, BARRETT Lee	6.5	531327

## Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10624564C	100 mile	10713204	100 mile	10724645	100 mile	10897799	100 mile
11706681	100 mile						

## Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
3/24/13	6.5	3						

TOTAL Total is the sum of each column separately

## Job

## Job Times

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
Formation Depth (MD)			On Location	24 - Mar - 2013	02:00	CST
Form Type	BHST		Job Started	24 - Mar - 2013	08:00	CST
Job depth MD	5327. ft	Job Depth TVD	Job Completed	24 - Mar - 2013	11:56	CST
Water Depth		Wk Ht Above Floor	Departed Loc	24 - Mar - 2013	13:14	GMT
Perforation Depth (MD)	From	To			14:30	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
8.75" Open Hole				8.75				700.	5465.		
7" Intermediate Casing	Unknown		7.	6.276	26.	LTC	P-110	.	5465.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55	.	700.		

## 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

1	Rig Supplied		30.00	bbl	8.33	.0	.0	.0	
	Gel Water								
2	50/50 POZ STANDARD ( w/ 2% extra gel)	ECONOCEM (TM) SYSTEM (452992)	150.0	sacks	13.6	1.53	7.24		7.24
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	2 lbm	KOL-SEAL, BULK (100064233)							
	2 %	BENTONITE, BULK (100003682)							
	7.24 Gal	FRESH WATER							
3	Premium	HALCEM (TM) SYSTEM (452986)	190.0	sacks	15.6	1.19	5.08		5.08
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	2 lbm	KOL-SEAL, BULK (100064233)							
	5.076 Gal	FRESH WATER							
4	Displacement		200.00	bbl	8.33	.0	.0	.0	
<b>Calculated Values</b>		<b>Pressures</b>			<b>Volumes</b>				
Displacement	201	Shut In: Instant		Lost Returns		Cement Slurry	81	Pad	
Top Of Cement	3172	5 Min		Cement Returns	0	Actual Displacement	200	Treatment	30
Frac Gradient		15 Min		Spacers	0	Load and Breakdown		Total Job	311
<b>Rates</b>									
Circulating	4	Mixing	4.3	Displacement	8	Avg. Job	6		
Cement Left In Pipe	Amount	85.09 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 					