



INVOICE

DATE	INVOICE #
6/10/2013	3989

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

REMIT TO
EDGE SERVICES, INC. PO BOX 609 WOODWARD, OK 73802

COUNTY	STARTING D...	WORK ORDER	RIG NUMBER	LEASE NAME	Terms
HARPER, KS	6/5/2013	3150	UNIT 310	4J RANCH 3408 3-33H	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 t 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 TOTAL BID \$ 17,000.00

Sales Tax (0.0%)	\$0.00
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TOTAL	\$17,000.00
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RECEIVED

JUN 20 2013

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 3004611	Quote #:	Sales Order #: 900520806
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep:	
Well Name: 4J Ranch 3408	Well #: 3-33H	API/UWI #:	
Field:	City (SAP): WALDRON	County/Parish: Harper	State: Kansas
Contractor: UNIT		Rig/Platform Name/Num: 310	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: GUSTKE, GREGORY		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 #
ARSENAULT, JOSEPH Allen	7	524872	HECKENBACH, AUGUST Abbott	7	511867	JOHNSON, CALEB Lemuel	7	216972

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10872345	95 mile	10897901	95 mile	11706681	95 mile	11748363	95 mile

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
6/16/13	8	3						
TOTAL			Total is the sum of each column separately					

Job

Job Times

Formation Name	Top	Bottom	Date	Time	Time Zone
Formation Depth (MD)			Called Out	16 - Jun - 2013 10:00	CST
Form Type	BHST		On Location	16 - Jun - 2013 15:00	CST
Job depth MD	785. ft	Job Depth TVD	Job Started	16 - Jun - 2013 00:00	CST
Water Depth		Wk Ht Above Floor	Job Completed	16 - Jun - 2013 00:00	CST
Perforation Depth (MD)	From	To	Departed Loc	16 - Jun - 2013 00:00	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
12.25" Open Hole				12.25				80.	800.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55	.	800.		
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	9.625	1	HES
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	9.625	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 ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	

Stage/Plug #: 1

Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Fresh Water		10.00	bbl	8.33	.0	.0	.0	
2	HLC STANDARD	EXTENDACEM (TM) SYSTEM (452981)	210.0	sacks	12.4	2.11	11.64		11.64
	3 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	11.637 Gal	FRESH WATER							
3	STANDARD	SWIFTCEM (TM) SYSTEM (452990)	200.0	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		58.00	bbl	8.33	.0	.0	.0	
Calculated Values		Pressures		Volumes					
Displacement	58	Shut In: Instant		Lost Returns		Cement Slurry	122	Pad	10
Top Of Cement	Surface	5 Min		Cement Returns	55	Actual Displacement	58	Treatment	
Frac Gradient		15 Min		Spacers	10	Load and Breakdown		Total Job	190
Rates									
Circulating	5	Mixing	5	Displacement	6	Avg. Job	5		
Cement Left In Pipe	Amount	45.95 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 					

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 3004611	Quote #:	Sales Order #: 900522954
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Webster, John	
Well Name: 4J Ranch 3408	Well #: 3-33H	API/UWI #: 15-077-21931	
Field:	City (SAP): WALDRON	County/Parish: Harper	State: Kansas
Legal Description: Section 33 Township 34S Range 8W			
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: VAUGHAN, RYAN	MBU ID Emp #: 453194

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
STOOPS, LEVI Keith	4	523378	TORRES, DIEGO Lopez	4	390647	VAUGHAN, RYAN Nicholas	4	453194

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
6/22/13	4	1						
TOTAL			<i>Total is the sum of each column separately</i>					

Job				Job Times			
Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone	
Formation Depth (MD)			On Location	22 - Jun - 2013	12:00	CST	
Form Type		BHST	Job Started	22 - Jun - 2013	18:00	CST	
Job depth MD	5515. ft	Job Depth TVD	Job Completed	22 - Jun - 2013	00:00	CST	
Water Depth		Wk Ht Above Floor	Departed Loc	22 - Jun - 2013	02:00	CST	
Perforation Depth (MD)	From	To			00:00	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				800.	5515.		
7" Intermediate Casing	Unknow n		7.	6.276	26.	LTC	P-110	.	5515.		
9.625" Surface Casing	Unknow n		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 ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	

Stage/Plug #: 1

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Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Rig Supplied Gel Water		30.00	bbl	8.33	.0	.0	.0	
2	50/50 POZ STANDARD (w/ 2% extra gel)	ECONOCEM (TM) SYSTEM (452992)	140.0	sacks	13.6	1.51	7.34		7.34
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	2 %	BENTONITE, BULK (100003682)							
	7.337 Gal	FRESH WATER							
3	Premium	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		206.00	bbl	8.33	.0	.0	.0	
Calculated Values		Pressures			Volumes				
Displacement	206	Shut In: Instant		Lost Returns	0	Cement Slurry	78	Pad	
Top Of Cement	3447	5 Min		Cement Returns	0	Actual Displacement	206	Treatment	
Frac Gradient		15 Min		Spacers	30	Load and Breakdown		Total Job	
Rates									
Circulating		Mixing	4.5	Displacement	7	Avg. Job	6		
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		
The Information Stated Herein Is Correct				Customer Representative Signature					