



P.O. BOX 3660
HOUMA, LA 70361-3660

Customer : SAN400

BILL TO : SANDRIDGE ENERGY
123 ROBERT S KERR AVENUE
OKLAHOMA CITY, OK 73102-6406
PHONE: (405) 753-5500 FAX: ()

Division : 0701
Delivery Ticket : 4464
Delivery Date : 3/11/2013
Office : 12/1/1901

Ordered By :
Lease/Well : CLAY 3419 1-6H
Rig Name/Number : LARIAT 20
AFE Number :
Site Contact :
:
:
:

Qty	Description	Min / Standby / Usage Charge	Add Day	Unit Price	Start Date / Stop Date	Extended Line Total
1	CLAY 3419 1-6H	\$21,250.00	\$0.00	\$21,250.00	3/6/2013 3/6/2013	\$21,250.00
120	DRILLED 30" CONDUCTOR HOLE	\$0.00	\$0.00	\$0.00	3/6/2013 3/6/2013	
120	20" CONDUCTOR PIPE (.250 WALL)	\$0.00	\$0.00	\$0.00	3/6/2013 3/6/2013	
1	6'X6' CELLAR TINHORN WITH PROTECTIVE RING	\$0.00	\$0.00	\$0.00	3/6/2013 3/6/2013	
1	DRILL & INSTALL 6'X6' CELLAR TINHORN	\$0.00	\$0.00	\$0.00	3/6/2013 3/6/2013	
77	DRILLED 20" MOUSE HOLE (PER FOOT)	\$0.00	\$0.00	\$0.00	3/6/2013 3/6/2013	
77	16" CONDUCTOR PIPE (.250 WALL)	\$0.00	\$0.00	\$0.00	3/6/2013 3/6/2013	
1	MOBILIZATION OF EQUIPMENT & ROAD PERMITTING FEE	\$0.00	\$0.00	\$0.00	3/6/2013 3/6/2013	
1	WELDING SERVICES FOR PIPE & LIDS	\$0.00	\$0.00	\$0.00	3/6/2013 3/6/2013	
1	PROVIDED EQUIPMENT & LABOR FOR DIRT REMOVAL	\$0.00	\$0.00	\$0.00	3/6/2013 3/6/2013	
1	PROVIDED METAL LIDS (1 FOR CONDUCTOR & 2 FOR THE MOUSEHOLE PIPE)	\$0.00	\$0.00	\$0.00	3/6/2013 3/6/2013	
16	CEMENT 10 SACK GROUT	\$0.00	\$0.00	\$0.00	3/6/2013 3/6/2013	
Sub Total:		\$21,250.00	\$0.00			\$21,250.00

Print Name

Signature

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2985271	Quote #:	Sales Order #: 900277460
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Hill, Richard	
Well Name: Clay 3419	Well #: 1-6H	API/UWI #: 15-033-21697	
Field:	City (SAP): PROTECTION	County/Parish: Comanche	State: Kansas
Legal Description: Section 6 Township 34S Range 19W			
Contractor: Lariat	Rig/Platform Name/Num: 20		
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: FRENCH, JEREMY		Srv Supervisor: WOODROW, JOHN	MBU ID Emp #: 105848

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
JOURNAGAN, MICHAEL D	24	524224	MENDOZA, VICTOR	12	442596	SMITH, THOMAS Miles	47	493032
WOODROW, JOHN Phillip	47	105848	YANEZ, BENJAMIN	12	538038			

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
3/9/13	23.5	2	3/10/13	24				
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	09 - Mar - 2013	01:00	CST
Job depth MD	327. ft	Job Depth TVD	Job Started	09 - Mar - 2013	17:15	CST
Water Depth	Wk Ht Above Floor		Job Completed	10 - Mar - 2013	22:30	CST
Perforation Depth (MD) From	To		Departed Loc	11 - Mar - 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
17.5" Open Hole				17.5				.	300.		
13.375" Water String	Unknown		13.375	12.415	68.	BTC	N-80	.	300.		

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 ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	

Stage/Plug #: 1

HALLIBURTON

Cementing Job Summary

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	Lead Cement	EXTENDACEM (TM) SYSTEM (452981)	150.0	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	Tail Cement	SWIFTCEM (TM) SYSTEM (452990)	115.0	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		38.00	bbl	8.33	.0	.0	.0	
Calculated Values		Pressures			Volumes				
Displacement	42.5	Shut In: Instant		Lost Returns	45	Cement Slurry	227	Pad	
Top Of Cement	GL	5 Min		Cement Returns		Actual Displacement	42.5	Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
Rates									
Circulating	5	Mixing	5	Displacement	5	Avg. Job	5		
Cement Left In Pipe	Amount	39 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 #: 2985271	Quote #:	Sales Order #: 900276774
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: ..., Louise	
Well Name: Clay 3419	Well #: 1-6H	API/UWI #: 15-033-21697	
Field:	City (SAP): PROTECTION	County/Parish: Comanche	State: Kansas
Legal Description: Section 6 Township 34S Range 19W			
Contractor: Lariat		Rig/Platform Name/Num: 20	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: FRENCH, JEREMY		Srvc Supervisor: AGUILERA, FABIAN	MBU ID Emp #: 442123

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
AGUILERA, FABIAN J	9.5	442123	HEIDT, JAMES Nicholas	9.5	517102	JOURNAGAN, MICHAEL D	9.5	524224
REYES GANDARA, JUAN Armando	9.5	440529						

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
3/12/2013	9.5	1.5						
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
				On Location	12 - Mar - 2013	10:00	CST
Form Type			BHST	On Location	12 - Mar - 2013	14:30	CST
Job depth MD	829.5 ft		Job Depth TVD	829.5 ft	Job Started	12 - Mar - 2013	20:48
Water Depth			Wk Ht Above Floor	5. ft	Job Completed	12 - Mar - 2013	21:40
Perforation Depth (MD)	From		To	Departed Loc	13 - Mar - 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				300.	800.		
13.375" Water String	Unknown		13.375	12.415	68.	BTC	N-80	.	300.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55	.	800.		

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	

Fluid Data

HALLIBURTON

Cementing Job Summary

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	Lead Cement	EXTENDACEM (TM) SYSTEM (452981)	240.0	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	Tail Cement	SWIFTCEM (TM) SYSTEM (452990)	110.0	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		61.00	bbl	8.33	.0	.0	.0	
Calculated Values		Pressures			Volumes				
Displacement	61 BBL	Shut In: Instant		Lost Returns	NO	Cement Slurry	114 BBL	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	42 BBL	Actual Displacement	61 BBL	Treatment	
Frac Gradient		15 Min		Spacers	10 BBL	Load and Breakdown		Total Job	
Rates									
Circulating	5	Mixing	5	Displacement	6	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		
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 #: 2985271	Quote #:	Sales Order #: 900299061
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: ..., Louise	
Well Name: Clay 3419	Well #: 1-6H	API/UWI #: 15-033-21697	
Field:	City (SAP): PROTECTION	County/Parish: Comanche	State: Kansas
Legal Description: Section 6 Township 34S Range 19W			
Contractor: Lariat		Rig/Platform Name/Num: 20	
Job Purpose: Cement Intermediate Casing			
Well Type: Development Well		Job Type: Cement Intermediate Casing	
Sales Person: FRENCH, JEREMY		Srvc Supervisor: VILLARREAL, ARTURO	MBU ID Emp #: 106127

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
DALRYMPLE, BRIAN Kieth	16.0	456242	JIMENEZ, JESUS Medrano	16.0	221813	RALSTON, NICHOLAS	16.0	496027
SPENCE, PAT J	16.0	534792	VILLARREAL, ARTURO	0.0	106127	VILLARREAL, ARTURO	16.0	106127

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10025025	100 mile	11706673	100 mile	11748315	100 mile	11749437	100 mile
11808729	100 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
3-20-13	16	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	19 - Mar - 2013	22:07	CST
Form Type		BHST	On Location	20 - Mar - 2013	06:00	CST
Job depth MD	5689. ft	Job Depth TVD	Job Started	20 - Mar - 2013	18:00	CST
Water Depth		Wk Ht Above Floor	Job Completed	20 - Mar - 2013	20:00	CST
Perforation Depth (MD)	From	To	Departed Loc	20 - Mar - 2013	22:00	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	8.75				800.	5689.		
7" Intermediate Casing	Unknown		7.	6.276	26.	LTC	P-110	.	5689.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55	.	800.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG, TOP, 7, HWE, 5.66 MIN/6.54 MAX CS	1	EA		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug		1	
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

HALLIBURTON

Cementing Job Summary

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	Rig Supplied Gel Water		30.00	bbl	8.33	.0	.0	4	
2	Lead Cement	ECONOCEM (TM) SYSTEM (452992)	200.0	sacks	13.6	1.53	7.24	4	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	Tail Cement	HALCEM (TM) SYSTEM (452986)	100.0	sacks	15.6	1.19	5.08	4	5.08
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	2 lbm	KOL-SEAL, BULK (100064233)							
	5.076 Gal	FRESH WATER							
4	Displacement		214.00	bbl	8.33	.0	.0	4	
Calculated Values		Pressures			Volumes				
Displacement	214	Shut In: Instant		Lost Returns	N	Cement Slurry	75	Pad	
Top Of Cement	2923.5	5 Min		Cement Returns	N	Actual Displacement	214	Treatment	
Frac Gradient		15 Min		Spacers	30	Load and Breakdown		Total Job	
Rates									
Circulating		Mixing	4	Displacement	4	Avg. Job	4		
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					

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2985271	Quote #:	Sales Order #: 900327278
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: ..., Louise	
Well Name: Clay 3419	Well #: 1-6H	API/UWI #: 15-033-21697	
Field:	City (SAP): PROTECTION	County/Parish: Comanche	State: Kansas
Legal Description: Section 6 Township 34S Range 19W			
Contractor: Lariat		Rig/Platform Name/Num: 20	
Job Purpose: Cement Production Liner			
Well Type: Development Well		Job Type: Cement Production Liner	
Sales Person: FRENCH, JEREMY		Srvc Supervisor: DURAN, EDUR	MBU ID Emp #: 445769

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
DURAN, EDUR	14	445769	JOURNAGAN, MICHAEL D	14	524224	Daniel Martinez	14	529950
TORRES, CLEMENTE	14	344233						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10243558	100 mile	10244148	100 mile	10286731	100 mile	10872308	100 mile
11256865	100 mile	11288858	100 mile	11515200	100 mile		

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
03/30/2013	4	4	03/31/2013	2	2			

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	30 - Mar - 2013	12:00	CST
Form Type		BHST	Job Started	30 - Mar - 2013	20:00	CST
Job depth MD	9623. m	Job Depth TVD	Job Completed	30 - Mar - 2013	21:45	CST
Water Depth		Wk Ht Above Floor	Departed Loc	30 - Mar - 2013	23:15	CST
Perforation Depth (MD)	From	To		31 - Mar - 2013	02:00	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
6.125" Open Hole				6.125				5689.	9623.		
4.5" Production Liner	Unknown		4.5	4.	11.6	LTC	N-80	5287.	9623.		
7" Intermediate Casing	Unknown		7.	6.276	26.	LTC	P-110	.	5689.		
4" Drill Pipe	Unknown		4.	3.34	14.	Unknown		.	5287.		

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

HALLIBURTON

Cementing Job Summary

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
1	Rig Supplied Gel Water		30.00	bbl	8.5	.0	.0	.0	
2	Primary Cement	ECONOCEM (TM) SYSTEM (452992)	500.0	sacks	13.6	1.5	6.76		6.76
	5 lbm	KOL-SEAL, BULK (100064233)							
	0.25 %	SA-1015, 50 LB SACK (102077046)							
	0.2 %	CFR-3, W/O DEFOAMER, 50 LB SK (100003653)							
	6.756 Gal	FRESH WATER							
3	Displacement		123.00	bbl	8.33	.0	.0	.0	
Calculated Values		Pressures			Volumes				
Displacement	117	Shut In: Instant		Lost Returns		Cement Slurry	133	Pad	
Top Of Cement	4425	5 Min		Cement Returns		Actual Displacement	117	Treatment	
Frac Gradient		15 Min		Spacers	30	Load and Breakdown		Total Job	
Rates									
Circulating		Mixing	5	Displacement	4.5	Avg. Job			4.5
Cement Left In Pipe	Amount	92 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					