



P.O. BOX 3680
HOUMA, LA 70381-3680

Customer : SAN400

BILL TO : SANDRIDGE ENERGY
123 ROBERT S KERR AVENUE
OKLAHOMA CITY, OK 73102-6408
PHONE: (405) 753-6500 FAX: ()

Division : 0701
Delivery Ticket : 4481
Delivery Date : 3/11/2013
Office : 12/1/1901

Inv. 12375

Ordered By :
Lease/Well : ROCK 3319 1-16H
Rig Name/Number : LARIAT 41
AFE Number :
Site Contact :

Qty	Description	Min / Standby / Usage Charge	Add Day	Unit Price	Start Date / Stop Date	Extended Line Total
1	ROCK 3319 1-16H	\$21,250.00	\$0.00	\$21,250.00	3/10/2013 3/10/2013	\$21,250.00
120	DRILLED 30" CONDUCTOR HOLE	\$0.00	\$0.00	\$0.00	3/10/2013 3/10/2013	
120	20" CONDUCTOR PIPE (.250 WALL)	\$0.00	\$0.00	\$0.00	3/10/2013 3/10/2013	
1	6'X8' CELLAR TINHORN WITH PROTECTIVE RING	\$0.00	\$0.00	\$0.00	3/10/2013 3/10/2013	
1	DRILL & INSTALL 6'X8' CELLAR TINHORN	\$0.00	\$0.00	\$0.00	3/10/2013 3/10/2013	
80	DRILLED 20" MOUSE HOLE (PER FOOT)	\$0.00	\$0.00	\$0.00	3/10/2013 3/10/2013	
80	16" CONDUCTOR PIPE (.250 WALL)	\$0.00	\$0.00	\$0.00	3/10/2013 3/10/2013	
1	MOBILIZATION OF EQUIPMENT & ROAD PERMITTING FEE	\$0.00	\$0.00	\$0.00	3/10/2013 3/10/2013	
1	WELDING SERVICES FOR PIPE & LIDS	\$0.00	\$0.00	\$0.00	3/10/2013 3/10/2013	
1	PROVIDED EQUIPMENT & LABOR FOR DIRT REMOVAL	\$0.00	\$0.00	\$0.00	3/10/2013 3/10/2013	
1	PROVIDED METAL LIDS (1 FOR CONDUCTOR & 2 FOR THE MOUSEHOLE PIPE)	\$0.00	\$0.00	\$0.00	3/10/2013 3/10/2013	
12	CEMENT 10 SACK GROUT	\$0.00	\$0.00	\$0.00	3/10/2013 3/10/2013	

Sub Total: \$21,250.00 \$0.00 \$21,250.00

AFE Number: DC12155
Well Name: Rock 3319 1-16H
Code: 860.010
Amount: \$21,250.00
Co. Man: Carl Miller
Co. Man Sig.: [Signature]
Notes: _____

Print Name

Signature

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HALLIBURTON

Cementing Job Summary

REGULATORY DEPT

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2986450	Quote #:	Sales Order #: 900294427
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: , Quincy	
Well Name: Rock 3319	Well #: 1-16H	API/UWI #:	
Field:	City (SAP): PROTECTION	County/Parish: Comanche	State: Kansas
Contractor: Lariat	Rig/Platform Name/Num: 41		
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: FRENCH, JEREMY		Srvc Supervisor: RODRIGUEZ, EDGAR	MBU ID Emp #: 442125

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
AGUILERA, FABIAN J	11.5	442123	HEIDT, JAMES Nicholas	11.5	517102	NASH, ANDREW Mark	10.5	536983
RAMIREZ, JORGE	9	498481	REEVES, SCOTT L	20.5	518947	RODRIGUEZ, EDGAR Alejandro	9	442125
TORRES, CLEMENTE	3	344233						

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
3/16/2013	1	1	3/17/2013	19.5	6			

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	16 - Mar - 2013	18:00	CST
Form Type		BHST	Job Started	16 - Mar - 2013	22:30	CST
Job depth MD	339. ft	Job Depth TVD	Job Completed	17 - Mar - 2013	00:56	CST
Water Depth		Wk Ht Above Floor	Departed Loc	17 - Mar - 2013	17:31	CST
Perforation Depth (MD)	From	To		17 - Mar - 2013	19:40	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					341.		
13.375" Water String	Unknown		13.375	12.415	68.	BTC	N-80		340.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG,BOT,13 3/8,HWE,11.79 MIN/12.72	1	EA		

Tools and Accessories

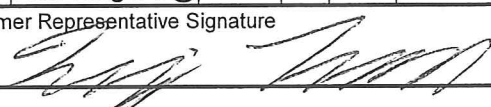
Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug	13 3/8	1	HES
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	13 3/8	1	HES
Stage Tool										Centralizers			

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
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	11.57		11.57
	3 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	11.571 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		45.00	bbl	8.33	.0	.0	.0	
5	400SKS W/CC ON THE SIDE	CMT - STANDARD CEMENT (100003684)	430.0	sacks	15.6	1.2	5.26		5.26
	94 lbm	CMT - STANDARD - CLASS A REG OR TYPE I, BULK (100003684)							
	2 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
	5.258 Gal	FRESH WATER							
Calculated Values		Pressures			Volumes				
Displacement	45	Shut In: Instant		Lost Returns		Cement Slurry	184	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	topout	Actual Displacement	45	Treatment	
Frac Gradient		15 Min		Spacers	10	Load and Breakdown		Total Job	239
Rates									
Circulating	5	Mixing	5	Displacement	5	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 					

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Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2986450	Quote #:	Sales Order #: 900294102
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: ., Quincy	
Well Name: Rock 3319	Well #: 1-16H	API/UWI #: 15-033-21696	
Field:	City (SAP): PROTECTION	County/Parish: Comanche	State: Kansas
Legal Description: Section 16 Township 33S Range 19W			
Contractor: Lariat		Rig/Platform Name/Num: 41	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: FRENCH, JEREMY		Srcv Supervisor: RODRIGUEZ, EDGAR MBU ID Emp #: 442125	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
JOHNSON, MATTHEW Warren	6	525955	RAMIREZ, JORGE	6	498481	RODRIGUEZ, EDGAR Alejandro	6	442125
SPENCE, PAT	6	534792						

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
3/18/2013	3	1	3/19/2013	3	2			
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
					18 - Mar - 2013	13:00	CST
Form Type			BHST	On Location	18 - Mar - 2013	18:00	CST
Job depth MD	965.9 ft		Job Depth TVD	960. ft	Job Started	18 - Mar - 2013	23:57
Water Depth			Wk Ht Above Floor	5. ft	Job Completed	19 - Mar - 2013	01:05
Perforation Depth (MD)	From		To		Departed Loc	19 - Mar - 2013	02:50

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				90.	1000.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55	.	1000.		
Preset Conductor	Unknown		20.	19.124	94.			.	90.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG, TOP, 9 5/8, HW, 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	9 5/8	1	HES
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	9 5/8	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
1	Fresh Water		10.00	bbl	8.33	.0	.0	.0	
2	Lead Cement	EXTENDACEM (TM) SYSTEM (452981)	285.0	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	Tail Cement	SWIFTCEM (TM) SYSTEM (452990)	165.0	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		71.00	bbl	8.33	.0	.0	.0	
Calculated Values		Pressures			Volumes				
Displacement	71	Shut In: Instant		Lost Returns		Cement Slurry	142	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	70	Actual Displacement	71	Treatment	
Frac Gradient		15 Min		Spacers	10	Load and Breakdown		Total Job	223
Rates									
Circulating	5	Mixing	5	Displacement	5	Avg. Job	5		
Cement Left In Pipe	Amount	46.09 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 #: 2986450	Quote #:	Sales Order #: 900309982
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep:	
Well Name: Rock 3319	Well #: 1-16H	API/UWI #: 15-033-21696	
Field:	City (SAP): PROTECTION	County/Parish: Comanche	State: Kansas
Legal Description: Section 16 Township 33S Range 19W			
Contractor: Lariat		Rig/Platform Name/Num: 41	
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	11	456242	JOHNSON, MATTHEW Warren	11	525955	VILLARREAL, ARTURO	11	106127

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10924982	70 mile	10998524	70 mile	11706673	70 mile	11749437	70 mile
11808729	70 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
3-25-13	4	0	3-26-13	7	2.5			

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	25 - Mar - 2013	14:00	CST
Form Type		BHST	On Location	25 - Mar - 2013	20:00	CST
Job depth MD	5842. ft	Job Depth TVD	Job Started	26 - Mar - 2013	01:00	CST
Water Depth		Wk Ht Above Floor	Job Completed	26 - Mar - 2013	04:40	CST
Perforation Depth (MD) From		To	Departed Loc	26 - Mar - 2013	07:00	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				1000.	5842.		
7" Intermediate Casing	Unknown		7.	6.276	26.	LTC	P-110	.	5842.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55	.	1000.		

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			
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 ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Rig Supplied Gel Spacer		30.00	bbl	8.33	.0	.0	.0	
2	Lead Cement	ECONOCEM (TM) SYSTEM (452992)	200.0	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	Tail Cement	HALCEM (TM) SYSTEM (452986)	100.0	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		218.00	bbl	8.33	.0	.0	.0	
Calculated Values		Pressures		Volumes					
Displacement	218	Shut In: Instant		Lost Returns	NO	Cement Slurry	75	Pad	
Top Of Cement	3125	5 Min		Cement Returns	NO	Actual Displacement	218	Treatment	
Frac Gradient		15 Min		Spacers	30	Load and Breakdown		Total Job	
Rates									
Circulating		Mixing	5	Displacement	7	Avg. Job			5
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					

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2986450	Quote #:	Sales Order #: 900328475
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Hill, Richard	
Well Name: Rock 3319	Well #: 1-16H	API/UWI #: 15-033-21696	
Field:	City (SAP): PROTECTION	County/Parish: Comanche	State: Kansas
Legal Description: Section 16 Township 33S Range 19W			
Contractor: Lariat	Rig/Platform Name/Num: 41		
Job Purpose: Cement Production Liner			
Well Type: Development Well		Job Type: Cement Production Liner	
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	13	442123	HEIDT, JAMES Nicholas	13	517102	NASH, ANDREW Mark	13	536983
TORRES, CLEMENTE	13	344233						

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
4/1/2013	13	1.5						
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	01 - Apr - 2013	00:00	CST
Form Type	BHST		Job Started	01 - Apr - 2013	04:00	CST
Job depth MD	9646.3 ft	Job Depth TVD	5380. ft	Job Started	01 - Apr - 2013	12:30
Water Depth		Wk Ht Above Floor	30. ft	Job Completed	01 - Apr - 2013	14:08
Perforation Depth (MD)	From	To	Departed Loc	01 - Apr - 2013	16:00	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
6.125" Open Hole				6.125				5842.	9696.		
4.5" Production Liner	Unknown		4.5	4.	11.6	LTC	N-80	5435.	9696.		
7" Intermediate Casing	Unknown		7.	6.276	26.	LTC	P-110	.	5842.		
4" Drill Pipe	Unknown		4.	3.34	14.	Unknown		.	5435.		

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 ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Rig Supplied Gel Spacer		30.00	bbl	8.5	.0	.0	.0	
2	Primary Cement E923	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		114.00	bbl	8.33	.0	.0	.0	
Calculated Values			Pressures			Volumes			
Displacement	113.74 BBL	Shut In: Instant		Lost Returns	NO	Cement Slurry	134 BBL	Pad	
Top Of Cement	2376 FT.	5 Min		Cement Returns	NO	Actual Displacement	114	Treatment	
Frac Gradient		15 Min		Spacers	30 BBL	Load and Breakdown		Total Job	
Rates									
Circulating	5	Mixing	5	Displacement	6	Avg. Job	5		
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 