



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 : 3147
Delivery Date : 11/20/2012
Office : 12/1/1901

Ordered By :
Lease/Well : ESPLUND FARMS 3023 1-30H
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	ESPLUND FARMS 3023 1-30H	\$24,570.00	\$0.00	\$24,570.00	11/17/2012 11/17/2012	\$24,570.00
120	DRILLED 30" CONDUCTOR HOLE	\$0.00	\$0.00	\$0.00	11/17/2012 11/17/2012	
120	20" CONDUCTOR PIPE (.250 WALL)	\$0.00	\$0.00	\$0.00	11/17/2012 11/17/2012	
1	6'X6' CELLAR TINHORN WITH PROTECTIVE RING	\$0.00	\$0.00	\$0.00	11/17/2012 11/17/2012	
1	DRILL & INSTALL 6'X6' CELLAR TINHORN	\$0.00	\$0.00	\$0.00	11/17/2012 11/17/2012	
75	DRILLED 20" MOUSE HOLE (PER FOOT)	\$0.00	\$0.00	\$0.00	11/17/2012 11/17/2012	
75	16" CONDUCTOR PIPE (.250 WALL)	\$0.00	\$0.00	\$0.00	11/17/2012 11/17/2012	
1	MOBILIZATION OF EQUIPMENT & ROAD PERMITTING FEE	\$0.00	\$0.00	\$0.00	11/17/2012 11/17/2012	
1	WELDING SERVICES FOR PIPE & LIDS	\$0.00	\$0.00	\$0.00	11/17/2012 11/17/2012	
1	PROVIDED EQUIPMENT & LABOR FOR DIRT REMOVAL	\$0.00	\$0.00	\$0.00	11/17/2012 11/17/2012	
1	PROVIDED METAL LIDS (1 FOR CONDUCTOR & 2 FOR THE MOUSEHOLE PIPE)	\$0.00	\$0.00	\$0.00	11/17/2012 11/17/2012	
16	CEMENT 10 SACK GROUT	\$0.00	\$0.00	\$0.00	11/17/2012 11/17/2012	
1	8' HAY FEEDER	\$0.00	\$0.00	\$0.00	11/17/2012 11/17/2012	
1	PROVIDED EQUIPMENT & LABOR TO ASSIST IN PUMPING CONCRETE	\$0.00	\$0.00	\$0.00	11/17/2012 11/17/2012	
Sub Total:		\$24,570.00	\$0.00			\$24,570.00

Print Name

Signature

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2966783	Quote #:	Sales Order #: 900046305
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: ???? , Quincy	
Well Name: Esplund Farms 3023	Well #: 1-30H	API/UWI #: 15-025-21552	
Field:	City (SAP): MINNEOLA	County/Parish: Clark	State: Kansas
Legal Description: Section 30 Township 30S Range 23W			
Contractor: Lariat		Rig/Platform Name/Num: 41	
Job Purpose: Cement Intermediate Casing			
Well Type: Development Well		Job Type: Cement Intermediate Casing	
Sales Person: NGUYEN, VINH		Srvc Supervisor: WOODS, CORY	MBU ID Emp #: 420903

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
NASH, JONATHAN Clark	21.5	524600	STEVENS, DAVID Ray	21.5	497094	TORRES, CLEMENTE	21.5	344233
WOODS, CORY C	21.5	420903						

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	Called Out	Date	Time	Time Zone
				On Location	03 - Dec - 2012	06:30	CST
Form Type			BHST	Job Started	03 - Dec - 2012	12:30	CST
Job depth MD	1000. ft		Job Depth TVD	Job Started	04 - Dec - 2012	08:04	CST
Water Depth			Wk Ht Above Floor	Job Completed	04 - Dec - 2012	09:15	CST
Perforation Depth (MD)	From		To	Departed Loc	04 - Dec - 2012	12:00	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.	1000.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55	.	1000.		
Preset Conductor	Unknown		20.	19.124	94.			.	80.		

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	9.625	1	HWE
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	9.625	1	QL
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	bbbl	8.33	.0	.0	.0	
2	Lead Cement	EXTENDACEM (TM) SYSTEM (452981)	325	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)	150	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		74.5	bbbl	8.33	.0	.0	.0	
Calculated Values		Pressures			Volumes				
Displacement	74.5	Shut In: Instant		Lost Returns	NO	Cement Slurry	154	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	30	Actual Displacement	74.5	Treatment	
Frac Gradient		15 Min		Spacers	10	Load and Breakdown		Total Job	238.5
Rates									
Circulating	9	Mixing	6	Displacement	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		
The Information Stated Herein Is Correct				Customer Representative Signature					

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2966783	Quote #:	Sales Order #: 900063735
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Solis, Lu	
Well Name: Esplund Farms 3023	Well #: 1-30H	API/UWI #: 15-025-21552	
Field:	City (SAP): MINNEOLA	County/Parish: Clark	State: Kansas
Legal Description: Section 30 Township 30S Range 23W			
Contractor: LARIAT		Rig/Platform Name/Num: 41	
Job Purpose: Cement Intermediate Casing			
Well Type: Development Well		Job Type: Cement Intermediate Casing	
Sales Person: NGUYEN, VINH		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	10.5	442123	HEIDT, JAMES Nicholas	10.5	517102	JOHNSON, MATTHEW Warren	10.5	525955

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
12/11/2012	10.5	1.5						

TOTAL Total is the sum of each column separately

Job				Job Times			
Formation Name	Formation Depth (MD)	Form Type	Job depth MD	Date	Time	Time Zone	
	Top Bottom	BHST	5816. ft	11 - Dec - 2012	07:00	CST	Called Out
				11 - Dec - 2012	12:30	CST	On Location
				11 - Dec - 2012	19:03	CST	Job Started
				11 - Dec - 2012	20:22	CST	Job Completed
	From To		5. ft	11 - Dec - 2012	22:30	CST	Departed Loc

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.	5800.		
7" Intermediate Casing	Unknown		7.	6.276	26.	LTC	P-110	.	5800.		
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, 50 LB BAG (100064232)							
	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, 50 LB BAG (100064232)							
	5.076 Gal	FRESH WATER							
4	Displacement		219.00	bbl	8.33	.0	.0	.0	
Calculated Values		Pressures			Volumes				
Displacement	219 BBL	Shut In: Instant		Lost Returns	0	Cement Slurry	75 BBL	Pad	
Top Of Cement	3129 FT	5 Min		Cement Returns	0	Actual Displacement	219 BBL	Treatment	
Frac Gradient		15 Min		Spacers	30 BBL	Load and Breakdown		Total Job	
Rates									
Circulating	5	Mixing	6	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					

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2966783	Quote #:	Sales Order #: 900079959
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: ????, Quincy	
Well Name: Esplund Farms 3023	Well #: 1-30H	API/UWI #: 15-025-21552	
Field:	City (SAP): MINNEOLA	County/Parish: Clark	State: Kansas
Legal Description: Section 30 Township 30S Range 23W			
Contractor: LARIAT		Rig/Platform Name/Num: 41	
Job Purpose: Cement Production Liner			
Well Type: Development Well		Job Type: Cement Production Liner	
Sales Person: NGUYEN, VINH		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 #
JOURNAGEN, MICHAEL	5.5	524224	MENDOZA, VICTOR	5.5	442596	RAMIREZ, JORGE	5.5	498481
RODRIGUEZ, EDGAR Alejandro	5.5	442125						

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
12/18/2012	2	1	12/29/2012	3.5	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
				18 - Dec - 2012	14:30	CST	
Form Type			BHST	On Location	18 - Dec - 2012	20:00	CST
Job depth MD	9702. ft		Job Depth TVD	Job Started	18 - Dec - 2012	23:59	CST
Water Depth			Wk Ht Above Floor	Job Completed	19 - Dec - 2012	01:28	CST
Perforation Depth (MD)	From		To	Departed Loc	19 - Dec - 2012	03:20	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				5800.	9742.		
4.5" Production Liner	Unknown		4.5	4.	11.6	LTC	N-80	5400.	9742.		
7" Intermediate Casing	Unknown		7.	6.276	26.	LTC	P-110	.	5800.		
4" Drill Pipe	Unknown		4.	3.34	14.	Unknown		.	5400.		

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	ECONOCEM (TM) SYSTEM (452992)	480.0	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	Displacement		118.00	bbl	8.33	.0	.0	.0	
Calculated Values		Pressures			Volumes				
Displacement	118	Shut In: Instant		Lost Returns		Cement Slurry	131	Pad	
Top Of Cement	3910	5 Min		Cement Returns		Actual Displacement	118	Treatment	
Frac Gradient		15 Min		Spacers	30	Load and Breakdown		Total Job	279
Rates									
Circulating		Mixing		Displacement		Avg. Job			
Cement Left In Pipe	Amount	86.65 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					