



*****Conductor, Rat and Mouse Hole Drilling Services*****

Ticket

Company:

Date: 8/18/2012

Sandridge

Drill Rig: Lariate 20	Location: Ford County	Lease Name: Unruh 2629 #1-17H DC12325
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<p>120' of 30" Drilled Conductor Hole 120' of 20" Conductor Pipe(.250 wall) 82ppf 6'x6' Cellar Tinhorn W/Protective Ring Drill & Install cellar 75' of 20" Drilled Moushole 75' of 16" Moushole Pipe Mobilization of Equipment & Road Permitting Fee Welding Services for Pipe & Lids Provided Equipment & Labor for Dirt Removal Provided Personal to Facilitate Diggteess(One Call) Provide Metal for Lids(1 for the Conductor and 2 for the Mouse hole pipe) 12 Yards of 4500PSI concrete Poured down the back side of Conductor Pipe</p>	<p>AFE Number: <u>DC12325</u> Well Name: <u>Unruh 2629 1-17H</u> Code: <u>850.010</u> Amount: <u>28,680.00</u> Co. Man: <u>[Signature]</u> Co. Man Sig.: <u>[Signature]</u> Notes: _____</p>
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<p>Comments:) Thank You For Your Business If a caving formation and (or) water is found addition fee(s) will be add to cover the cost of tank trucks, vacuum trucks, and cement pump trucks. Prices figured on non-rocky soil conditions, if rock is present then there will be a surcharge.</p>	<p>Total \$28,680.00</p>
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The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2947611	Quote #:	Sales Order #: 9769100
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Bence, Scott	
Well Name: Unruh 2629	Well #: 1-17H	API/UWI #:	
Field:	City (SAP): INGALLS	County/Parish: Gray	State: Kansas
Legal Description: Section 17 Township 26S Range 29W			
Contractor: Lariat		Rig/Platform Name/Num: 20	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: NGUYEN, VINH		Srvc Supervisor: KLAUSE, JOHN	MBU ID Emp #: 456246

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BERUMEN, EDUARDO	20	267804	JOURNAGAN, MICHAEL D	20	524224	KLAUSE, JOHN David	20	456246
WIFA, HENRY Neniebari	20	491916						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10990703	70 mile	10995019	70 mile				

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
8-25	6	0	8-26	13	6			

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	8-25	1100	
Form Type	BHST			On Location	8-25	1800	
Job depth MD	1550. ft	Job Depth TVD	1550. ft	Job Started	8-26	0800	
Water Depth		Wk Ht Above Floor		Job Completed	8-26	1030	GMT
Perforation Depth (MD) From		To		Departed Loc	8-26	1230	

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				.	1550.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55	.	1550.		

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

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)	400.0	sacks	12.4	2.12	11.68		11.68
	3 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	11.676 Gal	FRESH WATER							
3	Tail Cement	SWIFTCEM (TM) SYSTEM (452990)	180.0	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 (TBC)	FRESH WATER	117.00	bbl	8.33	.0	.0	.0	
Calculated Values		Pressures		Volumes					
Displacement	117	Shut In: Instant	1268	Lost Returns	0	Cement Slurry	151/47	Pad	
Top Of Cement	SURFACE	5 Min	X	Cement Returns	67	Actual Displacement	117	Treatment	
Frac Gradient	NA	15 Min		Spacers	10	Load and Breakdown	NA	Total Job	
Rates									
Circulating	5	Mixing	6	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					

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2947611	Quote #:	Sales Order #: 9789550
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Bence, Scott	
Well Name: Unruh 2629	Well #: 1-17H	API/UWI #:	
Field:	City (SAP): INGALLS	County/Parish: Gray	State: Kansas
Legal Description: Section 17 Township 26S Range 29W			
Contractor: LARIAT		Rig/Platform Name/Num: 20	
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	CARRILLO, EDUARDO Carrillo	2.0	371263	HEIDT, JAMES Nicholas	10.5	517102
LUNA, JOSE A	2.0	480456	NORTON, BRUCE Wayne	12.5	499926			

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
9/03/2012	10.5	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	03 - Sep - 2012	08:00	CST
Form Type			BHST	On Location	03 - Sep - 2012	10:30	CST
Job depth MD	5367. ft		Job Depth TVD	Job Started	03 - Sep - 2012	17:20	CST
Water Depth			Wk Ht Above Floor	Job Completed	03 - Sep - 2012	18:36	CST
Perforation Depth (MD)	From		To	Departed Loc	03 - Sep - 2012	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				1550.	5409.		
7" Intermediate Casing	Unknown		7.	6.276	26.	LTC	P-110	.	5409.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55	.	1550.		

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	Gel Spacer (Provided by Rig)		30.00	bbl	8.33	.0	.0	.0	
2	Lead Cement	ECONOCEM (TM) SYSTEM (452992)	200.0	sacks	13.6	1.54	7.36		7.36
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	2 lbm	KOL-SEAL, 50 LB BAG (100064232)							
	2 %	BENTONITE, BULK (100003682)							
	7.356 Gal	FRESH WATER							
3	Tail Cement	HALCEM (TM) SYSTEM (452986)	100.0	sacks	15.6	1.18	5.2		5.2
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	5.197 Gal	FRESH WATER							
4	Displacement		202.00	bbl	8.33	.0	.0	.0	
Calculated Values		Pressures			Volumes				
Displacement	202 BBL	Shut In: Instant		Lost Returns	0	Cement Slurry	76 BBL	Pad	
Top Of Cement	2662 FT	5 Min		Cement Returns	0	Actual Displacement	202 BBL	Treatment	
Frac Gradient		15 Min		Spacers	30 BBL	Load and Breakdown		Total Job	
Rates									
Circulating	3	Mixing	5	Displacement	6	Avg. Job	4		
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 #: 2947611	Quote #:	Sales Order #: 9807099
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Smith, Pat	
Well Name: Unruh 2629		Well #: 1-17H	API/UWI #:
Field:	City (SAP): INGALLS	County/Parish: Gray	State: Kansas
Legal Description: Section 17 Township 26S Range 29W			
Contractor: Lariat		Rig/Platform Name/Num: 20	
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 #
CLEMENS, ANTHONY Jason	4.5	198516	JOHNSON, PIERCE	4.5	525965	MARTINEZ, RUDY	4.5	512317
RODRIGUEZ, EDGAR Alejandro	4.5	442125	TORRES, CLEMENTE	4.5	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
9/10/2012	4	3	9/11/2012	0.5	0			
TOTAL			<i>Total is the sum of each column separately</i>					

Job

Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
					10 - Sep - 2012	12:00	CST
Form Type			BHST	On Location	10 - Sep - 2012	16:30	CST
Job depth MD	9325. ft		Job Depth TVD	9320. ft	Job Started	10 - Sep - 2012	21:52
Water Depth			Wk Ht Above Floor	7. ft	Job Completed	10 - Sep - 2012	22:59
Perforation Depth (MD)	From		To		Departed Loc	11 - Sep - 2012	00:30
							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
6.125" Open Hole				6.125				5364.	9321.		
4.5" Production Liner	Unknown		4.5	4.	11.6	LTC	P-110	5409.	9320.		
7" Intermediate Casing	Unknown		7.	6.276	26.	LTC	P-110	.	5364.		
4" Drill Pipe	Unknown		4.	3.34	14.	Unknown		.	5008.		

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	Gel Spacer (Provided by Rig)		30.00	bbl	8.5	.0	.0	.0	
2	Primary Cement	ECONOCEM (TM) SYSTEM (452992)	450.0	sacks	13.6	1.54	7.36		7.36
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	2 lbm	KOL-SEAL, BULK (100064233)							
	2 %	BENTONITE, BULK (100003682)							
	7.356 Gal	FRESH WATER							
3	Displacement (TBC)		112.00	bbl	8.33	.0	.0	.0	
Calculated Values		Pressures			Volumes				
Displacement	112	Shut In: Instant		Lost Returns		Cement Slurry	123	Pad	
Top Of Cement	2393	5 Min		Cement Returns		Actual Displacement	112	Treatment	
Frac Gradient		15 Min		Spacers	30	Load and Breakdown		Total Job	265
Rates									
Circulating	5	Mixing	5	Displacement	6	Avg. Job	5		
Cement Left In Pipe	Amount	84.88 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					