



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

**Ticket**

Company:

Date: 8/4/2012

**Sandridge**

Drill Rig: Lariate 19	Location: Madison County	Lease Name: Warren 3317 #1-26H	DC 11668
<b>120' of 30" Drilled Conductor Hole</b> <b>120' of 20" Conductor Pipe(.250 wall) 82ppf</b> <b>6'x6' Cellar Tinhorn W/Protective Ring</b> <b>Drill &amp; Install cellar</b> <b>75' of 20" Drilled Moushole</b> <b>75' of 16" Moushole Pipe</b> <b>Mobilization of Equipment &amp; Road Permitting Fee</b> <b>Welding Services for Pipe &amp; Lids</b> <b>Provided Equipment &amp; Labor for Dirt Removal</b> <b>Provided Personal to Facilitate Diggtess(One Call)</b> <b>Provide Metal for Lids(1.for the Conductor and 2 for the Mouse hole pipe)</b> <b>9 Yards of 4500PSI concrete Poured down the back side of Conductor Pipe</b>		AFE Number: <u>DC 11668</u> Well Name: <u>Warren 3317 1-26H</u> Code: <u>850.010</u> Amount: <u>28,680.00</u> Co. Man: <u>[Signature]</u> Cp. Man Sig.: <u>[Signature]</u> Notes: _____	
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.		<b>Total \$28,680.00</b>	

2.0 CEMENTING JOB SUMMARY

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021		Ship To #: 2944767		Quote #:		Sales Order #: 9734626							
Customer: SANDRIDGE ENERGY INC EBUSINESS				Customer Rep: Towery, Mark									
Well Name: Warren 3317			Well #: 1-26H			API/UWI #: 15-033-21654							
Field:		City (SAP): COLDWATER		County/Parish: Comanche		State: Kansas							
Legal Description: Section 26 Township 33S Range 17W													
Contractor: LARIAT				Rig/Platform Name/Num: 19									
Job Purpose: Cement Surface Casing													
Well Type: Development Well				Job Type: Cement Surface Casing									
Sales Person: NGUYEN, VINH			Srcv Supervisor: AGUILERA, FABIAN		MBU ID Emp #: 442123								
<b>Job Personnel</b>													
HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #					
AGUILERA, FABIAN J	12.5	442123	HEIDT, JAMES Nicholas	12.5	517102	JOHNSON, MATTHEW Warren	12.5	525955					
JOURNAGAN, MICHAEL D	12.5	524224	RAMIREZ, JORGE M.	12.5	498481								
<b>Equipment</b>													
HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way						
<b>Job Hours</b>													
Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours					
8/10/2012	12	1	8/11/2012	.5									
<b>TOTAL</b>			<i>Total is the sum of each column separately</i>										
<b>Job</b>													
<b>Formation Name</b>				<b>Job Times</b>									
Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone							
Form Type	BHST		On Location	10 - Aug - 2012	11:00	CST							
Job depth MD	760. ft	Job Depth TVD	760. ft	Job Started	10 - Aug - 2012	21:20	CST						
Water Depth		Wk Ht Above Floor	5. ft	Job Completed	10 - Aug - 2012	22:20	CST						
Perforation Depth (MD)	From	To	Departed Loc	11 - Aug - 2012	00:00	CST							
<b>Well Data</b>													
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					750.				
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55		750.				
<b>Sales/Rental/3<sup>rd</sup> Party (HES)</b>													
Description				Qty	Qty uom	Depth	Supplier						
PLUG,CMTG, TOP, 9 5/8, HWE, 8.16 MIN/9.06 MA				1	EA								
<b>Tools and Accessories</b>													
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			
<b>Miscellaneous Materials</b>													
Gelling Agt		Conc		Surfactant		Conc		Acid Type		Qty		Conc	%
Treatment Fld		Conc		Inhibitor		Conc		Sand Type		Size		Qty	
<b>Fluid Data</b>													
Stage/Plug #: 1													

HALLIBURTON

Cementing Job Summary

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /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)	245.0	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)	175.0	sacks	15.6	1.19	5.3		5.3
	1 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
	0.125 lbm	POLY-E-FLAKE (101216940)							
	5.302 Gal	FRESH WATER							
4	Displacement		55.00	bbl	8.33	.0	.0	.0	
Calculated Values			Pressures			Volumes			
Displacement	55 BBL	Shut In: Instant		Lost Returns	0	Cement Slurry	129 BBL	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	55 BBL	Actual Displacement	55 BBL	Treatment	
Frac Gradient		15 Min		Spacers	10 BBL	Load and Breakdown		Total Job	
Rates									
Circulating	3	Mixing	5	Displacement	5	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					

**2.0 CEMENTING JOB SUMMARY**

HALLIBURTON

*Cementing Job Summary*

*The Road to Excellence Starts with Safety*

Sold To #: 305021		Ship To #: 2944767		Quote #:		Sales Order #: 9750601							
Customer: SANDRIDGE ENERGY INC EBUSINESS				Customer Rep: Mills, Tim									
Well Name: Warren 3317		Well #: 1-26H		API/UWI #: 15-033-21654									
Field:		City (SAP): COLDWATER		County/Parish: Comanche		State: Kansas							
Legal Description: Section 26 Township 33S Range 17W													
Contractor: LARIAT				Rig/Platform Name/Num: 19									
Job Purpose: Cement Intermediate Casing													
Well Type: Development Well				Job Type: Cement Intermediate Casing									
Sales Person: NGUYEN, VINH		Srvc Supervisor: JIMENEZ, JESUS		MBU ID Emp #: 221813									
Job Personnel													
HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #					
BERUMEN, EDUARDO	12.5	267804	JIMENEZ, JESUS Medrano	12.5	221813	JOHNSON, MATT	12.5	525955					
WIFA, HENRY Neniebari	12.5	491916											
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					
8-17-2012	12.5	3											
TOTAL		Total is the sum of each column separately											
Job				Job Times									
Formation Name				Date		Time		Time Zone					
Formation Depth (MD) Top		Bottom		Called Out		16 - Aug - 2012		23:00 CST					
Form Type		BHST		On Location		17 - Aug - 2012		05:30 CST					
Job depth MD		5532. ft		Job Started		17 - Aug - 2012		14:00 CST					
Water Depth		Wk Ht Above Floor		Job Completed		17 - Aug - 2012		16:00 CST					
Perforation Depth (MD) From		To		Departed Loc		17 - Aug - 2012		17:30 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		
8.75" Open Hole				8.75				750.	5532.				
7" Intermediate Casing	Unknown		7.	6.276	26.	LTC	P-110	.	5532.				
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55	.	750.				
Sales/Rental/3 <sup>rd</sup> 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													
Stage/Plug #: 1													

Summit Version: 7.3.0039

Friday, August 17, 2012 16:26:00

HALLIBURTON

*Cementing Job Summary*

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /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	4	
2	Lead Cement	ECONOCEM (TM) SYSTEM (452992)	150.0	sacks	13.6	1.54	7.36	4	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	4	5.2
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	5.197 Gal	FRESH WATER							
4	Displacement		212.00	bbl	8.33	.0	.0	6	
Calculated Values		Pressures			Volumes				
Displacement	212	Shut In: Instant		Lost Returns	0	Cement Slurry	62	Pad	
Top Of Cement	2321	5 Min		Cement Returns	0	Actual Displacement	212	Treatment	
Frac Gradient		15 Min		Spacers	30	Load and Breakdown		Total Job	
Rates									
Circulating		Mixing	4	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					

2.0 CEMENTING JOB SUMMARY

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021		Ship To #: 2944767		Quote #:		Sales Order #: 9763684							
Customer: SANDRIDGE ENERGY INC EBUSINESS				Customer Rep: Mills, Tim									
Well Name: Warren 3317			Well #: 1-26H			API/UWI #: 15-033-21654							
Field:		City (SAP): COLDWATER		County/Parish: Comanche		State: Kansas							
Legal Description: Section 26 Township 33S Range 17W													
Contractor: Lariat				Rig/Platform Name/Num: 19									
Job Purpose: Cement Production Liner													
Well Type: Development Well				Job Type: Cement Production Liner									
Sales Person: NGUYEN, VINH				Srcv Supervisor: VILLARREAL, ARTURO			MBU ID Emp #: 106127						
<b>Job Personnel</b>													
HES Emp Name		Exp Hrs	Emp #	HES Emp Name		Exp Hrs	Emp #	HES Emp Name		Exp Hrs	Emp #		
CLEAMS, ANTHONY		10	198516	DALRYMPLE, BRIAN Kieth		10	456242	JARNEGEN, MICHAEL		10	524224		
NASH, jonathan		10	524600	VILLARREAL, ARTURO		10	106127						
<b>Equipment</b>													
HES Unit #	Distance-1 way		HES Unit #	Distance-1 way		HES Unit #	Distance-1 way		HES Unit #	Distance-1 way			
<b>Job Hours</b>													
Date	On Location Hours		Operating Hours	Date	On Location Hours		Operating Hours	Date	On Location Hours		Operating Hours		
8-24-12	10		2										
TOTAL	Total is the sum of each column separately												
<b>Job</b>						<b>Job Times</b>							
Formation Name			Formation Depth (MD) Top			Bottom			Called Out	Date	Time	Time Zone	
Form Type			BHST						On Location				
Job depth MD			9795. ft			Job Depth TVD			5052. ft			Job Started	
Water Depth						Wk Ht Above Floor			Job Completed	09 - Aug - 2012	02:00	GMT	
Perforation Depth (MD) From			To						Departed Loc				
<b>Well Data</b>													
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				5532.	9795.				
4.5" Production Liner	Unknown		4.5	4.	11.6	LTC	P-110	5125.	9795.				
7" Intermediate Casing	Unknown		7.	6.276	26.	LTC	P-110	.	5532.				
4" Drill Pipe	Unknown		4.	3.34	14.	Unknown		.	5197.				
<b>Tools and Accessories</b>													
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			
<b>Miscellaneous Materials</b>													
Gelling Agt		Conc		Surfactant		Conc		Acid Type		Qty		Conc	%
Treatment Fld		Conc		Inhibitor		Conc		Sand Type		Size		Qty	

HALLIBURTON

*Cementing Job Summary*

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
1	Rig Supplied Gel Spacer		30.00	bbl	8.5	.0	.0	.0	
2	Primary Cement	ECONOCEM (TM) SYSTEM (452992)	475.0	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/TB C		101.00	bbl	8.33	.0	.0	.0	
Calculated Values		Pressures			Volumes				
Displacement	101	Shut In: Instant		Lost Returns	N	Cement Slurry	130	Pad	
Top Of Cement	5149.22	5 Min		Cement Returns		Actual Displacement	101	Treatment	
Frac Gradient		15 Min		Spacers	130	Load and Breakdown		Total Job	
Rates									
Circulating		Mixing	5	Displacement	4	Avg. Job	3		
Cement Left In Pipe	Amount	80 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					