



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

Ticket

Company:

Date: 7/29/2012

Sandridge

Drill Rig: Tomcat 3	Location: Ford County	Lease Name: Brobee #1-26 SWD DC 11992
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<p>120' of 30" Drilled Conductor Hole</p> <p>120' of 20" Conductor Pipe(.250 wall) 82ppf</p> <p>6'x6' Cellar Tinhorn W/Protective Ring</p> <p>Drill &amp; Install cellar</p> <p>20' of 20" Drilled Moushole</p> <p>20' of 15" Moushole Pipe</p> <p>40' of 20" Drilled Rathole</p> <p>40' of 15" Shuck</p> <p>Mobilization of Equipment &amp; Road Permitting Fee</p> <p>Welding Services for Pipe &amp; Lids</p> <p>Provided Equipment &amp; Labor for Dirt Removal</p> <p>Provided Personal to Facilitate Diggtes(One Call)</p> <p>Provide Metal for Lids(1 for the Conductor and 2 for the Mouse hole pipe)</p> <p>13 Yards of 4500PSI concrete Poured down the back side of Conductor Pipe</p>	<p>AFE Number: DC 11992</p> <p>Well Name: Brobee 1-26 SWD</p> <p>Code: 850.010</p> <p>Amount: 21,500.00</p> <p>Co. Man: <i>Capital Funding</i></p> <p>Co. Man Sig: <i>[Signature]</i></p> <p>Notes: <i>[Signature]</i></p>
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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. Rrices figured on non-rocky soil conditions, if rock is present then there will be a surcharge.

Total \$21,500.00

# HALLIBURTON

# Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2944110	Quote #:	Sales Order #: 9732775
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Man, Company	
Well Name: Brobee	Well #: 1-26 SWD	API/UWI #:	
Field:	City (SAP): DODGE CITY	County/Parish: Ford	State: Kansas
Legal Description: Section 26 Township 26S Range 24W			
Contractor: TOMCAT		Rig/Platform Name/Num: 3	
Job Purpose: Cement Surface Casing			
Well Type: Disposal Well		Job Type: Cement Surface Casing	
Sales Person: NGUYEN, VINH		Srvc Supervisor: CARRILLO, EDUARDO	MBU ID Emp #: 371263

### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CARRILLO, EDUARDO Carrillo	7.5	371263	LUNA, JOSE A	7.5	480456	McClellon, James	7.5	496019
Williams, Darrel	7.5	511430						

### Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10243558	85 mile	10744298C	85 mile	10784078	85 mile	10924986	85 mile
11133699	85 mile	11150262	85 mile	11515116	85 mile		

### Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
8-10-2012	3.5	1	8-11-2012	4	2.5			
<b>TOTAL</b>			<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
				On Location	10 - Aug - 2012	12:30	CST
Form Type			BHST	On Location	10 - Aug - 2012	20:20	CST
Job depth MD	1451. ft		Job Depth TVD	1451. ft	Job Started	11 - Aug - 2012	00:33
Water Depth			Wk Ht Above Floor	3. ft	Job Completed	11 - Aug - 2012	01:40
Perforation Depth (MD)	From		To		Departed Loc	11 - Aug - 2012	04:00

### 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				.	1438.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55	.	1438.		

### Sales/Rental/3<sup>rd</sup> 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 5/8	1	H
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	9 5/8	1	H
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 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)	350.0	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)	160.0	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		108.00	bbl	8.33	.0	.0	.0	
<b>Calculated Values</b>		<b>Pressures</b>			<b>Volumes</b>				
Displacement	109	Shut In: Instant		Lost Returns	0	Cement Slurry	166	Pad	
Top Of Cement	Surface	5 Min		Cement Returns	40	Actual Displacement	109	Treatment	
Frac Gradient		15 Min		Spacers	10	Load and Breakdown		Total Job	285
<b>Rates</b>									
Circulating	6	Mixing	6	Displacement	6	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		
<b>The Information Stated Herein Is Correct</b>				Customer Representative Signature					

*510 SKS total  
Surface*

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2944110	Quote #:	Sales Order #: 9760275
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Robles, Ricky	
Well Name: Brobee	Well #: 1-26 SWD	API/UWI #:	
Field:	City (SAP): DODGE CITY	County/Parish: Ford	State: Kansas
Legal Description: Section 26 Township 26S Range 24W			
Contractor: TOMCAT		Rig/Platform Name/Num: 3	
Job Purpose: Cement Intermediate Casing			
Well Type: Disposal Well		Job Type: Cement Intermediate Casing	
Sales Person: NGUYEN, VINH		Srvc Supervisor: MONTOYA-MOLINAS, ARTHUR	MBU ID Emp #: 483764

### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
MENDOZA, VICTOR	19	442596	MONTOYA-MOLINAS, ARTHUR J	19	483764	STELL, KEVIN Woodrow	19	450776

### 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
8-28-2012	12	1	8-29-2012	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	28 - Aug - 2012	04:30	CST
Form Type			BHST	Job Started	28 - Aug - 2012	12:00	CST
Job depth MD	5932. ft		Job Depth TVD	Job Started	28 - Aug - 2012	23:09	CST
Water Depth			Wk Ht Above Floor	Job Completed	29 - Aug - 2012	00:30	CST
Perforation Depth (MD)	From		To	Departed Loc	29 - Aug - 2012	01:45	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				1438.	5930.		
7" Intermediate Casing	Unknown		7.	6.276	26.	BTC	P-110	.	5930.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55	.	1438.		

### Sales/Rental/3<sup>rd</sup> Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG, TOP, 7, HW, 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 <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Rig Gel Spacer (Rig will provide)		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, BULK (100064233)							
	2 %	BENTONITE, BULK (100003682)							
	7.356 Gal	FRESH WATER							
3	Tail Cement	HALCEM (TM) SYSTEM (452986)	80.0	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/TB C		222.00	bbl	8.33	.0	.0	.0	
Calculated Values		Pressures			Volumes				
Displacement	222 BBLS	Shut In: Instant		Lost Returns	0	Cement Slurry	72 BBLS	Pad	
Top Of Cement	3357 FT	5 Min		Cement Returns	0	Actual Displacement	222 BBLS	Treatment	
Frac Gradient		15 Min		Spacers	30 BBLS	Load and Breakdown		Total Job	
Rates									
Circulating	3	Mixing	5	Displacement	7.5	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					

*280 SKS total  
intermediate*