



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

**Ticket**

Company:

*DT-2630*

Date: 7/6/2012

Sandridge

Drill Rig: Lariate 41	Location: Ford County	Lease Name: Marks 1-24H
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- 120' of 30" Drilled Conductor Hole
- 120' of 20" Conductor Pipe
- 6'x6' Cellar w/Protective ring
- Drill & Install 6'x6' Tinhorn
- 75' of 20" Drilled Mouse hole
- 75' of 16" Mouse hole Pipe
- Mobilization of Equipment & Road Permitting Fee
- Welding Services for Pipe & Lids
- Provided Equipment & Labor for Dirt Removal
- Provided Personal to Facilitate Diggness(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

Comments: Thank You For Your Business	AFE Number: <u>OC 12120</u>	Sub-Total \$28,680.00
	Well Name: <u>Marks 1-24H</u>	
	Code: <u>850-010</u>	
	Amount: <u>\$28,680.00</u>	
	By: <u>Quincy LOVER</u>	
	Checked: <u>[Signature]</u>	
	Notes:	

# HALLIBURTON

# Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2940969	Quote #:	Sales Order #: 9687441
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Man, Company	
Well Name: Marks	Well #: 1-24H	API/UWI #:	
Field:	City (SAP): BUCKLIN	County/Parish: Ford	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: 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	19	267804	KLAUSE, JOHN David	19	456246	WIFA, HENRY Neniebari	19	491916

### Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10244148	85 mile	10741245	85 mile	10866807	85 mile	10924982	85 mile
10990703	85 mile	10995019	85 mile	11706683	85 mile		

### Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
7-24	19	6						

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
Form Type			BHST	On Location	7-24	0500	
Job depth MD	1165. ft		Job Depth TVD	Job Started	7-24	2000	
Water Depth			Wk Ht Above Floor	Job Completed	7-24	2100	
Perforation Depth (MD)	From		To	Departed Loc	7-24	2300	

### 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					865.		
12.25" Open Hole- Lower				12.25				865.	1165.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55		1165.		

### 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			
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
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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)	260.0	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)	170.0	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		85.00	bbl	8.33	.0	.0	.0	
<b>Calculated Values</b>		<b>Pressures</b>			<b>Volumes</b>				
Displacement	84	Shut In: Instant	1202	Lost Returns	NA	Cement Slurry	98/36	Pad	
Top Of Cement	SURFACE	5 Min	X	Cement Returns	15	Actual Displacement	83	Treatment	
Frac Gradient	NA	15 Min		Spacers	10	Load and Breakdown	NA	Total Job	
<b>Rates</b>									
Circulating	6	Mixing	5	Displacement	7	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					

# HALLIBURTON

# Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2940969	Quote #:	Sales Order #: 9722672
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: ???? , Quincy	
Well Name: Marks	Well #: 1-24H	API/UWI #:	
Field:	City (SAP): BUCKLIN	County/Parish: Ford	State: Kansas
Legal Description: Section 24 Township 29S Range 25W			
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: 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 #
BERUMEN, EDUARDO	11	267804	RODRIGUEZ, EDGAR Alejandro	11	442125	TORRES, CLEMENTE	11	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
8/9/2012	11	3						

TOTAL Total is the sum of each column separately

### Job

### Job Times

Formation Name	Formation Depth (MD) Top	Bottom	Form Type	Job depth MD	Job Depth TVD	Water Depth	Perforation Depth (MD) From	To	Date	Time	Time Zone
			BHST	5695. ft	5696. ft	5. ft			08 - Aug - 2012	23:30	CST
									09 - Aug - 2012	02:30	CST
									09 - Aug - 2012	13:24	CST
									09 - Aug - 2012	14:31	CST
									09 - Aug - 2012	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
8.75" Open Hole				8.75				1100.	5786.		
7" Intermediate Casing	Unknown		7.	6.276	26.	LTC	N-80	.	5786.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55	.	1100.		

### 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	7	1	HES
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	7	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
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# 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		30.00	bbl	8.33	.0	.0	.0	
2	Lead Cement	ECONOCEM (TM) SYSTEM (452992)	200.0	sacks	13.6	1.52	7.12		7.12
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	2 lbm	KOL-SEAL, 50 LB BAG (100064232)							
	2 %	BENTONITE, BULK (100003682)							
	7.117 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 (TBC)		214.00	bbl	8.33	.0	.0	.0	
<b>Calculated Values</b>		<b>Pressures</b>			<b>Volumes</b>				
Displacement	214	Shut In: Instant		Lost Returns		Cement Slurry	75	Pad	
Top Of Cement	3024	5 Min		Cement Returns		Actual Displacement	214	Treatment	
Frac Gradient		15 Min		Spacers	30	Load and Breakdown		Total Job	319
<b>Rates</b>									
Circulating	5	Mixing	5	Displacement	6	Avg. Job	5		
Cement Left In Pipe	Amount	91 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					

*The Road to Excellence Starts with Safety*

<b>Sold To #:</b> 305021	<b>Ship To #:</b> 2940969	<b>Quote #:</b>	<b>Sales Order #:</b> 9751232
<b>Customer:</b> SANDRIDGE ENERGY INC EBUSINESS		<b>Customer Rep:</b> ?????, Quincy	
<b>Well Name:</b> Marks		<b>Well #:</b> 1-24H	<b>API/UWI #:</b>
<b>Field:</b>	<b>City (SAP):</b> BUCKLIN	<b>County/Parish:</b> Ford	<b>State:</b> Kansas
<b>Legal Description:</b> Section 24 Township 29S Range 25W			
<b>Contractor:</b> LARIAT		<b>Rig/Platform Name/Num:</b> 41	
<b>Job Purpose:</b> Cement Production Liner			
<b>Well Type:</b> Development Well		<b>Job Type:</b> Cement Production Liner	
<b>Sales Person:</b> NGUYEN, VINH		<b>Srvc Supervisor:</b> AGUILERA, FABIAN	<b>MBU ID Emp #:</b> 442123

**Job Personnel**

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
AGUILERA, FABIAN	8.5	442123	LUNA, JOE	8.5	.	MARTINEZ, EDGAR	8.5	.
MENDOZA, VICTOR	8.5	.	NASH, JONATHAN	8.5	.			

**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
8/19/2012	8.5	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	19 - Aug - 2012	07:00	CST
Form Type			BHST	Job Started	19 - Aug - 2012	14:32	CST
Job depth MD	9800. ft		Job Depth TVD	Job Completed	19 - Aug - 2012	15:50	CST
Water Depth			Wk Ht Above Floor	Departed Loc	19 - Aug - 2012	17:30	CST
Perforation Depth (MD)	From		To				

**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				5786.	9744.		
4.5" Production Liner	Unknown		4.5	4.	11.6	LTC	P-110	5388.	9744.		
7" Intermediate Casing	Unknown		7.	6.276	26.	LTC	N-80	.	5786.		
4" Drill Pipe	Unknown		4.	3.34	14.	Unknown		.	5388.		

**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**

<b>Stage/Plug #: 1</b>
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# 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	Gel Spacer (Rig will provide)		20.00	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		116.00	bbl	8.33	.0	.0	.0	
<b>Calculated Values</b>			<b>Pressures</b>			<b>Volumes</b>			
Displacement	115 BBL	Shut In: Instant		Lost Returns	0	Cement Slurry	123 BBL	Pad	
Top Of Cement	880 FT.	5 Min		Cement Returns	0	Actual Displacement	115 BBL	Treatment	
Frac Gradient		15 Min		Spacers	20 BBL	Load and Breakdown		Total Job	
<b>Rates</b>									
Circulating	3	Mixing	5	Displacement	5	Avg. Job	4		
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		
<b>The Information Stated Herein Is Correct</b>				Customer Representative Signature					