



INVOICE

DATE	INVOICE #
4/8/2013	3871

BILL TO
SANDRIDGE ENERGY, INC. ATTN: PURCHASING MANAGER 123 ROBERT S. KERR AVENUE OKLAHOMA CITY, OK 73102

REMIT TO
EDGE SERVICES, INC. PO BOX 609 WOODWARD, OK 73802

COUNTY	STARTING D...	WORK ORDER	RIG NUMBER	LEASE NAME	Terms
COMANCHE, ...	4/8/2013	3069	LARIAT 38	HAZEL 3120 2-24H	Due on rec...

Description

DRILLED 130' OF 30" CONDUCTOR HOLE
 DRILLED 6' OF 76" HOLE
 FURNISHED AND SET 6' X 6' TINHORN CELLAR
 FURNISHED 130' OF 20" CONDUCTOR PIPE
 FURNISHED 1 LOAD(S) MUD
 FURNISHED WELDER AND MATERIALS
 FURNISHED 14 YARDS OF GRADE A CEMENT
 FURNISHED GROUT PUMP
 DRILL MOUSE HOLE
 FURNISHED 80' OF 14" CONDUCTOR PIPE

TOTAL BID \$ 19,000.00

Sales Tax (6.3%)	\$394.70
TOTAL	\$19,394.70

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2991408	Quote #:	Sales Order #: 900350397
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep:	
Well Name: Hazel 3120	Well #: 2-24H	API/UWI #: 15-033-21707	
Field:	City (SAP): COLDWATER	County/Parish: Comanche	State: Kansas
Legal Description: Section 13 Township 31S Range 20W			
Contractor: Lariat		Rig/Platform Name/Num: 38	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: FRENCH, JEREMY		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 #
JOURNAGAN, MICHAEL	18	524224	NASH, ANDREW Mark	18	536983	RAMIREZ, JORGE	18	498481
RODRIGUEZ, EDGAR Alejandro	18	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
4/9/2013	17.5	2.5	4/10/2013	0.5	0.5			
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
					08 - Apr - 2013	23:00	CST
Form Type			BHST	On Location	09 - Apr - 2013	05:00	CST
Job depth MD	953. ft		Job Depth TVD	950. ft	Job Started	09 - Apr - 2013	22:06
Water Depth			Wk Ht Above Floor	5. ft	Job Completed	09 - Apr - 2013	22:57
Perforation Depth (MD)	From		To	Departed Loc	10 - Apr - 2013	00:40	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				90.	950.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55	.	950.		
Preset Conductor	Unknown		20.	19.124	94.			.	90.		

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 5/8	1	HES
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	9 5/8	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

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)	250.0	sacks	12.4	2.11	11.64		11.64
	3 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	11.637 Gal	FRESH WATER							
3	Tail Cement	SWIFTCEM (TM) SYSTEM (452990)	195.0	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		70.00	bbl	8.33	.0	.0	.0	
Calculated Values		Pressures			Volumes				
Displacement	70	Shut In: Instant		Lost Returns		Cement Slurry	136	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	27	Actual Displacement	70	Treatment	
Frac Gradient		15 Min		Spacers	10	Load and Breakdown		Total Job	216
Rates									
Circulating	5	Mixing	5	Displacement	5	Avg. Job	5		
Cement Left In Pipe	Amount	46.20 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 #: 2991408	Quote #:	Sales Order #: 900364242
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: ., cm	
Well Name: Hazel 3120	Well #: 2-24H	API/UWI #: 15-033-21707	
Field:	City (SAP): COLDWATER	County/Parish: Comanche	State: Kansas
Legal Description: Section 13 Township 31S Range 20W			
Contractor: Lariat		Rig/Platform Name/Num: 38	
Job Purpose: Cement Intermediate Casing			
Well Type: Development Well		Job Type: Cement Intermediate Casing	
Sales Person: FRENCH, JEREMY		Srcv 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 #
JOURNAGAN, MICHAEL	6.5	524224	RAMIREZ, JORGE	6.5	498481	RODRIGUEZ, EDGAR Alejandro	6.5	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
4/14/2013	1	1	4/15/2013	5.5	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
					14 - Apr - 2013	15:30	CST
Form Type			BHST	On Location	14 - Apr - 2013	21:00	CST
Job depth MD	5506. ft		Job Depth TVD	5506. ft	Job Started	15 - Apr - 2013	03:03
Water Depth			Wk Ht Above Floor	6. ft	Job Completed	15 - Apr - 2013	04:11
Perforation Depth (MD)	From		To	Departed Loc	15 - Apr - 2013	05:40	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				950.	5540.		
7" Intermediate Casing	Unknown		7.	6.276	26.	LTC	P-110	.	5540.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55	.	950.		

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

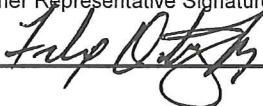
Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug	7	1	HES
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	7	1	HES
Stage Tool										Centralizers			

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

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)	110.0	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	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, BULK (100064233)							
	5.076 Gal	FRESH WATER							
4	Displacement		207.00	bbl	8.33	.0	.0	.0	
Calculated Values		Pressures			Volumes				
Displacement	207	Shut In: Instant		Lost Returns		Cement Slurry	51	Pad	
Top Of Cement	4845 / TOT	Top Of Cement	3725 / TOL	Cement Returns		Actual Displacement	207	Treatment	
Frac Gradient		15 Min		Spacers	30	Load and Breakdown		Total Job	288
Rates									
Circulating	5	Mixing	5	Displacement	6	Avg. Job	5.5		
Cement Left In Pipe	Amount	86 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 					

RECEIVED

APR 26 2013

HALLIBURTON

Cementing Job Summary

REGULATORY DEPT
SANDRIDGE ENERGY
The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2991408	Quote #:	Sales Order #: 900381434
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: SANDRIDGE, FELIX	
Well Name: Hazel 3120	Well #: 2-24H	API/UWI #: 15-033-21707	
Field:	City (SAP): COLDWATER	County/Parish: Comanche	State: Kansas
Legal Description: Section 13 Township 31S Range 20W			
Contractor: Lariat		Rig/Platform Name/Num: 38	
Job Purpose: Cement Production Liner			
Well Type: Development Well		Job Type: Cement Production Liner	
Sales Person: FRENCH, JEREMY		Srvc Supervisor: WILTSHIRE, MERSHEK	MBU ID Emp #: 195811

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
Berumen, Eduardo	8.5	267804	WILTSHIRE, MERSHEK TonJe	8.5	195811			

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	Top	Bottom	Date	Time	Time Zone
Formation Depth (MD)			Called Out	22 - Apr - 2013	21:30
Form Type	BHST		On Location	23 - Apr - 2013	04:00
Job depth MD	10797. ft	Job Depth TVD	Job Started	23 - Apr - 2013	09:04
Water Depth		Wk Ht Above Floor	Job Completed	23 - Apr - 2013	10:41
Perforation Depth (MD)	From	To	Departed Loc	23 - Apr - 2013	12:30

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				5540.	10797.		
4.5" Production Liner	Unknown		4.5	4.	11.6	LTC	N-80	5140.	10797.		
7" Intermediate Casing	Unknown		7.	6.276	26.	LTC	P-110		5540.		
4" Drill Pipe	Unknown		4.	3.34	14.	Unknown			5140.		

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

HALLIBURTON

Cementing Job Summary

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 E923	ECONOCEM (TM) SYSTEM (452992)	560.0	sacks	13.6	1.5	6.76		6.76
	5 lbm	KOL-SEAL, BULK (100064233)							
	0.25 %	SA-1015, 50 LB SACK (102077046)							
	0.2 %	CFR-3, W/O DEFOAMER, 50 LB SK (100003653)							
	6.756 Gal	FRESH WATER							
3	Displacement		142.00	bbl	8.33	.0	.0	.0	
Calculated Values		Pressures			Volumes				
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
Rates									
Circulating		Mixing		Displacement		Avg. Job			
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 