



Division : 0701
 Delivery Ticket : 4581
 Delivery Date : 3/21/2013
 Office : 12/1/1901

P.O. BOX 3660
 HOUMA, LA 70361-3660

Ordered By :
 Lease/Well : LINDSAY 3319 1-21H
 Rig Name/Number : LARIAT 41
 AFE Number :
 Site Contact :

Customer : SAN400

BILL TO : SANDRIDGE ENERGY
 123 ROBERT S KERR AVENUE
 OKLAHOMA CITY, OK 73102-6406
 PHONE: (405) 753-5500 FAX: ()

Qty	Description	Min / Standby / Usage Charge	Add Day	Unit Price	Start Date / Stop Date	Extended Line Total
1	LINDSAY 3319 1-21H	\$21,250.00	\$0.00	\$21,250.00	3/19/2013 / 3/19/2013	\$21,250.00
126	DRILLED 30" CONDUCTOR HOLE	\$0.00	\$0.00	\$0.00	3/19/2013 / 3/19/2013	
126	20" CONDUCTOR PIPE (.250 WALL)	\$0.00	\$0.00	\$0.00	3/19/2013 / 3/19/2013	
1	6'X6' CELLAR TINHORN WITH PROTECTIVE RING	\$0.00	\$0.00	\$0.00	3/19/2013 / 3/19/2013	
1	DRILL & INSTALL 6'X6' CELLAR TINHORN	\$0.00	\$0.00	\$0.00	3/19/2013 / 3/19/2013	
79	DRILLED 20" MOUSE HOLE (PER FOOT)	\$0.00	\$0.00	\$0.00	3/19/2013 / 3/19/2013	
79	16" CONDUCTOR PIPE (.250 WALL)	\$0.00	\$0.00	\$0.00	3/19/2013 / 3/19/2013	
1	MOBILIZATION OF EQUIPMENT & ROAD PERMITTING FEE	\$0.00	\$0.00	\$0.00	3/19/2013 / 3/19/2013	
1	WELDING SERVICES FOR PIPE & LIDS	\$0.00	\$0.00	\$0.00	3/19/2013 / 3/19/2013	
1	PROVIDED EQUIPMENT & LABOR FOR DIRT REMOVAL	\$0.00	\$0.00	\$0.00	3/19/2013 / 3/19/2013	
1	PROVIDED METAL LIDS (1 FOR CONDUCTOR & 2 FOR THE MOUSEHOLE PIPE)	\$0.00	\$0.00	\$0.00	3/19/2013 / 3/19/2013	
12	CEMENT 10 SACK GROUT	\$0.00	\$0.00	\$0.00	3/19/2013 / 3/19/2013	

Sub Total: \$21,250.00 \$0.00 \$21,250.00

Print Name

Signature

JOB SUMMARY			PROJECT NUMBER SOK 2537	TICKET DATE 03/23/13
COUNTY Commanche	State Kansas	COMPANY Bridge Exploration & Produc	CUSTOMER REP JC Lockridge	
LEASE NAME Lindsay 3319	Well No. 1-21H	JOB TYPE Surface	EMPLOYEE NAME Arthur Setzer	

EMP NAME	0						
Arthur Setzer							
Jared Green							
David Thomas							
Kevin Johnson							

Form. Name _____ Type: _____

Packer Type _____ Set At **0**

Bottom Hole Temp. **80** Pressure _____

Retainer Depth _____ Total Depth **900**

Date	Called Out 3/23/2013	On Location 3/23/2013	Job Started 3/23/2013	Job Completed 3/23/2013
Time	0400	1130	1200	1500

Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Val	0	IR
Centralizers	0	IR
Top Plug	0	IR
HEAD	0	IR
Limit clamp	0	IR
Weld-A	0	IR
Texas Pattern Guide Shoe	0	IR
Cement Basket	0	IR

Well Data						
	New/Used	Weight	Size	Grade	From	To
Casing		36#	9 5/8"		Surface	900
Liner						
Liner						
Tubing			0			
Drill Pipe						
Open Hole			12 1/4"		Surface	900
Perforations						Shots/Ft.
Perforations						
Perforations						

Materials			
Mud Type	WBM	Density	Lb/Gal
Disp. Fluid	Fresh Water	8.33	
Spacer type	resh Water BBL.	10	8.33
Spacer type	BBL.		
Acid Type	Gal.		%
Acid Type	Gal.		%
Surfactant	Gal.		In
NE Agent	Gal.		In
Fluid Loss	Gal/Lb		In
Gelling Agent	Gal/Lb		In
Fric. Red.	Gal/Lb		In
MISC.	Gal/Lb		In

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
3/23	4.0	3/23	4.0	Surface
Total	4.0	Total	4.0	

Perfpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Other _____

Pressures		
MAX	1.500 PSI	AVG.
MAX	6 BPM	AVG
Cement Left in Pipe		
Feet	Reason	SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	390	EX Lite Premium Plus 65	(6% Gel) 2% Calcium Chloride - 1/4pps Cello-Flake - .5% C-41P	10.88	1.84	12.70
2	180	Premium Plus (Class C)	2% Calcium Chloride - 1/4pps Cello-Flake	6.32	1.32	14.80
3	*100	Premium Plus (Class C)	*2% Calcium Chloride on side to use if necessary	*6.32	*1.32	*14.8

Summary					
Preflush	_____	Type:	Preflush:	BBI	10.00
Breakdown	_____	MAXIMUM	Load & Bkdn:	Gal - BBI	N/A
	_____	Lost Returns-N	Excess /Return	BBI	67
	_____	Actual TOC	Calc. TOC:	SURFACE	67.00
Average	_____	Bump Plug PSI:	Final Circ.	PSI:	450
SIP	5 Min.	10 Min.	Cement Slurry:	BBI	170.0
		15 Min.	Total Volume	BBI	247.00

CUSTOMER REPRESENTATIVE *Felix Oster Jr* SIGNATURE

JOB SUMMARY			PROJECT NUMBER SOK 2558	TICKET DATE 03/29/13
COUNTY Commanche	State Kansas	COMPANY Sandridge Exploration & Production	CUSTOMER REP Roger Barber	
LEASE NAME Lindsay 3319	Well No. 1-21H	JOB TYPE Intermediate	EMPLOYEE NAME L. ARNEY	

EMP NAME					
L. ARNEY		0			
M. QUINTANA					
D. TEWELL					
W. TRUEX					

Form. Name _____ Type: _____

Packer Type _____ Set At _____ 0

Bottom Hole Temp. 155 Pressure _____

Retainer Depth _____ Total Depth _____ 0

Date	Called Out	On Location	Job Started	Job Completed
	3/29/2013	3/29/2013	3/29/2013	3/29/2013
Time	1000	1600	2211	2400

Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Val	0	IR
Centralizers	0	IR
Top Plug	0	IR
HEAD	0	IR
Limit clamp	0	IR
Weld-A	0	IR
Texas Pattern Guide Shoe	0	IR
Cement Basket	0	IR

Well Data						
	New/Used	Weight	Size	Grade	From	To
Casing		26#	7"		Surface	
Liner						
Liner						
Tubing			0			
Drill Pipe						
Open Hole			8 3/4"		Surface	0
Perforations						Shots/Ft.
Perforations						
Perforations						

Materials			
Mud Type	WBM	Density	Lb/Gal
Disp. Fluid	Fresh Water	8.33	
Spacer type	Fresh Water BBL.	20	8.33
Spacer type	Caustic BBL.	10	8.40
Acid Type	Gal.	%	
Acid Type	Gal.	%	
Surfactant	Gal.	ln	
NE Agent	Gal.	ln	
Fluid Loss	Gal/Lb	ln	
Gelling Agent	Gal/Lb	ln	
Fric. Red.	Gal/Lb	ln	
MISC.	Gal/Lb	ln	

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
3/29	7.0	3/29	1.8	Intermediate
Total	7.0	Total	1.8	

Perfpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Other _____

Pressures		
MAX	5,000 PSI	AVG. 400
Average Rates in BPM		
MAX	8 BPM	AVG 6
Cement Left in Pipe		
Feet	88'	Reason SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	200	50/50 POZ PREMIUM	4% Gel - 0.4% FL-17 - 0.1% C-51 - 0.1% C-20 - 0.5% C-41P - 1 lb/sk Phenos	6.77	1.44	13.60
2	100	Premium	0.4% FL-17 - 0.1% C-51 - 0.1% C-20 - 0.4% C-41P	5.20	1.18	15.60
3	0	0		0	0.00	0.00

Summary					
Preflush Breakdown	10	Type: Caustic	Preflush: BBI	30.00	Type: Fresh Water
		MAXIMUM	Load & Bkdn: Gal - BBI	N/A	Pad:Bbl -Gal N/A
		Lost Returns-N	Excess /Return BBI	N/A	Calc. Disp Bbl 219
		Actual TOC	Calc. TOC:	3239	Actual Disp. 217.00
Average		Bump Plug PSI: 1,350	Final Circ. PSI:	850	Disp:Bbl
is p	5 Min.	10 Min.	Cement Slurry: BBI	73.0	
		15 Min.	Total Volume BBI	320.00	

CUSTOMER REPRESENTATIVE _____ SIGNATURE _____

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2990906	Quote #:	Sales Order #: 900343072
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Hill, Richard	
Well Name: Lindsay 3319	Well #: 1-21H	API/UWI #: 15-033-21698	
Field:	City (SAP): PROTECTION	County/Parish: Comanche	State: Kansas
Legal Description: Section 21 Township 33S Range 19W			
Lat: N 37.15 deg. OR N 37 deg. 8 min. 59.2 secs.		Long: W 99.396 deg. OR W -100 deg. 36 min. 14.6 secs.	
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		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 #
BAKER, NICHOLAS	3.5	542100	NEAL, MICHAEL Edward	3.5	483780	RAMIREZ, JORGE	9	498481
RODRIGUEZ, EDGAR Alejandro	9	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
4/4/2013	3	1	4/5/2013	6	2			

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	04 - Apr - 2013 16:00 CST
Form Type	BHST	On Location	04 - Apr - 2013 21:00 CST
Job depth MD	9785. ft	Job Depth TVD	9785. ft
Water Depth	Wk Ht Above Floor	Job Started	05 - Apr - 2013 02:52 CST
Perforation Depth (MD) From	To	Job Completed	05 - Apr - 2013 04:05 CST
		Departed Loc	05 - Apr - 2013 05:50 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				5827.	9783.		
4.5" Production Liner	Unknown		4.5	4.	11.6	LTC	N-80	5425.	9783.		
7" Intermediate Casing	Unknown		7.	6.276	26.	LTC	P-110	.	5827.		
4" Drill Pipe	Unknown		4.	3.34	14.	Unknown		.	5425.		

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	Rig Supplied Gel Water		30.00	bbl	8.5	.0	.0	.0	
2	Primary Cement	ECONOCEM (TM) SYSTEM (452992)	500.0	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		121.00	bbl	8.33	.0	.0	.0	
Calculated Values		Pressures			Volumes				
Displacement	121	Shut In: Instant		Lost Returns		Cement Slurry	134	Pad	
Top Of Cement	2747	5 Min		Cement Returns		Actual Displacement	121	Treatment	
Frac Gradient		15 Min		Spacers	30	Load and Breakdown		Total Job	285
Rates									
Circulating	5	Mixing	5	Displacement	6	Avg. Job			5.5
Cement Left In Pipe	Amount	90.65 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					

