



BASIN SERVICES, LLC
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INVOICE

INVOICE NO.: 199
 INVOICE DATE: 06/24/2013

SANDRIDGE ENERGY
 123 ROBERT S KERR AVE
 OKLAHOMA CITY, OK 73102-6406

YARD: WY WAYNOKA OK
 LEASE: Sally
 WELL#: 3420 2-12H
 RIG #: Lariat 45
 Co/St: COMANCHE, KS

Tkt # WY-15-1 04/23/2013

DESCRIPTION	FOOTAGE	QUANTITY	RATE	AMOUNT
4/23/2013 DRILLED 30" CONDUCTOR HOLE				
4/23/2013 20" CONDUCTOR PIPE (.250 WALL)				
4/23/2013 6' X 6' CELLAR TINHORN WITH PROTECTIVE RING				
4/23/2013 DRILL & INSTALL 6' X 6' CELLAR TINHORN				
4/23/2013 DRILLED 20" MOUSE HOLE (PER FOOT)				
4/23/2013 16" CONDUCTOR PIPE (.250 WALL)				
4/23/2013 MOBILIZATION OF EQUIPMENT & ROAD PERMITTING FEE				
4/23/2013 WELDING SERVICES FOR PIPE & LIDS				
4/23/2013 PROVIDED EQUIPMENT & LABOR TO ASSIST IN PUMPING CONCRETE				
4/23/2013 PROVIDED METAL LIDS (1 FOR CONDUCTOR & 2 FOR MOUSEHOLE PIPE)				
4/23/2013 13 YARDS OF 10 GROUT				11,050.00
4/23/2013 TAXABLE ITEMS				10,200.00
4/23/2013 BID + TAXABLE ITEMS				
			Sub Total:	21,250.00 ✓
			Tax COMANCHE COUNTY (6.3 %):	696.15
			PLEASE PAY THIS AMOUNT:	<u>\$ 21,946.15</u>

JOB SUMMARY			PROJECT NUMBER SOK 2622	TICKET DATE 04/29/13
COUNTY Comanche	State Kansas	COMPANY Bridge Exploration & Produc	CUSTOMER REP Tommy Whitlow	
LEASE NAME Sally 3420	Well No. 2-12H	JOB TYPE Surface	EMPLOYEE NAME Arthur Setzer	

EMP NAME Arthur Setzer	Cheryl Newton				
Jared Green					
Robert Stonehocker					
David Thomas					

Form. Name _____ Type: _____

Packer Type _____ Set At **0**

Bottom Hole Temp. **80** Pressure _____

Retainer Depth _____ Total Depth **300'**

Date	Called Out 4/28/2013	On Location 4/29/2013	Job Started 4/29/2013	Job Completed 4/29/2013
Time	0600	0100	0550	1900

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

New/Used		Weight	Size	Grade	From	To	Max. Allow
Casing		54.5#	13 3/8"		Surface	326	1,500
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			17 1/2"		Surface	300'	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	WBM	Density	9 Lb/Gal
Disp. Fluid	Fresh Water	Density	8.33 Lb/Gal
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	

Perfpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
4/29	18.0	4/29	4.0	Surface
Total	18.0	Total	4.0	

Pressures	
MAX 1,500 PSI	AVG. _____
Average Rates in BPM	
MAX 6 BPM	AVG. _____
Cement Left in Pipe	
Feet	Reason SHOE JOINT

Cement Data				W/Rq.	Yield	Lbs/Gal
Stage	Sacks	Cement	Additives			
1	250	EX Lite Premium Plus 65	(6% Gel) 2% Calcium Chloride - 1/4pps Cello-Flake - .5% C-41P	10.88	1.84	12.70
2	120	Premium Plus (Class C)	2% Calcium Chloride - 1/4pps Cello-Flake	6.32	1.32	14.80
3	*200	Premium Plus (Class C)	*2% Calcium Chloride on side to use if necessary	*6.32	*1.32	*14.8

Summary			
Preflush Breakdown	Type: _____	Preflush: BBI	10.00 Type: Fresh Water
	MAXIMUM 1,500 PSI	Load & Bkdn: Gal - BBI	N/A Pad:Bbl -Gal N/A
	Lost Returns- N	Excess /Return BBI	0 Calc. Disp Bbl 44
	Actual TOC SURFACE	Calc. TOC:	SURFACE Actual Disp. 44.00
Average	Bump Plug PSI:	Final Circ. PSI:	20 Disp:Bbl 44.00
ISIF _____ 5 Min.	10 Min _____	Cement Slurry: BBI	87.0
	15 Min _____	Total Volume BBI	141.00

CUSTOMER REPRESENTATIVE Bill Jordan SIGNATURE _____

JOB SUMMARY

JOB SUMMARY			PROJECT NUMBER SOK 2633	TICKET DATE 04/30/13
COUNTY Comanche	State Kansas	COMPANY Sandridge Exploration & Production	CUSTOMER REP Bill Barret	
LEASE NAME Sally 3420	Well No. 2-12H	JOB TYPE Surface	EMPLOYEE NAME ARTHUR SETZER	

EMP NAME Arthur Setzar	David Thomas				
Jared Green					
0.00					
Robert Stonehocker					

Form. Name _____ Type: _____

Packer Type _____ Set At **0**

Bottom Hole Temp. **80** Pressure _____

Retainer Depth _____ Total Depth **1000**

Date	Called Out	On Location	Job Started	Job Completed
	4/30/2013	4/30/2013	5/1/2013	5/1/2013
Time	1400	2200		

Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Val	0	IR
Centralizers	0	IR
Top Plug	1	IR
HEAD	1	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	1,000
Liner						5,000
Liner						
Tubing			0			
Drill Pipe						
Open Hole			12 1/4		Surface	1,000'
Perforations						Shots/Ft.
Perforations						
Perforations						

Materials			
Mud Type	WBM	Density	9 Lb/Gal
Disp. Fluid	Fresh Water	Density	8.33 Lb/Gal
Spacer type	resh Water BBL.		20 8.33
Spacer type	Caustic BBL.		10 8.40
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
Perfpac Balls		Qty.	
Other			
Other			
Other			
Other			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
4/30	2.0	4/30	2.0	Surface
5/1	3.0	5/1	2.0	
Total 5.0		Total 4.0		

MAX 1,000 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	300	EX Lite Premium Plus 65	(6% Gel) 2% Calcium Chloride - 1/4pps Cello-Flake - .5% C-41P	10.88	1.84	12.70
2	160	Premium Plus (Class C)	2% Calcium Chloride - 1/4pps Cello-Flake	6.32	1.32	14.80
3	200	Premium Plus (Class C)	* 2% Calcium Chloride (On the Side)	6.32	1.32	14.80

Summary								
Preflush Breakdown:	10	Type:	Caustic	Preflush:	BBI	10.00	Type:	Fresh Water
			5,000 PSI	Load & Bkdn:	Gal - BBI	N/A		Pad:Bbl -Gal
			NO/FULL	Excess /Return	BBI	N/A		Calc. Disp Bbl
				Calc. TOC:		Surface		Actual Disp.
Average		Bump Plug PSI:		Final Circ.	PSI:	300		Disp:Bbl
ISIP	5 Min.	10 Min.	15 Min.	Cement Slurry:	BBI	136.0		
				Total Volume	BBI	220.00		

CUSTOMER REPRESENTATIVE Bill Barret SIGNATURE _____

JOB SUMMARY			PROJECT NUMBER SOK 2657	TICKET DATE 05/07/13
COUNTY Comanche	State Kansas	COMPANY Sandridge Exploration & Production	CUSTOMER REP Bill Torbett	
LEASE NAME Sally 3420	Well No. 2-12H	JOB TYPE Intermediate	EMPLOYEE NAME L. ARNEY	

EMP NAME L. ARNEY					
M. QUINTANA					
D. TEWELL					
K. JOHNSON					

Form. Name _____ Type: _____

Packer Type _____ Set At **4,360**

Bottom Hole Temp. **155** Pressure _____

Retainer Depth _____ Total Depth **5718**

Date	Called Out	On Location	Job Started	Job Completed
	5/6/2013	5/7/2013	6/7/2013	5/7/2013
Time	2300	0400	0715	1000

Tools and Accessories		
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	Max. Allow
Casing		26#	7"		Surface		5,000
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			8 1/2"		Surface	5,718	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	WBM	Density	9 Lb/Gal
Disp. Fluid	Fresh Water	Density	8.33 Lb/Gal
Spacer type	resh Water BBL.		20
Spacer type	Caustic BBL.		10
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	
Perfpac Balls	Qty.		
Other			
Other			
Other			
Other			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
5/7	6.0	5/7	2.8	Intermediate
Total	6.0	Total	2.8	

Pressures		
MAX	5,000 PSI	AVG. 500
Average Rates in BPM		
MAX	8 BPM	AVG 5
Cement Left in Pipe		
Feet	92	Reason SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	175	50/50 POZ PREMIUM	4% Gel - 0.4% FL-17 - 0.2% C-51 - 0.1% C-20 - 0.1% C-37 - 0.5% C-41P	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: 10ppg Barite Spacer
		MAXIMUM	Load & Bkdn: Gal - BBI	N/A	Pad:Bbl - Gal N/A
		Lost Returns-N	Excess /Return BBI	N/A	Calc. Disp Bbl 215
		Actual TOC	Calc. TOC:	4181'	Actual Disp. 214.00
Average		Bump Plug PSI:	Final Circ. PSI:	900	Disp:Bbl
ISIP	5 Min.	10 Min.	Cement Slurry: BBI	65.0	
		15 Min.	Total Volume BBI	310.00	

CUSTOMER REPRESENTATIVE Bill Torbett SIGNATURE

JOB SUMMARY			PROJECT NUMBER SOK 2663	TICKET DATE 05/11/13
COUNTY Comanche	State Kansas	COMPANY Bridge Exploration & Produc	CUSTOMER REP Bill Torbett	
LEASE NAME Sally 3420	Well No. 2-12H	JOB TYPE Liner	EMPLOYEE NAME ARTHUR SETZER	

EMP NAME	Arthur Setzer	0.00						
	Jared Green							
	David Thomas							
	Robert Stonehocker							

Form. Name _____ Type: _____
Packer Type _____ Set At **5,706'**
Bottom Hole Temp. **150** Pressure _____
Retainer Depth _____ Total Depth **9,599'**

Date	Called Out 5/10/2013	On Location 5/11/2013	Job Started 5/11/2013	Job Completed 5/11/2013
Time	1800	0600	1130	1500

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

New/Used		Weight	Size	Grade	From	To	Max. Allow
Casing		11.6	4 1/2"		4333	9,599'	
Liner Tool							
HWDP							
Drill Pipe			3 1/2"				
Drill Collars							
Open Hole			6 1/8"		Surface	9,599'	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	WBM	Density	9.1 Lb/Gal
Disp. Fluid	Fresh Water	Density	8.33 Lb/Gal
Spacer type	Fresh Water BBL.		20 8.33
Spacer type	Caustic BBL.		10 8.40
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	
Perfpac Balls	Qty.		
Other			
Other			
Other			
Other			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
5/11	9.0	5/11	4.0	Liner
Total	9.0	Total	4.0	

MAX 3,500 PSI		AVG.
Average Rates in BPM		
MAX 6 BPM		AVG
Cement Left in Pipe		
Reason SHOE JOINT		

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	490	50/50 Premium Poz	4% Gel - 0.4% FL-17 - 0.2% C-51 - 0.1% C-20 - 0.1% C-37 - 0.5% C-41P			
2	0	0		0	0.00	13.60
3	0	0		0	0.00	0.00
					0.00	0.00

Summary							
Preflush Breakdown	10-	Type: Caustic	Preflush: BBI	20.00	Type: 10ppg Barite Space		
		MAXIMUM	Load & Bkdn: Gal - BBI	N/A	Pad:Bbl -Gal	N/A	
		Lost Returns-N	Excess /Return BBI	N/A	Calc. Disp Bbl	112	
Average		Actual TOC	Calc. TOC:	4,697'	Actual Disp.	113.00	
ISIP	5 Min.	Bump Plug PSI:	Final Circ. PSI:	800	Disp:Bbl	113.00	
		10 Min	Cement Slurry: BBI	120.5			
		15 Min	Total Volume BBI	253.54			

CUSTOMER REPRESENTATIVE _____ SIGNATURE _____