



BASIN SERVICES, LLC
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INVOICE

INVOICE NO.: 460
 INVOICE DATE: 08/19/2013

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

YARD: WY WAYNOKA OK
 LEASE: Vogel
 WELL#: 3306 1-1
 RIG #: Horizon 3
 Co/St: HARPER, KS

Tkt # WY-50-1 (10408) 06/15/2013

DESCRIPTION	FOOTAGE	QUANTITY	RATE	AMOUNT
6/15/2013 DRILLED 30" CONDUCTOR HOLE				
6/15/2013 DRILLED 20" MOUSE HOLE (PER FOOT)				
6/15/2013 16" CONDUCTOR PIPE (.250 WALL)				
6/15/2013 MOBILIZATION OF EQUIPMENT & ROAD PERMITTING FEE				
6/15/2013 PROVIDED EQUIPMENT & LABOR TO ASSIST IN PUMPING CONCRETE				500.00
6/15/2013 TAXABLE ITEMS				10,000.00
6/15/2013 BID + TAXABLE ITEMS				
			Sub Total:	10,500.00
			Tax HARPER COUNTY (6.3 %):	31.50
			PLEASE PAY THIS AMOUNT:	<u>\$ 10,531.50</u>

JOB SUMMARY			PROJECT NUMBER SOK 2810	TICKET DATE 06/23/13
COUNTY Harper	State Kansas	COMPANY Bridge Exploration & Produc	CUSTOMER REP Greg Rivera	
LEASE NAME Vogel 3306	Well No. 1-1	JOB TYPE Surface	EMPLOYEE NAME NATHAN COTTA	

EMP NAME	NATHAN COTTA	0					
	WESLEY T.						
	VONTREY W.						
	RICKY S.						

Form. Name _____ Type: _____
 Packer Type _____ Set At **0**
 Bottom Hole Temp. **80** Pressure _____
 Retainer Depth _____ Total Depth **650'**

	Called Out	On Location	Job Started	Job Completed
Date	6.23.13	6.23.13.	6.23.13.	6.23.13
Time	0100	0500	930	1100

Tools and Accessories		
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		24#	8 1/2"		Surface	650'
Liner						
Drill Pipe						
Open Hole			12 1/4"		Surface	650'
Perforations						Shots/Ft.

Materials			
Mud Type	WBM	Density	9 Lb/Gal
Disp. Fluid	Fresh Water	Density	8.33 Lb/Gal
Spacer type	Fresh 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	
6.23.13.	6.0	6.23.13	1.0	Surface
Total	6.0	Total	1.0	

Perfpac Balls _____ Qty. _____
 Other _____
 Other _____
 Other _____
 Other _____

Pressures	
MAX	1,500 PSI
AVG	150
Average Rates in BPM	
MAX	6 BPM
AVG	6
Cement Left in Pipe	
Feet	45
Reason	SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	260	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	0	0		0	0.00	0.00

Summary					
Preflush	10.00	Type:	Fresh Water		
Breakdown		MAXIMUM	1,500 PSI	Load & Bkdn:	Gal - BBI
		Lost Returns-N	NO/FULL	Excess /Return	BBI
		Actual TOC	SURFACE	Calc. TOC:	
Average		Bump Plug PSI:	1,200	Final Circ.	PSI:
		5 Min.	10 Min.	15 Min.	
				Cement Slurry:	BBI
				Total Volume	BBI
					170.00

CUSTOMER REPRESENTATIVE _____

 SIGNATURE

JOB SUMMARY			PROJECT NUMBER SOK 2835	TICKET DATE 07/01/13
COUNTY Harper	State Oklahoma	COMPANY Sandridge Exploration & Production	CUSTOMER REP Greg Rivera	
LEASE NAME Vogel 3306	Well No. 1-1	JOB TYPE Production	EMPLOYEE NAME NATHAN COTTA	

EMP NAME					
NATHAN COTTA		0			
WESLEY T					
VONTREY W					
SCOTT					

Form. Name _____ Type: _____
Packer Type _____ Set At _____ 0
Bottom Hole Temp. **155** Pressure _____
Retainer Depth _____ Total Depth **4963**

Date	Called Out 7.1.13	On Location 7.1.13	Job Started 7.1.13	Job Completed 7.1.13
Time	800	1200	1847	2100

Tools and Accessories		
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		17#	5 1/2"		Surface	
Liner						
Liner						
Tubing			0			
Drill Pipe						
Open Hole			7 1/2"		Surface	4,969
Perforations						
Perforations						
Perforations						

Materials			
	WBM	Density	Lb/Gal
Mud Type		9	
Disp. Fluid	Fresh Water	Density	8.33
Spacer type	resh Wate 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	
7.1.13	9.0	7.1.13	2.0	Production
Total	9.0	Total	2.0	

Pressures			
MAX	5,000 PSI	AVG	200
Average Rates in BPM			
MAX	4.5 BPM	AVG	4
Cement Left in Pipe			
Feet	91	Reason	SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	230	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		0.00	0.00	0.00

Summary							
Preflush	10	Type: Caustic	Preflush: BBI	30.00	Type: 10ppm Barite Spacer		
Breakdown		MAXIMUM	Load & Bkdn: Gal - BBI	N/A	Pad:Bbl -Gal	N/A	
		Lost Returns-N	Excess /Return BBI	N/A	Calc. Disp Bbl	113	
		Actual TOC	Calc. TOC:	3.154	Actual Disp.	113.00	
Average		Bump Plug PSI:	Final Circ. PSI:	900	Disp:Bbl	113.00	
	5 Min	10 Min	Cement Slurry: BBI	80.0			
		15 Min	Total Volume	BBI	223.00		

CUSTOMER REPRESENTATIVE _____ SIGNATURE *Greg Rivera*