



BASIN SERVICES, LLC
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INVOICE

INVOICE NO.: 474
 INVOICE DATE: 08/19/2013

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

YARD: WY WAYNOKA OK
 LEASE: Rock
 WELL#: 3319 2-16H
 RIG #: Lariat 38
 Co/St: COMANCHE, KS

Tkt # WY-71-1 (10308) 07/08/2013-07/09/2013

DESCRIPTION	FOOTAGE	QUANTITY	RATE	AMOUNT
7/8-9/2013 DRILLED 30" CONDUCTOR HOLE				
7/8-9/2013 20" CONDUCTOR PIPE (.250 WALL)				
7/8-9/2013 DRILL & INSTALL 6' X 6' CELLAR TINHORN				
7/8-9/2013 6' X 6' CELLAR TINHORN WITH PROTECTIVE RING				
7/8-9/2013 DRILLED 20" MOUSE HOLE (PER FOOT)				
7/8-9/2013 16" CONDUCTOR PIPE (.250 WALL)				
7/8-9/2013 MOBILIZATION OF EQUIPMENT & ROAD PERMITTING FEE				
7/8-9/2013 WELDING SERVICES FOR PIPE & LIDS				
7/8-9/2013 PROVIDED EQUIPMENT & LABOR TO ASSIST IN PUMPING CONCRETE				
7/8-9/2013 PROVIDED METAL LIDS (1 FOR CONDUCTOR & 2 FOR MOUSEHOLE PIPE)				
7/8-9/2013 SAFETY FENCING AROUND WELL				
7/8-9/2013 10 SACK GROUT				
7/8-9/2013 TAXABLE ITEMS				
7/8-9/2013 BID - TAXABLE ITEMS				

Sub Total:
 Tax COMANCHE COUNTY (6.3 %):
 PLEASE PAY THIS AMOUNT:

JOB SUMMARY			PROJECT NUMBER SOK 2877	TICKET DATE 07/13/13
COUNTY Comanche	State Kansas	COMPANY Bridge Exploration & Produc	CUSTOMER REP Felix Ortiz Jr	
LEASE NAME Rock 3319	Well No. 2-16H	JOB TYPE Surface	EMPLOYEE NAME John Hall	

EMP NAME John Hall					
Rocky Anthis					
Joseph Klemm					
Roy Morris					

Form. Name _____ Type: _____

Packer Type _____ Set At **0**

Bottom Hole Temp. **80** Pressure _____

Retainer Depth _____ Total Depth **999**

	Called Out	On Location	Job Started	Job Completed
Date	7/13/2013	7/13/2013	7/13/2013	7/14/2013
Time	630	2130	2200	000

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	
Casing		36#	9 5/8"		Surface
Liner					
Liner					
Tubing			0		
Drill Pipe					
Open Hole			12 1/4"		Surface
Perforations					993
Perforations					Shots/Ft.
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	

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	Surface
7/13	3.0	7/14	1.0	
Total	3.0	Total	1.0	

Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

Pressures	
MAX	1,500 PSI
AVG.	
Average Rates in BPM	
MAX	6 BPM
AVG.	
Cement Left in Pipe	
Feet	46
Reason	SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	420	EX Lite Premium Plus 65	(6% Gel) 2% Calcium Chloride - 1/2pps Cello-Flake - .5% C-41P	10.88	1.84	12.70
2	170	Premium Plus (Class C)	2% Calcium Chloride - 1/2pps 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	10	Type:	water	Preflush:	BBI	10.00	Type:	Fresh Water
Breakdown		MAXIMUM	1,500 PSI	Load & Bkdn:	Gal - BBI	N/A	Pad:Bbl -Gal	N/A
		Lost Returns-N	NO/FULL	Excess /Return	BBI	85	Calc.Disp Bbl	74
		Actual TOC	SURFACE	Calc. TOC:		SURFACE	Actual Disp.	73.60
Average		Bump Plug PSI:	1,000	Final Circ.	PSI:	N/A	Disp:Bbl	73.60
S:P	5 Min	10 Min		Cement Slurr:	BBI	177.5		
		15 Min		Total Volume	BBI	261.10		

CUSTOMER REPRESENTATIVE _____ *Felix Ortiz Jr* SIGNATURE

JOB SUMMARY			PROJECT NUMBER SOK 2903	TICKET DATE 07/20/13
COUNTY Comanche	State Oklahoma	COMPANY Sandridge Exploration & Production	CUSTOMER REP Felix Ortiz Jr	
LEASE NAME Rock 3319	Well No. 2-16H	JOB TYPE Intermediate	EMPLOYEE NAME LOUIS ARNEY	

EMP NAME					
L. ARNET	0				
M. QUINTANA					
R. SYONEHOCKER					
D. TEWELL					

Form. Name _____ Type: _____

Packer Type _____ Set At **4,560'**

Bottom Hole Temp. **155** Pressure _____

Retainer Depth _____ Total Depth **6,070'**

Date	Called Out 7/19/2013	On Location 7/20/2013	Job Started 7/20/2013	Job Completed 7/20/2013
Time	2000	0000	0604	0800

Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Va	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		26#	7"		Surface		5,000
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			8 1/2"		Surface	6,080'	Shots/Ft.
Perforations							
Perforations							
Perforations							

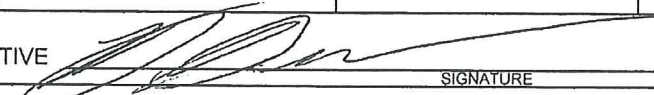
Materials			
Mud Type	WBM	Density	9 Lb/Gal
Disp. Fluid	Fresh Water	Density	8.33 Lb/Gal
Spacer type	Fresh Water	BBL.	20 8.33
Spacer type	Caustic	BBL.	10 8.40
Acid Type	Gal.	%	
Acid Type	Gal.	%	
Surfactant	Gal.	In	
NE Agent	Gal.	In	
Fluid Loss	Gal/Lb	In	
Gelling Agent	Gal/Lb	In	
Fric. Red.	Gal/Lb	In	
MISC.	Gal/Lb	In	
Perfpac Balls	Qty.		
Other			
Other			
Other			
Other			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
7/20	8.0	7/20	2.0	Intermediate
Total	8.0	Total	2.0	

Pressures	
MAX	5,000 PSI
AVG.	350
Average Rates in BPM	
MAX	8 BPM
AVG	6
Cement Left in Pi	92
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 - 0.6% 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	5,000 PSI	Load & Bkdn: Gal - BBI	N/A	Pad:Bbl -Gal N/A
	Lost Returns	NO/FULL	Excess /Return BBI	N/A	Calc.Disp Bbl 229
	Actual TOC		Calc. TOC:	4,320	Actual Disp. 227.00
Average	Bump Plug PSI:	1,360	Final Circ. PSI:	810	Disp:Bbl
ISIP	5 Min.	10 Min	Cement Slurry BBI	78.0	
		15 Min	Total Volume BBI	335.00	

CUSTOMER REPRESENTATIVE  SIGNATURE