

JOB SUMMARY			PROJECT NUMBER SOK 4115	TRIPLET DATE 08/27/14
COUNTY Harper	State Oklahoma	COMPANY Bridge Exploration & Produc	CUSTOMER REP Audie Miller	
LEASE NAME Rocky SWD 3306	Well No. 1-16	JOB TYPE Surface	EMPLOYEE NAME Joseph Klemm	

EMP NAME					
Joseph Klemm	0				
Cody Bonitz					
Randall Irvin					
Dustin Odom					

Form. Name _____ Type: _____

Packer Type _____ Set At **0**

Bottom Hole Temp. **80** Pressure _____

Retainer Depth _____ Total Depth **727**

Date	Called Out 8/26/2014	On Location 8/26/2014	Job Started 8/26/2014	Job Completed 8/27/2014
Time	1730	2030	2100	0200

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

Well Data							
	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing		45.5#	10 1/2"		Surface	727	2,000
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			14 1/4"		Surface	727	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.	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	
8/26	5.5	8/27	5.0	Surface
Total	5.5	Total	5.0	

Perfpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Other _____

Pressures			
MAX	2000 PSI	AVG.	150
Average Rates in BPM			
MAX	5 BPM	AVG	4.5
Cement Left in Pipe			
Feet	46	Reason	SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	350	TEX Lite Premium Plus 65	(6% Gel) 2% Calcium Chloride - 1/4pps Cello-Flake - .4% C-41P	11.11	2.01	12.40
2	230	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 Breakdown	_____	Type: _____	MAXIMUM _____	2000 PSI	Preflush: BBI _____	10.00	Type: Fresh Water
	_____	Lost Returns _____	NO/FULL _____		Load & Bkdn: Gal - BBI _____	N/A	Pad:Bbl -Gal _____
	_____	Actual TOC _____	SURFACE _____		Excess /Return BBI _____	87	Calc.Disp Bbl _____
Average	_____	Bump Plug PSI: _____	700		Calc. TOC: _____	SURFACE	Actual Disp. _____
ISIP _____	5 Min. _____	10 Min. _____	15 Min. _____		Final Circ. PSI: _____	250	Disp:Bbl _____
					Cement Slurry BBI _____	179.2	
					Total Volume BBI _____	255/20	

CUSTOMER REPRESENTATIVE Audie Miller SIGNATURE _____

JOB SUMMARY			PROJECT NUMBER SOK 4153	TICKET DATE 09/05/14
COUNTY Harper	STATE Kansas	COMPANY Sandridge Exploration & Production	CUSTOMER REP Audie Miller	
LEASE NAME Rocky SWD 3306	Well No. 1-16	JOB TYPE Intermediate	EMPLOYEE NAME Arthur Setzer	

EMP NAME	0				
Arthur Setzer					
Jared Green					
Don Brown					
Frank Reeves					

Form. Name _____ Type: _____
Packer Type _____ Set At 0
Bottom Hole Temp. 155 Pressure _____
Retainer Depth _____ Total Depth 5,140'

	Called Out	On Location	Job Started	Job Completed
Date	9/4/2014	9/4/2014	9/5/2014	9/5/2014
Time	1500	2100	0020	0300

Tools and Accessories		
Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Valve	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		29.7#	7 5/8		Surface	5,114
Liner						
Liner						
Tubing			0			
Drill Pipe						
Open Hole			8 7/8"		Surface	5,140'
Perforations						
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.		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	
9/4	3.0	9/5	3.0	Intermediate
9/5	3.0			
Total	6.0	Total	3.0	

Pressures	
MAX	5,000 PSI
AVG	600
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	300	50/50 POZ PREMIUM	4% Gel - 0.2% FL-17 - 0.1% C-51 - 0.2% C-20 - 0.1% C-37 - 0.4% C-41P	6.93	1.43	13.60
2	140	Premium	0.2% FL-17 - 0.1% C-51 - 0.1% C-20 - 0.4% C-41P	5.19	1.19	15.60
3	0	0		0	0.00	0.00

Summary					
Preflush Breakdown	Type: _____	MAXIMUM	5,000 PSI	Preflush: BBI	30.00
	Lost Returns-1	NO/FULL		Load & Bkdn: Gal - BBI	N/A
	Actual TOC		5,114	Excess /Return BBI	N/A
Average	Bump Plug PSI:		1,500	Calc. TOC:	surface
ISIP 5 Min.	10 Min		15 Min	Final Circ. PSI:	600
				Cement Slurry BBI	106.0
				Total Volume BBI	366.00

CUSTOMER REPRESENTATIVE _____ SIGNATURE _____



INVOICE

DATE	INVOICE #
8/22/2014	5040

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
HARPER, KS	8/19/2014	3944	TOMCAT 2	ROCKY SWD 3306 1-16	Due on rec..

Description

DRILLED 90' OF 30" CONDUCTOR HOLE
 DRILLED 6' OF 76" HOLE
 FURNISHED AND SET 6' X 6' TINHORN CELLAR
 FURNISHED 90' OF 20" CONDUCTOR PIPE
 FURNISHED MUD, WATER, AND TRUCKING
 FURNISHED WELDER AND MATERIALS
 FURNISHED 9 YARDS OF 10 SACK GROUT FOR CONDUCTOR HOLE
 FURNISHED 4 YARDS OF 10 SACK GROUT FOR MOUSE HOLE
 FURNISHED GROUT PUMP
 DRILL RAT AND MOUSE HOLES
 FURNISHED 60' OF 16" CONDUCTOR PIPE FOR RAT AND MOUSE HOLES

TOTAL BID \$15,175.00

AFE Number: DC # 209
 Well Name: Rocky SWD 3306 1-16
 Code: 850.010
 Amount: \$15,327.03
 Co. Man: Quincy Loyler
 Co. Man Sig.: [Signature]
 Notes: _____

Sales Tax (6.15%)	\$152.03
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TOTAL	\$15,327.03
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