

JOB SUMMARY			PROJECT NUMBER SOK 3675	TICKET DATE 05/02/14
COUNTY Sumner	State Kansas	COMPANY Bridge Exploration & Produc	CUSTOMER REP Luiz	
LEASE NAME Barbara 3404	Well No. 1-4H	JOB TYPE Surface	EMPLOYEE NAME Bryan Douglas	

EMP NAME					
Bryan Douglas					
Rocky Anthis					
Flo Helkena					
Paul Thomas					

Form. Name _____ Type: _____
 Packer Type _____ Set At _____ 0
 Bottom Hole Temp. _____ 80 Pressure _____
 Retainer Depth _____ Total Depth _____ 500'

	Called Out	On Location	Job Started	Job Completed
Date	5/2/2014	5/2/2014	5/2/2014	5/2/2014
Time	0000	0200	1200	1400

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	500'
Liner					
Liner					
Tubing		0			
Drill Pipe					
Open Hole		12 1/4"		Surface	500'
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 Wate 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	
5/2	12.0	5/2	2.0	Surface
				1/2 BBL BACK
				34 BBLs CEMENT BACK
Total	12.0	Total	2.0	

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

Pressures	
MAX	1,500 PSI
AVG	200
Average Rates in BPM	
MAX	6 BPM
AVG	4
Cement Left in Pipe	
Feet	46
Reason	SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	100	Tex Lite 65/35 Poz: Class	6% Total Gel - 2% Calcium Chloride - 0.4% C-41P - 1/4pps Cello-Flake	11.11	2.01	12.40
2	160	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 Breakdown	10	Type: MAXIMUM	Fresh Water	Preflush: BBI	10.00
		Lost Returns-n	1,500 PSI	Load & Bkdn: Gal - BBI	N/A
		Actual TOC	NO/FULL	Excess /Return BBI	34
Average		Bump Plug PSI:	SURFACE	Calc. TOC:	SURFACE
ISIP	5 Min.	10 Min.	900	Final Circ. PSI:	400
		15 Min.		Cement Slurry: BBI	73.4
				Total Volume BBI	117.12

CUSTOMER REPRESENTATIVE Luiz Abilio SIGNATURE Jim Abadio

JOB SUMMARY			PROJECT NUMBER SOK 3716	TICKET DATE 05/13/14
COUNTY Sumner	State Kansas	COMPANY Sandridge Exploration & Production	CUSTOMER REP Jase	
LEASE NAME Barbara 3404	Well No. 1-4H	JOB TYPE Intermediate	EMPLOYEE NAME Bryan Douglas	

EMP NAME	Bryan Douglas	0					
	Rocky Anthis						
	Flo Helkena						
	Danny Tewell						

Form. Name _____ Type: _____
 Packer Type _____ Set At _____ 0
 Bottom Hole Temp. _____ 155 Pressure _____
 Retainer Depth _____ Total Depth _____ 5,345'

Date	Called Out	On Location	Job Started	Job Completed
	5/12/2014	5/12/2014	5/12/2014	5/12/2014
Time	1700	1900	0200	0500

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 1/4"		Surface	5,353'
Perforations						Shots/Ft.
Perforations						
Perforations						

Materials			
Mud Type	WBM	Density	Lb/Gal
Disp. Fluid	Fresh Water	8.33	
Spacer type	Gel	BBL. 30	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	
5/12	10.0	5/12	3.0	Intermediate
				1 BBL BACK
Total	10.0	Total	3.0	

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

Pressures		
MAX	5,000 PSI	AVG. 200
Average Rates in BPM		
MAX	8 BPM	AVG 4
Cement Left in Pipe		
Feet	44	Reason SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	265	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	115	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	30	Type: Gel	Preflush: BBI	30.00	Type: Gel Spacer
Breakdown		MAXIMUM 5,000 PSI	Load & Bkdn: Gal - BBI	N/A	Pad: Bbl - Gal N/A
		Lost Returns-N NO/FULL	Excess /Return BBI	N/A	Calc. Disp Bbl 203
		Actual TOC 1.985	Calc. TOC:	1.985	Actual Disp. 203.04
Average		Bump Plug PSI: 1,300	Final Circ. PSI:	800	Disp: Bbl 203.04
ISIP	5 Min. 10 Min. 15 Min.		Cement Slurry: BBI	91.9	
			Total Volume BBI	324.90	

CUSTOMER REPRESENTATIVE Jase Bradley SIGNATURE