

JOB SUMMARY			PROJECT NUMBER SOK 5079	TICKET DATE 05/08/15
COUNTY Harper	State Kansas	COMPANY Sandridge Exploration & Production	CUSTOMER REP 0	
LEASE NAME Schnackenberg 3408	Well No. 1-23H14	JOB TYPE Intermediate	EMPLOYEE NAME Mike Hall	

EMP NAME	0				
Mike Hall					
Cheryl Newton					
Joe Colonnese					
Donnie Brown					

Form. Name _____ Type: _____
Packer Type _____ Set At **0**
Bottom Hole Temp. **155** Pressure _____
Retainer Depth _____ Total Depth **5,229'**

Date	Called Out 5/8/2015	On Location 5/8/2015	Job Started 5/8/2015	Job Completed 5/8/2015
Time		0900	1400	1600

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 3/4"		Surface	5,229'	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	WBM	Density	9 Lb/Gal
Disp. Fluid	Fresh Water	Density	8.33 Lb/Gal
Spacer type	Gel	BBL.	30
Spacer type	BBL.		8.60
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	
5/8	7.0	5/8	1.0	Intermediate
Total	7.0	Total	1.0	

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

Pressures			
MAX	5,000 PSI	AVG.	500
Average Rates in BPM			
MAX	8 BPM	AVG	4.5
Cement Left in Pipe			
Feet	50'	Reason	SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	190	50/50 POZ PREMIUM	4% Gel - 0.2% FL-17 - 0.1% C-51 - 0.3% C-20 - 0.1% C-37 - 0.2% X-Air	6.93	1.43	13.60
2	100	Premium	0.2% FL-17 - 0.1% C-51 - 0.15% C-20 - 0.2% X-Air	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-N	NO/FULL		Load & Bkdn: Gal - BBI	N/A
	Actual TOC	2,722		Excess /Return BBI	N/A
Average	Bump Plug PSI:	1,500		Calc. TOC:	2,722
ISP	5 Min.	10 Min.	15 Min.	Final Circ. PSI:	950
				Cement Slurry BBI	69.0
				Total Volume BBI	292.00
				Type: Gel Spacer	
				Pad:Bbl -Gal	N/A
				Calc.Disp Bbl	193
				Actual Disp.	193.00
				Disp:Bbl	193.00

CUSTOMER REPRESENTATIVE  SIGNATURE _____

JOB SUMMARY			PROJECT NUMBER SOK 5067	TICKET DATE 05/03/15
COUNTY Harper	State Kansas	COMPANY Dridge Exploration & Produc	CUSTOMER REP 0	
LEASE NAME Schnackenberg 3408	Well No. 1-23H14	JOB TYPE Surface	EMPLOYEE NAME Joseph Klemm	

EMP NAME					
Joseph Klemm		0			
Cody Bonitz					
Blake Hayworth					
David Settlemier					

Form. Name _____ Type: _____
Packer Type _____ Set At _____ 0
Bottom Hole Temp. 80 Pressure _____
Retainer Depth _____ Total Depth 778

Date	Called Out 5/3/2015	On Location 5/3/2015	Job Started 5/3/2015	Job Completed 5/4/2015
Time	1300	1530	1830	0000

Tools and Accessories		
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
Casing		36#	9 5/8"		Surface	778
Liner						
Liner						
Tubing			0			
Drill Pipe						
Open Hole			12 1/4"		Surface	778
Perforations						Shots/Ft.
Perforations						
Perforations						

Materials			
	WBM	Density	Lb/Gal
Mud Type		9	
Disp. Fluid	Fresh Water	Density	8.33
Spacer type	Fresh Water BBL.		10
Spacer type	BBL.		8.33
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	
5/3	8.5	5/4	5.5	Surface
Total	8.5	Total	5.5	

Pressures			
MAX	2000 psi	AVG.	180
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	230	TEX Lite Premium Plus 65	(6% Gel) 2% Calcium Chloride - 1/4pps Cello-Flake - 0.2% X-Air	11.11	2.01	12.40
2	160	Premium Plus (Class C)	2% Calcium Chloride - 1/4pps Cello-Flake	6.32	1.32	14.80
3	0	0		0.00	0.00	0.00

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 N/A
	Actual TOC	SURFACE		Excess /Return	BBI	65	Calc.Disp Bbl 57
Average	Bump Plug PSI:	850		Calc. TOC:		SURFACE	Actual Disp. 57.00
ISIP 5 Min.	10 Min	15 Min		Final Circ.	PSI:	300	Disp:Bbl 57.00
				Cement Slurry	BBI	119.9	
				Total Volume	BBI	186.90	

CUSTOMER REPRESENTATIVE

Robert [Signature]

SIGNATURE