JOB SUMMARY

PROJECT NUMBER	TICKET DATE
SOK 3805	06/04/14

COUNTY	State	COMPANY	CUSTOMER REP
Harper	Kansas	dridge Exploration & Produc	Don Waight

LEASE NAME	Well No.	JOB TYPE	EMPLOYEE NAME
Bob 3508	1-4H	Surface	marcos quintana

EMP NAME							
Marcos Quintana		0					
Wallace Berry							
David Settlemier							
0.00							

Form. Name _____ Type: _____

Packer Type _____ Set At 0

Bottom Hole Temp. 80 Pressure _____

Retainer Depth _____ Total Depth 800

	Called Out	On Location	Job Started	Job Completed
Date	6/4/2014	6/4/2014	6/4/2014	6/4/2014
Time	0500	0800	1255	1358

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	From	To	Max. Allow
Casing		36#	9⅝"	Surface	800	1,500
Liner						
Liner						
Tubing			0			
Drill Pipe						
Open Hole			12¼"	Surface	800	Shots/Ft.
Perforations						
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	

Perfpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Other _____

Hours On Location

Date	Hours
6/4	6.0
Total	6.0

Operating Hours

Date	Hours
6/4	1.0
Total	1.0

Description of Job

Surface

Pressures

MAX 1,500 PSI AVG. 100

Average Rates in BPM

MAX 6 BPM AVG 5bbls

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 - ¼pps Cello-Flake - .4% C-41P	11.11	2.01	12.40
2	160	Premium Plus (Class C)	2% Calcium Chloride - ¼pps 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		Type:		Preflush: BBl	10.00	Type:	Fresh Water
Breakdown		MAXIMUM	1,500 PSI	Load & Bkdn: Gal - BBl	N/A	Pad:Bbl -Gal	N/A
		Lost Returns-N	NO/FULL	Excess /Return BBl	62	Calc.Disp Bbl	55
		Actual TOC	SURFACE	Calc. TOC:	SURFACE	Actual Disp.	55.00
Average		Bump Plug PSI:	500	Final Circ. PSI:	120	Disp:Bbl	
ISIP _____ 5 Min. _____		10 Min _____	15 Min _____	Cement Slurry: BBl	120.0		
				Total Volume BBl	185.00		

CUSTOMER REPRESENTATIVE _____ SIGNATURE

Don Waight

JOB SUMMARY

PROJECT NUMBER: SOK 3833	TICKET DATE: 06/11/14		
COUNTY: Harper	State: Kansas	COMPANY: Sandridge Exploration & Production	CUSTOMER REP: Don Waight
LEASE NAME: Bob 3508	Well No.: 1-4H	JOB TYPE: Intermediate	EMPLOYEE NAME: Arthur Setzer

EMP NAME			
Arthur Setzer	Don Brown		
Jared Green			
Cody Bonitz			
Frank Reeves			

Form. Name _____ Type: _____

Packer Type _____ Set At 0

Bottom Hole Temp. 155 Pressure _____

Retainer Depth _____ Total Depth 5,556'

	Called Out	On Location	Job Started	Job Completed
Date	6/10/2014	6/11/2014	6/11/2014	6/11/2014
Time	2200	0600	0640	0830

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	Max. Allow
Casing		26#	7"		Surface	5,500	5,000
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			8¾"		Surface	5,556'	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 Wate	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

Date	Hours
6/11	3.0
Total	3.0

Operating Hours

Date	Hours
6/11	2.0
Total	2.0

Description of Job

Intermediate

Pressures

MAX 5,000 PSI AVG. 1500

Average Rates in BPM

MAX 8 BPM AVG 7

Cement Left in Pipe

Feet 44 Reason SHOE JOINT

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	240	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	100	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	0.00

Summary

Preflush	10	Type:	Caustic	Preflush: BBl	30.00
Breakdown		MAXIMUM	5,000 PSI	Load & Bkdn: Gal - BBl	N/A
		Lost Returns-I	NO/FULL	Excess /Return BBl	N/A
		Actual TOC		Calc. TOC:	2,700
Average		Bump Plug PSI:	1,500	Final Circ. PSI:	900
ISIP	5 Min.	10 Min	15 Min	Cement Slurry BBl	82.0
				Total Volume BBl	321.00

Type:	Gel Spacer
Pad:Bbl -Gal	N/A
Calc.Disp Bbl	209
Actual Disp.	209.00
Disp:Bbl	209.00

CUSTOMER REPRESENTATIVE _____ SIGNATURE

Don Waight

JOB LOG

PROJECT NUMBER: SOK 3833		TICKET DATE: 06/11/14	
COMPANY: Sandridge Exploration & Production	COUNTRY: USA	STATE: Kansas	COUNTY: Harper
LEASE NAME: Bob 3508 1-4H Well No.	EMPLOYEE NAME: Arthur Setzer	CUSTOMER REP: Don Waight	
FIELD: Harper	SEC / TWP / RNG: 4/35S/8W	TICKET AMOUNT: 13,832.75	
API/UWI #: 15-077-22017-01-00	JOB PURPOSE: Intermediate	WELL TYPE: Oil & Gas	

	Time	Rate (BPM)	Volume (BBL)(GAL)		Press.(PSI) CSG.	Press.(PSI) Tbg	Job Description / Remarks
6/11/2014	0600						arrived on location
	0605						safety meeting
	0615						rig up
	0640					5000	pressure test pump and lines
	0642	4.0	30		200		pump spacer
	0650	5.0	61.0		175		pump lead slurry
	0700	5.0	21.0		175		pump tail slurry
	0710						shut down - drop plug
	0712	7.0	199.0		1100		start displacement
	0740	3.0	10.0		900		slow to land
	0747				1500		land plug
	0754				held		check floats
	0800						rig down
	0830						job complete

Bumped Plug	Final lift Psi	Floats Held	PSI ON CSG		CEMENT SURFACE	

SUPERVISOR SIGNITURE

X_____