

Notice of Conductor Pipe Installation

Installation Company Information

Firm Name	Koda Services, Inc.
Mailing Address	P O Box 66
City	Woodward
State	OK
Zip	73802

Well Operator Information

Operator name	Sandridge Energy
Mailing Address	P O Box 1748
City	Oklahoma City
State	OK
Zip	73102

Well Information

Well Name	Shea 2-17 SWD
Rig	Lamunyon #1

Installation Details

Pipe Size	20"
Depth	90'
Completion Method	Circulate 11.5 yards grout to surface via conductor
Date installed	1/31/2012

JOB SUMMARY			PROJECT NUMBER SOK1191	TICKET DATE 02/04/12
COUNTRY Harper	State Kansas	COMPANY Sandridge Exp and Production	CUSTOMER REP Bill Tomlinson	
LEASE NAME Shea SWD	Well No. 2-17	JOB TYPE Surface	EMPLOYEE NAME Matt Wilson	

EMP NAME					
Matt Wilson					
Jayson Pierce					
David Setlmyer					
David Thomas					

Form. Name _____ Type: _____

Packer Type _____ Set At **0**

Bottom Hole Temp. **80** Pressure _____

Retainer Depth _____ Total Depth **850'**

Date	Called Out 2/3/2012	On Location 2/4/2012	Job Started 2/4/2012	Job Completed 2/4/2012
Time	7:00 pm	4:00 am	6:13 am	8:00 am

Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Val	0	IR
Centralizers	0	IR
Top Plug	1	IR
HEAD	1	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		36.0	9 5/8		Surface	860	1,500
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			12 1/4"		Surface	850'	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
	WBM	Density	Lb/Gal
Mud Type		9	
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.		ln
NE Agent	Gal.		ln
Fluid Loss	Gal/Lb		ln
Gelling Agent	Gal/Lb		ln
Fric. Red.	Gal/Lb		ln
MISC.	Gal/Lb		ln

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
2/4	4.0	2/4	4.0	Surface
Total	4.0	Total	4.0	

Perfpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Other _____

Pressures	
MAX	1,500 PSI
AVG	175
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	360	O-Tex Lite Standard	(6%Gel) 2% Calcium Chloride - 1/4 lb/sk Cellflake - 0.5% C-41P	10.88	1.84	12.70
2	180	Standard	2% Calcium Chloride - 1/4 lb/sk Celloflake	5.20	1.18	15.60
3	100	Standard	2% Calcium Chloride on the side	5.20	1.18	15.60

Summary					
Preflush	10.00	Type:	FRESH WATER	Preflush:	BBI
Breakdown		MAXIMUM	1,500 PSI	Load & Bkdn:	Gal - BBI
		Lost Returns-N	NO/FULL	Excess /Return	BBI
		Actual TOC	SURFACE	Calc. TOC:	
Average		Bump Plug PSI:		Final Circ.	PSI:
1500	5 Min.	10 Min.	15 Min.	Cement Slurry:	BBI
				Total Volume	BBI
					225.80

CUSTOMER REPRESENTATIVE Bill Tomlinson SIGNATURE

JOB SUMMARY			PROJECT NUMBER SOK1206	TICKET DATE 02/09/12
COUNTY Harper	State Kansas	COMPANY Sandridge Exp and Prod	CUSTOMER REP Bill Tomlinson	
LEASE NAME Shea SWD	Well No. 2-17	JOB TYPE Intermediate	EMPLOYEE NAME LOUIS ARNEY	

EMP NAME	LOUIS ARNEY				
	JASON JONES				
	BILLY TAFF				
	MARCOS QUINTANA				

Form. Name _____ Type: _____

Packer Type _____ Set At 0

Bottom Hole Temp. 0 Pressure _____

Retainer Depth _____ Total Depth 5730

	Called Out	On Location	Job Started	Job Completed
Date	2/10/2012	2/10/2012	2/10/2012	2/10/2012
Time	5:00	8:45	9:37	10:51

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		26.0	7		Surface		
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			8 3/4		Surface	5,730	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials

Mud Type	WBM	Density	9	Lb/Gal
Disp. Fluid	H2O	Density	8.33	Lb/Gal
Spacer type	BBL.			
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	
2/10	3.0	2/10	1.2	Intermediate
Total	3.0	Total	1.2	

Perpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Other _____

Pressures

MAX	5000	AVG	500
Average Rates in BPM			
MAX	8	AVG	6
Cement Left in Pipe			
Feet	39	Reason	SHOE JOINT

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	325	50/50 POZ PREMIUM	4% Gel - 0.4% C-12 - 0.1% C-37 - 0.5% C-41P - 2 lb/sk Phenoseal	6.77	1.44	13.60
2	0	0		0	0.00	0.00
3	0	0		0	0.00	0.00

Summary

Preflush	<u>10</u>	Type:	CAUSTIC WATER	Preflush:	BBI	<u>20.00</u>	Type:	FRESH WATER
Breakdown		MAXIMUM		Load & Bkdn:	Gal - BBI		Pad:Bbl -Gal	
		Lost Returns-N	FULL RETURNS	Excess /Return	BBI	0	Calc.Disp Bbl	
		Actual TOC		Calc. TOC:		3,510	Actual Disp.	<u>218.00</u>
Average		Frac. Gradient		Treatment:	Gal - BBI		Disp:Bbl	
ISIP	5 Min.	10 Min	15 Min	Cement Slurry:	BBI	<u>85.0</u>		
				Total Volume	BBI	<u>323.00</u>		

CUSTOMER REPRESENTATIVE *Rana Beckel* SIGNATURE