



SandRidge Energy
Lee #3306 1-34 H
Gray County, KS.

1.0 Executive Summary

Allied Oil & Gas Services would like to thank you for the award of the provision of cementing products and services on the well Lee #3306 1-34 Surface Casing.

A pre-job meeting was held to discuss job details, review the safety hazards, potential environmental impact and established emergency procedures.

Allied started the job testing lines to 2000 psi. After a successful test we began the job by pumping 10 bbls of preflush spacer. We then mixed and pumped the following cements:

70 Bbls (210 sacks) of 12.7 ppg Lead slurry:
65:35 Class A:Poz Blend - 1.87 Yield
6.0% Gel
2.0% cc
¼# floseal

32 Bbls (150 sacks) of 15.6 ppg Tail slurry:
Class A - 1.20 Yield
2.0% cc
¼# floseal

The top plug was then released and displaced with 50 of fresh water. The plug bumped and pressured up to 900 psi. Pressure was released and floats held.

All real time data is shown on the graph in the attachment section.

Allied Oil & Gas Services remains committed to provide operational excellence and superior product performance. All comments and suggestions are greatly appreciated and help us to continue to provide this level of service.

Again we want to thank you for the opportunity to perform these and your future cementing & acidizing service needs.



SandRidge Energy
Lee #3306 1-34 H
Harper County, KS.

1.0 Executive Summary

Allied Oil & Gas Services would like to thank you for the award of the provision of cementing products and services on the well Lee #3306 1-34 Casing.

A pre-job meeting was held to discuss job details, review the safety hazards, potential environmental impact and established emergency procedures.

Allied started the job testing lines to 3000 psi. After a successful test we began the job by pumping 30 bbls of preflush spacer. We then mixed and pumped the following cements:

60 Bbls (240 sacks) of 13.6 ppg Lead slurry:
50:50 Class A:Poz Blend - 1.4 Yield
2.0% Gel
0.4% FL-160
0.1% SA-51

21Bbls (100 sacks) of 15.6 ppg Tail slurry:
Class A - 1.18 Yield
0.8% FL-160
0.2% CD-31

The top plug was then released and displaced with 200.5 of fresh water. The plug bumped and pressured up to 1400 psi. Pressure was released and floats held.

All real time data is shown on the graph in the attachment section.

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Again we want to thank you for the opportunity to perform these and your future cementing & acidizing service needs.



INVOICE

DATE	INVOICE #
1/15/2014	4490

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	1/9/2014	3434	LARIAT 20	LEE 3306 1-34H	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 8 YARDS OF GRADE A CEMENT FURNISHED GROUT PUMP DRILL MOUSE HOLES FURNISHED 80' OF 14" CONDUCTOR PIPE TOTAL BID \$19,000.00	

Sales Tax (6.15%)	\$153.26
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TOTAL	\$19,153.26
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