



SandRidge Energy
Nicole #3406 2-33H
Comanche 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 Nicole #3406 2-33H 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 2500 psi. After a successful test we began the job by pumping 10 bbls of preflush spacer. We then mixed and pumped the following cements:

83 Bbls (230 sacks) of 12.7 ppg Lead slurry:
Class A poz Blend Yeild 1.87
6% Gel
2% CC
¼# Floseal

32 Bbls (150 sacks) of 15.6 ppg Tail slurry
Class A Yeild 1.20
2% CC
¼ # Floseal

The top plug was then released and displaced with 51 Bbls of fresh water. The plug bumped and pressured up to 1100 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
Nicole 3406 2-33H
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 Nicole #3406 2-33H Intermediate 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 3500 psi. After a successful test we began the job by pumping 30 Bbls of Super Flush spacer. We then mixed and pumped the following cements:

62.34 Bbls (250 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

21.01 Bbls (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 210 Bbl of fresh water. The plug bumped and pressured up to 1550 psi. Pressure was released and floats held.

Due to technical difficulties a chart could not be generated for this job.

Allied Oil & Gas Services remains committed to provide operational excellence and superior product performance. All comments and suggestion 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



INVOICE

DATE	INVOICE #
9/22/2014	5110

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	9/16/2014	3984	NOMAC 52	NICOLE 3406 2-33H	Due on rec...

Description

DRILLED 100' OF 30" CONDUCTOR HOLE
 DRILLED 7' OF 76" HOLE
 FURNISHED AND SET 6' X 6' TINHORN CELLAR
 FURNISHED 100' OF 20" CONDUCTOR PIPE
 FURNISHED MUD, WATER, AND TRUCKING
 FURNISHED WELDER AND MATERIALS
 FURNISHED 10 YARDS OF 10 SACK GROUT FOR CONDUCTOR HOLE
 FURNISHED 4 YARDS OF 10 SACK GROUT FOR MOUSE HOLE
 FURNISHED GROUT PUMP
 DRILL MOUSE HOLE
 FURNISHED 50' OF 16" CONDUCTOR PIPE

TOTAL BID \$21,250.00

Sales Tax (6.15%)	\$251.66
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TOTAL	\$21,501.66
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