



**INVOICE**

DATE	INVOICE #
12/5/2014	5320

<b>BILL TO</b>
SANDRIDGE ENERGY, INC. ATTN: PURCHASING MANAGER 123 ROBERT S. KERR AVENUE OKLAHOMA CITY, OK 73102

<b>REMIT TO</b>
EDGE SERVICES, INC. PO BOX 609 WOODWARD, OK 73802

COUNTY	Start Date	End Date	Work Order	Rig Number	LEASE NAME	Terms
HARPER, KS	12/3/2014		3874	TOMCAT 2	YETI SWD 3408 1-15	Due on rec...

**Description**

DRILLED 80' OF 30" CONDUCTOR HOLE  
 DRILLED 6' OF 76" HOLE  
 FURNISHED AND SET 6' X 6' TINHORN CELLAR  
 FURNISHED 80' OF 20" CONDUCTOR PIPE  
 FURNISHED MUD, WATER, AND TRUCKING  
 FURNISHED WELDER AND MATERIALS  
 FURNISHED 8 YARDS OF 10 SACK GROUT FOR CONDUCTOR HOLE  
 FURNISHED 4 YARDS OF 10 SACK GROUT FOR MOUSE HOLE  
 FURNISHED GROUT PUMP  
 DRILL RAT AND MOUSE HOLES  
 FURNISHED 60' OF 16" CONDUCTOR PIPE

TOTAL BID \$13,800.00

AFE Number: DC 14354  
 Well Name: Yeti SWD 3408 1-15  
 Code: B50. 010  
 Amount: \$14,021.52  
 Co. Man: Billy's Smart for John Fortune  
 Co. Man Sig.: \_\_\_\_\_  
 Notes: \_\_\_\_\_

Sales Tax (6.15%) \$221.52

**TOTAL** \$14,021.52



SandRidge Energy  
Yeti #3405 #1-15  
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 Yeti SWD #3405 #1-15 **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:

71 Bbls (215 sacks) of 13.2 ppg Lead slurry:  
Class A Blend Yeild 1.85  
2% Gypseal  
2% cc  
2% SMS  
¼# Floseal  
2% CC  
¼# Floseal

45 Bbls (185 sacks) of 14.8 ppg Tail slurry  
Class A Yeild 1.37  
2% CC  
2% Gel  
¼ # Floseal

The top plug was then released and displaced with 58 Bbls of fresh water. The plug bumped and pressured up to 800 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  
Yeti #3408 1-15  
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 Teti #3408 1-15 **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 preflush spacer. We then mixed and pumped the following cements:

151 Bbls (465 sacks) of 12.8 ppg Lead slurry:  
65:35 Class A:Poz Blend - 1.83 Yield  
6.0% Gel  
0.4% FL-160  
3# Kolseal

37Bbls (145 sacks) of 14.5 ppg Tail slurry:  
Class A - 1.44 Yield  
2% Gel  
.6% FL-160  
.1% C-45  
5# Kolseal

The top plug was then released and displaced with 205 of fresh water. The plug bumped and pressured up to 1200 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.