



SandRidge Energy  
Hawkinson 1323 #3-12  
Kiowa 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 Hawkinson 1323 #3-12 plug to abandon.

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 spotting 3 cement plugs with a gel spacer ahead and behind each plug, then displaced with mud to desired depth. 240 sacks (total) pumped as follows:

Plug 1 at 1590':

12.02 Bbls (50 sacks) of 14.1 ppg  
60:40 Class A: Poz Blend – 1.35 Yield  
4.0% Gel

Plug 2 at 1350':

18.03 Bbls (75 sacks) of 14.1 ppg  
60:40 Class A: Poz Blend – 1.35 Yield  
4.0% Gel

Plug 3 at 770':

18.03 Bbls (75 sacks) of 14.1 ppg  
60:40 Class A: Poz Blend – 1.35 Yield  
4.0% Gel

Plug 4 at 60':

9.62 Bbls (40 sacks) of 14.1 ppg  
60:40 Class A: Poz Blend – 1.35 Yield  
4.0% Gel

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.