



SandRidge Energy
Cather Trust 3408 2-9H
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 Cather Trust 3408 2-9H 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 3500 psi. After a successful test we began the job by pumping 10 bbls of preflush spacer. We then mixed and pumped the following cements:

90.61 bbl	275 Sacks of 13.2 ppg
Class A Slurry -	1.85 Yield
2% Calcium Chloride	
2% Gypsum	
2% NAMS	
.25 lb/sk Flocele	

39.54 bbl	185 Sacks of 15.6 ppg
Class A Slurry -	1.2 Yield
2% Calcium Chloride	
.25 lb/sk Flocele	

The top plug was then released and displaced with 60.5 Bbls of fresh water. The plug bumped and pressured up to 1200 psi. Pressure was released and floats held with .5 bbl back. 52 Bbl circulated to the pit.

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.



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 Cather Trust 3408 2-9H
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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 Cather Trust 3408 2-9H 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 spacer. We then mixed and pumped the following cements:

48.62 bbl	195 Sacks of 13.6 ppg
50/50 Poz:A Slurry -	1.4 Yield
2.0% Gel	
0.4% FL-160	
0.1% SA-51	

21.02 bbl	100 Sacks of 15.6 ppg
Class A Slurry -	1.18 Yield
0.8% FL-160	
0.2% CD-31	

The top plug was then released and displaced with 196.4 Bbls of fresh water. The plug did not bump and final lift pressure was 550 psi. Pressure was released and floats held with .25 bbl back to the truck. Well maintained circulation throughout the job.

All real time data can be review in the chart section of the report.

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