ALLIED
OIL & GAS SERVICES, LLC

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 Rose #3408 3-31H 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 3000 psi. After a successful test we began the job by pumping 10 bbls of preflush spacer. We then mixed and pumped the following cements:

95 Bbls (255 sacks) of 12.7 ppg Lead slurry:
Class A poz Blend Yeild 1.87
6% Gel
2% CC
¼# Floseal

33 Bbls (155 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 57 Bbls of fresh water. The plug bumped and pressured up to 780 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.

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 Rose #3408 3-31H 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 20 bbls of LC 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 displace 218 .75 Bbls 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.

BASIN SERVICES

ρ   OT   1   11802

DRILLING REPORT

Rig # _____

Computer # _____

Driller: RJ Coffman
Pusher: _____
Helper: Josh Davis, Suttie O'dold
Helper: Kolton Kindle

Company: Sandridge
Lease Name: Rose 3909 3-31 H
City: Waldron
County: Harper
State: KS

Directions: _____

ITEM	DATE	TIME
DEPART SHOP	7-4	6:30 Am
ARRIVED AT RIG	7-4	7:30 Am
STARTED JOB	7-4	8:00 Am
FINISHED JOB	7-5	2:00 Am
DEPARTED RIG	7-5	2:30 Am
ARRIVED AT SHOP	7-5	3:30 Am
TOTAL HOURS		21

	Depth	X	Diameter
Conductor			
Hole	80	X	30
Pipe	80	X	20
Rat			
Hole		X	
Casing		X	
Mouse			
Hole	20	X	20
Casing	30	X	16
Cellar			
Tin Horn	6	X	6

Drill Rig: Horizon 4
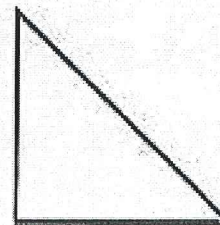
Drilling Conditions:
0 ft – 35 ft   sand
35 ft – 80 ft   clay

CEMENT

Yards: 10   Type: _____   Furnished by: _____

		Furnished by:	# trucks
Pumped:	Yes / No	Basin Services	1
Mud Truck:	Yes / No	Basin Services	3 x's
Water Truck:	Yes / No	Basin Services	1
VacTruck:	Yes / No	S&B Transport	1

HOLE COVERS: Main # _____   M/R# _____   ☐ OLD   ☐ NEW   ☐ NONE

10250

(Need to charge $3,000 extra)