



SandRidge Energy
Mable #3508 1-4 Surface
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 Mable #3508 1-4 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:

46 Bbls (215 sacks) of 15.6 ppg Lead slurry:

Class A: Blend - 1.20 Yield

2.0% cc

¼# Floseal

The top plug was then released and displaced with 19.5 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.

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.

ALLIED OIL & GAS SERVICES, LLC 062241

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:

Medicine Lodge KS

DATE <i>02-27-14</i>	SEC. <i>04</i>	TWP. <i>35s</i>	RANGE <i>08w</i>	CALLED OUT <i>3:00 PM</i>	ON LOCATION <i>8:00 PM</i>	JOB START <i>8:30 AM</i>	JOB FINISH <i>3:00 PM</i>
LEASE <i>Mabel</i>	WELL # <i>3508</i>	<i>1-4</i>	LOCATION <i>Anthony, 8w, 9s, 1/2 w, n/into</i>	COUNTY <i>Harper</i>	STATE <i>KS</i>		
OLD OR NEW (Circle one)							

CONTRACTOR *HWD #14*
TYPE OF JOB *Surface*
HOLE SIZE *12 1/4"* T.D. *305'*
CASING SIZE *9 5/8"* 36" DEPTH *296'*
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX/200 *450-200* MINIMUM *-*
MEAS. LINE SHOE JOINT *43.20*
CEMENT LEFT IN CSG. *44'*
PERFS.
DISPLACEMENT *19 1/2 Bbls Fresh H₂O*

EQUIPMENT

PUMP TRUCK CEMENTER *D. Felio*
#548-545 HELPER *J. Heard*
BULK TRUCK
#364 DRIVER *James Bowen*
BULK TRUCK
DRIVER

pipe on B Hwy Break Cnc, Pressure test, Pump Spacing, M. 215' x 215' Cement Blend, Stop-Release plug - Start Disp. w/ Fresh H₂O, Stop, Plug, See in - release in post - slow rate, Pump Plug in 19 1/2 Bbls, Plug held, wash up "pit"

OWNER *Sandridge*
CEMENT
AMOUNT ORDERED *215' x class A + 2% cct*
1/4" Floeal
COMMON *class A 215' @ 17.70* *3848.50*
POZMIX @
GEL @
CHLORIDE *65x @ 64.00* *384.00*
ASC @
Floeal 54' @ 2.97 *160.38*
HANDLING *226.59 ft³ @ 2.48* *561.94*
MILEAGE *413.36 mi @ 2.60* *1074.73*
TOTAL *6029.55*

SERVICE

AFF Number: *De 13678*
Well Name: *Mabel 3508 1-4 H*
Code: *830.860*
Amount: *\$ 9031.24*
Co. Man: *Edwin Miller*
Co. Man Sig.: *Edwin Miller*
Notes: *Hx*

DEPTH OF JOB *296'*
PUMP TRUCK CHARGE *2058.50*
EXTRA FOOTAGE @
MILEAGE *40 @ 7.70* *308.00*
MANIFOLD *Headrental* @ *275.00*
Light Vehicle *40 @ 4.40* *176.00*
TOTAL *2817.50*

CHARGE TO: *Sandridge*
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

95' *1-TRP* @ *184.86*
@
@
@
@
TOTAL *184.86*

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any)
TOTAL CHARGES *9031.24*

PRINTED NAME

DISCOUNT IF PAID IN 30 DAYS

SIGNATURE

net 6322.34



SandRidge Energy
Mabel #3508 1-4H Intermediate
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 Mabel #3508 1-4H 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 3000 psi. After a successful test we began the job by pumping 30 bbls of preflush spacer. We then mixed and pumped the following cements:

61 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 displaced with 209 of fresh water. The plug bumped and pressured up to 1500 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.

ALLIED OIL & GAS SERVICES, LLC 062736

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:
Medicine Lodge KS

DATE 3-8-14	SEC. 4	TWP. 35S	RANGE 8W	CALLED OUT 300 PM	ON LOCATION 600 PM	JOB START 1245 AM	JOB FINISH 200 AM
LEASE Mabel	WELL # 3508 1-4	LOCATION Africa KS, East to Rd 80, South to				COUNTY Harper	STATE KS
OLD OR (NEW) (Circle one)		2 Hwy, 9 south to Rd 90, & West, North into					

CONTRACTOR HWO #14

OWNER Sand Ridge Energy

TYPE OF JOB Intermediate

HOLE SIZE 8 7/8 T.D. 5587

CASING SIZE 7 DEPTH 5558

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX/500 MINIMUM

MEAS. LINE SHOE JOINT 96

CEMENT LEFT IN CSG. 96

PERFS.

DISPLACEMENT 209 BBLs Fresh H₂O

EQUIPMENT

PUMP TRUCK CEMENTER Jason Thimesch

558/555 HELPER Scott Priddy

BULK TRUCK DRIVER Carl Rackley

381/252 DRIVER

BULK TRUCK DRIVER

REMARKS:

AFE Number: DC136746

Well Name: Mabel 3508 1-4H

Code: 830-370

Amount: 11567.99

Co. Man: Con gileman

Co. Man Sig: [Signature]

Notes:

CHARGE TO: Sand Ridge Energy

STREET

CITY STATE ZIP

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME

SIGNATURE

CEMENT

AMOUNT ORDERED 245.00 50:50 A: Poz+2% G-1 + .4% FL-160 + .1% G-51, 100.00 Class A + .8% FL-160 + .2% C-D-31, 30 BBL ASF

COMMON Class A 100.00 @ 17.90 1790.00

POZMIX @

GEL @

CHLORIDE @

ASC @

Super Flush 30 BBL @ 58.70 1761.00

50/50 Poz blend Class A 245.00 @ 14.40 3528.00

FL-160 Fluid loss 159 lbs @ 18.90 1568.70

G-51 Suspension Agent 211 lbs @ 17.55 368.55

C-D-31 191 lbs @ 10.30 195.70

@

@

@

HANDLING 357.04 cu ft @ 2.48 885.45

MILEAGE 611.77 ton-mi x 2.60 1590.60

TOTAL 11688.00

SERVICE

DEPTH OF JOB 5558

PUMP TRUCK CHARGE 3099.25

EXTRA FOOTAGE @

MILEAGE 40 mi @ 7.70 308.00

MANIFOLD 4 Head @ 275.00

LV 40 mi @ 4.40 176.00

Wait time 2 HRS @ 440 880.00

TOTAL 4738.25

PLUG & FLOAT EQUIPMENT

7 Rubber Plug @ 99.45

@

@

@

@

TOTAL 99.45

SALES TAX (If Any)

TOTAL CHARGES 16525.70

DISCOUNT IF PAID IN 30 DAYS

Net 11567.99