

Field Ticket Number: MLK1511171100      Field Ticket Date:      Tuesday, November 17, 2015

**Bill To:**  
CHARLES N GRIFFIN  
#N/A  
#N/A

**Job Name:** 01 Surface  
**Well Location:** BARBER, KANSAS  
**Well Name:** LUKENS  
**Well Number:** # 1  
**Well Type:** New Well  
**Rig Number:** WW DRILLING #  
**Shipping Point:** *Grant-Beard, KS*  
**Sales Office:** Mid Con

PERSONEL		EQUIPMENT	
JAKE HEARD		CEMENTERS PICK-UP 717	
BRIAN LANG		PUMP TRUCK 366	
MARLYN SPANGENBERG		BULK TRUCK 871-112	

SERVICES - SERVICES - SERVICES							
Description	QTY	UOM	Unit Amt	Gross Amt	Unit Net	Discount	Net Amount
PUMP,CASING CEMENT 0-500 FT	1.00	min. 4 hr	1,512.25	1512.25	756.13	50.0%	756.13
PHDL	180.00	per cu. Ft.	2.48	446.40	1.24	50.0%	223.20
DRYG	42.00	ton-mile	2.75	115.50	1.38	50.0%	57.75
MILV	5.00	per mile	4.40	22.00	2.20	50.0%	11.00
MIHV	5.00	per mile	7.70	38.50	3.85	50.0%	19.25

MATERIALS - MATERIALS - MATERIALS							
CCAC	170.00	sack	17.90	3,043.00	8.95	50.0%	1,521.50
CA-100	480.00	pound	1.10	528.00	0.55	50.0%	264.00

ADDITIONAL ITEMS - ADDITIONAL ITEMS - ADDITIONAL ITEMS							
Additional hours, in excess of set hours		per hour	440.00	0.00	220.00	50.0%	0.00
SUGAR	100.00	per pound	3.15	315.00	1.58	50.0%	157.50

	Gross	Discount	Final
Services Total	2,134.65	1,067.33	1,067.33
Equipment Total	0.00	0.00	0.00
Materials Total	3,571.00	1,785.50	1,785.50
Additional Items	315.00	157.50	157.50
<b>Final Total</b>	<b>6,020.65</b>	<b>3,010.33</b>	<b>3,010.33</b>

Allied Rep: JAKE HEARD  
Customer Agent: \_\_\_\_\_

This output does NOT include taxes. Applicable sales tax will be billed on the final invoice.  
Customer hereby acknowledges receipt of the materials and services described above and on the attached documents.  
I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the following page.

x *[Signature]*  
Customer Signature

Field Ticket Total (USD): **\$3,010.33**

**GENERAL TERMS AND CONDITIONS**

**DEFINITIONS:** In these terms and conditions, "ALLIED" shall mean Allied Oil & Gas Services, LLC, and "CUSTOMER" shall refer to the party identified by that term on the front of this contract. As applicable, "JOB" relates to the services described on the front side of this contract, "MERCHANDISE" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

**-TERMS:** Unless satisfactory credit has been established, CUSTOMER must tender full cash payment to ALLIED before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, CUSTOMER agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that CUSTOMER may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate. Any amounts previously paid as excess interest shall be deducted from the amounts owing from the CUSTOMER or at the option of ALLIED, refunded directly to CUSTOMER. For purposes of this paragraph, ALLIED and CUSTOMER agree that Kansas law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

**-ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.



## Cement Job Summary

Job Number: <b>MLK15111711</b>		Job Purpose: <b>01 Surface</b>	
Customer: <b>CHARLES N GRIFFIN</b>	Date: <b>11/17/2015</b>		
Well Name: <b>LUKENS</b>	Number: <b># 1</b>	API/UWI:	
County: <b>BARBER</b>	City: <b>MEDICINE LODGE</b>	State: <b>KANSAS</b>	
Cust. Rep:	Phone:	Rig Phone:	
Distance: <b>5 miles (one way)</b>	Supervisor: <b>Jake Heard</b>		

Employees:	Emp. ID:	Employees:	Emp. ID:
JAKE HEARD	#N/A		
BRIAN LANG	#N/A		
MARLYN SPANGENBERG	#N/A		

Equipment:	
CEMENTERS PICK-UP 717	
PUMP TRUCK 366	
BULK TRUCK	

### Materials - Pumping Schedule

#### STAGE #1

Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)
Spacer 1	FRESHWATER	5	0.00	n/a	n/a
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)
Lead 1	CLASS A COMMON	170	14.90	1.33	6.20
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)
Disp. 1	Displacement	0	8.33	n/a	n/a

Slurry: Lead 1		Slurry Name: CLASS A COMMON			
Quantity:	170 sacks	Blend Vol:	179.5 cu.ft.	Blend Weight:	16459.4 lbs
Material	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM
CCAC	CLASS A COMMON	94	% Base Material	15980.0	lbm
CA-100	CALCIUM CHLORIDE, PELLETS OR FLAKE	2.82	% BWOC	479.4	lbm
Water	Mixing Water	6.20	gal/sk	1054	gal



Field Ticket Number: **MLK151115930** Field Ticket Date: **Monday, November 23, 2015**

**Bill To:**  
CHARLES N GRIFFIN  
#N/A  
#N/A

**Job Name:** 02 Production/Long String  
**Well Location:** BARBER, KANSAS  
**Well Name:** LUKENS  
**Well Number:** #1  
**Well Type:** NEW WELL  
**Rig Number:** W-W DRILLING # #4  
**Shipping Point:** Medicine Lodge, KS  
**Sales Office:** Mid Con

PERSONEL		EQUIPMENT	
JUSTIN BOWER		CEMENTERS PICK-UP 674	
Holiman, Kindle		1106-545	
Joe Halcomb		819-823	

**SERVICES - SERVICES - SERVICES**

Description	QTY	UOM	Unit Amt	Gross Amt	Unit Net	Discount	Net Amount
PC5000	1.00	min. 4 hr	2,765.75	2765.75	1,189.27	57%	1,189.27
CMLP	1.00	per day	275.00	275.00	118.25	57%	118.25
PHDL	296.00	per cu. Ft.	2.48	734.08	1.07	57%	315.65
DRYG	63.00	ton-mile	2.75	173.25	1.18	57%	74.50
MILV	5.00	per mile	4.40	22.00	1.89	57%	9.46
MIHV	5.00	per mile	7.70	38.50	3.31	57%	16.56

**FLOAT EQUIPMENT -- FLOAT EQUIPMENT -- FLOAT EQUIPMENT**

AFFS-5.5	1.00	each	545.00	545.00	234.35	57%	234.35
CB-5.5	1.00	each	395.00	395.00	169.85	57%	169.85
CEN-5.5	3.00	each	57.00	171.00	24.51	57%	73.53
LBP - 5.5	1.00	each	660.00	660.00	283.80	57%	283.80

**MATERIALS - MATERIALS - MATERIALS**

CW-HVS	12.00	bbbl	25.00	300.00	10.75	57%	129.00
CW-MC	12.00	bbbl	41.09	493.08	17.67	57%	212.02
CB-APA-40604	30.00	sack	18.92	567.60	8.14	57%	244.07
CB-ASA	200.00	sack	23.50	4,700.00	10.11	57%	2,021.00
CLC-KOL	1000.00	pound	0.98	980.00	0.42	57%	421.40
CFL-210	57.00	pound	18.90	1,077.30	8.13	57%	463.24
CDF-100P	28.00	pound	3.50	98.00	1.51	57%	42.14

**ADDITIONAL ITEMS - ADDITIONAL ITEMS - ADDITIONAL ITEMS**

Additional hours, in excess of set hours		per hour	440.00	0.00	189.20	57%	0.00
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	Gross	Discount	Final
Services Total	4,008.58	2,284.89	1,723.69
Equipment Total	1,771.00	1,009.47	761.53
Materials Total	8,215.98	4,683.11	3,532.87
Additional Items	0.00	0.00	0.00
<b>Final Total</b>	<b>13,995.56</b>	<b>7,977.47</b>	<b>6,018.09</b>

Allied Rep: JUSTIN BOWER  
Customer Agent: JR GRIFFIN

This output does NOT include taxes. Applicable sales tax will be billed on the final invoice.  
Customer hereby acknowledges receipt of the materials and services described above and on the attached documents.  
I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the following page.

X   
Customer Signature

Field Ticket Total (USD):

**\$6,018.09**

Job Number: <b>MLK15111593</b>		Job Purpose: <b>02 Production/Long String</b>	
Customer: <b>CHARLES N GRIFFIN</b>	Date: <b>11/15/2015</b>		
Well Name: <b>LUKENS</b>	Number: <b>#1</b>	API/UWI:	
County: <b>BARBER</b>	City: <b>VIC MED.LODGE</b>	State: <b>KANSAS</b>	
Cust. Rep: <b>JR GRIFFIN</b>	Phone:	Rig Phone:	
Distance: <b>5 miles (one way)</b>	Supervisor: <b>Jason Thimesch</b>		

Employees:	Emp. ID:	Employees:	Emp. ID:
JUSTIN BOWER	#N/A		
Holiman, Kindle	0		
Joe Halcomb	0		

Equipment:	Emp. ID:	Equipment:	Emp. ID:
CEMENTERS PICK-UP 674			
1106-545			
819-823			

**Materials - Pumping Schedule**

**STAGE #1**

Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)
Spacer 1	HIVIS SWEEP	12	0.00	n/a	n/a
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)
Spacer 2	MUD CLEAN	12	0.00	n/a	n/a
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)
Lead 1	ALLIED 40/60/4 POZ BLEND - CLASS A	30	13.89	1.40	6.70
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)
Tail 1	ALLIED SPECIAL BLEND CEMENT - CLASS A	200	23.76	0.63	0.00
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)
Disp. 1	2% KCL WATER DISPLACEMENT	0	8.33	n/a	n/a

Slurry: Lead 1		Slurry Name: ALLIED 40/60/4 POZ BLEND - CLASS A				
Quantity:	30 sacks	Blend Vol:	31.72 cu.ft.	Blend Weight:	2683.2 lbs	
Material	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM	
CCAC	CLASS A COMMON	56.4	% Base Material	1692.0	lbm	
CPOZ	POZMIX FLYASH	29.6	% Base Material	888.0	lbm	
CGEL	GEL - BENTONITE	3.44	% BWOC	103.2	lbm	
Water	Mixing Water	6.70	gal/sk	201	gal	

Slurry: Tail 1		Slurry Name: ALLIED SPECIAL BLEND CEMENT - CLASS A				
Quantity:	200 sacks	Blend Vol:	263.35 cu.ft.	Blend Weight:	22494.4 lbs	
Material	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM	
CCAC	CLASS A COMMON	94	% Base Material	18800.0	lbm	
CA-200	SODIUM CHLORIDE	6	lb/sk	1200.0	lbm	
CA-500	GYP SUM	5.17	% BWOC	1034.0	lbm	
CGEL	GEL - BENTONITE	1.88	% BWOC	376.0	lbm	
CLC-KOL	KOL-SEAL	5	lb/sk	1000.0	lbm	
CFL-210	FLUID LOSS ADDITIVE - LOW TEMP	0.282	% BWOC	56.4	lbm	
CDF-100P	DEFOAMER - POWDER	0.14	lb/sk	28.0	lbm	
Water	Mixing Water	0.00	gal/sk	0.0	gal	

Job Number: <b>MLK15111593</b>		Job Purpose: <b>02 Production/Long String</b>	
Customer: <b>CHARLES N GRIFFIN</b>	Date: <b>11/15/2015</b>		



## Cement Job Summary

Well Name: <b>LUKENS</b>		Number: <b>#1</b>		API/UWI:		
County: <b>BARBER</b>		City: <b>VIC MED.LODGE</b>		State: <b>KANSAS</b>		
Cust. Rep: <b>JR GRIFFIN</b>		Phone:		Rig Phone: <b>0</b>		
Distance <b>5 miles (one way)</b>			Supervisor		<b>JUSTIN BOWER</b>	
DATE	TIME	PRESSURE - (PSI)		FLUID PUMPED DATA		COMMENTS
		CASING	ANNULUS	VOLUME	RATE (BPM)	
11/22/2015	9:30:00 PM					ARRIVE ON LOCATION
	9:40:00 PM					SAFETY MEETING
	9:45:00 PM					RIG UP
	10:00:00 PM					SAFETY MEETING
						RUN CASING
	2:20:00 AM	800				BREAK CIRCULATION
	3:45:00 AM	2000				PRESSURE TEST
	3:47:00 AM	260		24	4.5	PUMP SPACER
	3:55:00 AM	200		55.923	4	MIX AND PUMP CEMENT
	4:18:00 AM					WASH PUMP AND LINES
	4:22:00 AM	50-870		100	4.5	START DISPLACEMENT
		870		111	3.5	SLOW RATE
	4:50:00 AM	1700		111	3.5	BUMP PLUG
						CHECK FLOATS
	5:04:00 AM	20		7.480	3	PLUG RAT HOLE
	5:10:00 AM					WASH PUMP AND LINES
	5:25:00 AM					RIG DOWN