

#### Cementing Services Field Ticket

Field Ticket Number: MLK1511171100 Field Ticket Date: Tuesday, November 17, 2015 Job Name: Bill To: 01 Surface **CHARLES N GRIFFIN** Well Location: BARBER, KANSAS #N/A Well Name: LUKENS #N/A Well Number: #1 New Well Well Type: WW DRILLING # Rig Number: GACA+BERD, KS Shipping Point: Sales Office:

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

Description	ony	SERVICES - S	Unit Amt	SERVICE.	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%	756.1
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
	MA	TERIALS - M	ATERIALS	- MATER	IALS		
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
ADDI	TIONAL ITI	MS - ADDIT	IONAL ITE	MS - ADI	DITIONAL	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
and the second s	8			J	Gross	Discount	Final
				ervices Total	2,134.65	1,067.33	1,067.33
				ilpment Total	0.00	0.00	0.00
PRINCIPAL PROPERTY OF THE PROP	S			aterials Total	3,571.00	1,785.50	1,785.50
Nied Rep JAKE HEARD			Add	litional Items Final Total	315.00	157.50	157.50
This output does NOT include taxes. Applicaple sa Customer hereby acknowledges receipt of the mate.					6,020.65	3,010.33	3,010.33

\*Walts Brown

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 ALUED 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 ALUED, refunded directly to CUSTOMER. For purposes of this paragraph, ALUED 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:	MLK15111711 Job Purpose	01 Surface				
Customer:	CHARLES N GRIFFIN				Date:	11/17/2015
Well Name:	LUKENS		Number: #	1	API/UWI:	
County:	BARBER	City:	MEDICINE LODGE		State:	KANSAS
Cust. Rep:		Phone:		Rig Phone:		
Distance	5 miles (one wa	y)		Supervisor	Ja	ke Heard

Em	iployees:	Emp. ID:		Employees:		Emp. ID:
JAKE HEARD		#N/A				
BRIAN LANG		#N/A				
MARLYN SPANGENB	ERG	#N/A			Car get felia	
Equipment						
CEMENTERS PICK-UP	717					
PUMP TRUCK 366			Martin et Co			
BULK TRUCK						
	N	laterials - Pu	mping Schedule			
		STA	GE #1		MILLITA	
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	luid Name Description		Rqstd Qty	Density	Yield	Water (gal/sk
Disp. 1	Displacement		0	8.33	n/a	n/a

Slurry: Lead 1		Slurry Name: Cl	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 Materia	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				

### **CEMENTING LOG**

Company	CHARLES N GRIFFIN	il line	Lease LUKEN	S		We	ll Name/No.	#1	
Type Job	SURFACE		Type & Amt M	aterial	CLASS A			Herani.	
Field	1-32S-12W		Ticket Number		MLK1511	171100		a zi ayil	
CASING DATA	Intermediate	Liner	Production	PTA	Squeeze	✓ Surf	ace		
Size	8 5/8	Type J-55			Weight 2	4#	Coll	ar	
Casing Depths	: Top O	Botton		268	11,2 j.zu 161. i.				
Drill Pipe:	Size	Weigh			Collars				
Open Hole:	Size	12 1/4 T.D. (ft		260	P.B. to (ft)				
CAPACITY FAC	TORS					MALTE			
Casing	Bbls/Lin. ft.			0.0637	Lin. ft./Bbl			15.7	
Open Holes	Bbls/Lin. ft.			0.1458	Lin. ft./Bbl			6.8598	
Drill Pipes	Bbls/Lin. ft.				Lin. ft./Bbl				
Annulus	Bbls/Lin. ft.	1 - 1247	TING IN S	0.0735	Lin. ft./Bbl			13.6035	
ell business of	Bbls/Lin. ft.				Lin. ft./Bbl				
Perforations	From (ft)		То		Amount		J 1 W. Can 200		
CEMENT DATA									
Spacer Type	FRESHWATER					The Transfer			
Amt. 5 BBL	Sks Yield		ft 3/sk Density (	PPG)					
LEAD Pump Time (hr	s)		Type CLASS A	\ + 3%CC	E:	xcess			
Amt.	170 Sks Yield	1.33	ft 3/sk Density (I	PPG)				14.9	
TAIL									
Pump Time (hr	s)	- # - FD-	Туре		E	cess			
Amt.	Sks Yield		ft 3/sk Density (1	PPG)					
WATER	The state of the s								
Lead	6.2 gals/sk	-87 - 57	Tail		gals/sk T	otal (Bbls.)		25.09	
Pump Trucks U								366	
Bulk Equipmen	t								
871-112									
	nt: Manufacturer								
Shoe: Type	ir Mailaractalei				n,	epth			
Float: Type						epth			
Centralizers:	Quantity		Plugs: Top			ottom			
Stage Collars	1000 B		-F			ata		a ya ya k	
Special Equipm	ent							e 2001	
- Pro								- 1	
Disp. Fluid Type	FRESH WATER		Amt. (Bbls.)		W	eight (PPG)		- 1	

COMPANY	REPRESENTATIVE	

CEMENTER Jake Heard

TIME	PRESSUI	RES PSI	FLU	JID PUMPED DA	ATA	
AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED/ TIME PERIOD	RATE (BBLS MIN.)	REMARKS
11:00 AM				di lati	7 740 m 11	ON LOCATION
* 1 n			L Jensey			SAFETY MEETING
						SPOT IN RIG UP
# 1			141. 2. 3			SAFETY MEETING
1:55 PM	1000					PRESSURE TEST
	150	15:0 T 6-11	5	fiet e de al del	3.5	PUMP SPACER
	150		40.26		3.5	MIX AND PUMP CEMENT
	150	- 100 100 100 100 100 100 100 100 100 10	15.75		3	DISPLACE
79.7	- 12 20 11 12					STOP
2:20 PM						SHUT IN
						RELEASE PRESSURE
2:30 PM		- 1,121 - 1,121	1 30 Sec. 2			RIG DOWN
1 - 25 H - 10	day in the second	i usel				
- 100 A	5 44 0 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			ba Taabaa		
			1.14.46.16.16.19			
	1 10		1 String . 1 .		N. L. Burt	
				9 1 1 1 1		
			There was more mineral			
100			Medi. Tali			
		in 'n	.,4.44 12		dala a	
			At a market of the			
			n nipan			COMPARTMENT OF THE STATE OF THE



, November 23, 2015 Field Ticket Date: MODA Field Ticket Number: MLK151115930 BIII To: Job Name: 02 Production/Long String BARBER, KANSAS Well Location: CHARLES N GRIFFIN LUKENS Well Name: #N/A Well Number: #N/A **NEW WELL** Well Type: W-W DRILLING ##4 Rig Number: Shipping Point: Medicine Lodge, KS Mid Con Sales Office: EQUIPMENT PERSONEL CEMENTERS PICK-UP 674 JUSTIN BOWER 1106-545 Holiman, Kindle 819-823 Joe Halcomb SERVICES - SERVICES - SERVICES emy 1,189.27 57% 2,765.75 2765.75 1,189.27 min. 4 hr 1.00 PC5000 118.25 275.00 275.00 118.25 57% CMLP 1.00 per day 315.65 57% 1.07 2.48 734.08 296.00 per cu. Ft. PHDL 74.50 2.75 173.25 1.18 57% DRYG 63,00 ton-mile 9.46 57% 22.00 1.89 5.00 per mile 4.40 MILV 16.56 7.70 38,50 3.31 57% per mile MIHV 5.00 FLOAT EQUIPMENT -- FLOAT EQUIPMENT -- FLOAT EQUIPMENT 234.35 545.00 545.00 1.00 each AFFS-5.5 169.85 395.00 169.85 57% each 395.00 1:00 CB-5.5 73.53 171.00 24.51 57% 57:00 **CEN-5.5** 3.00 each 283.80 660.00 660.00 283.80 57% LBP - 5.5 1.00 each MATERIALS - MATERIALS - MATERIALS 129.00 57% 10.75 300.00 CW-HVS 12.00 bbl 25.00 212.02 57% 41.09 493.08 17.67 12.00 bbl CW-MC 244.07 567.60 8.14 57% 18.92 30.00 sack CB-APA-40604 2,021.00 4,700.00 10.11 57% 23.50 200.00 sack CB-ASA 57% 421.40 980.00 0.42 0.98 1000.00 pound CLC-KOL 463.24 57% 1,077.30 8.13 18.90 57.00 pound CFL-210 1.51 57% 42.14 28.00 3.50 98.00 pound CDF-100P - ADDITIONAL ITEMS ADDITIONAL ITEMS - ADDITIONAL ITEMS 0.00 440.00 0.00 189.20 57% per hour Additional hours, in excess of set hours Final Discount Gross 1,723.69 Services Total 4,008.58 2,284.89 **Equipment Total** 1,771.00 1,009.47 761.53 3,532.87 Materials Total 8,215.98 4,683.11 0.00 Additional Items 0.00 0.00 JUSTIN BOWER Allied Rep Final Total 6.018.09 13,995.56 JR GRIFFIN Customer Agent: This output does NOT include taxes. Applicaple 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 any funderstand the "GENERAL TERMS AND CONDITIONS" listed on the following page. \$6,018.09 Field Ticket Total (USD): Customer Signature



# Cement Job Summary

Job Number:	MLK151115934 Job Purpose	02 Product	ion/Long String			
Customer:	CHARLES N GRIFFIN				Date:	11/15/2015
Well Name:	LUKENS		Number: #1	Ruje je je je	API/UWI:	
County:	BARBER	City:	VIC MED.LODGE		State:	KANSAS
Cust. Rep:	JR GRIFFIN	Phone:	Rig	Phone:		
Distance	5 miles (one wa	ıy)	Su	pervisor	Jasor	Thimesch

	Employees: Em	p. ID:		Employees:		Emp. ID:
JUSTIN BOWE		N/A				
Holiman, Kind	le	0				
Joe Halcomb		0				
Equip	oment:					
CEMENTERS P						
1106-545						
819-823						Tunda and the second of the se
	Mater		ping Schedule			
		STAG				
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 - CLAS	SS A	30	13.89	1.40	6.70
Fluid Name	Description		Rqstd Qty	Density	Yield	Water (gal/sk)
Tail 1	ALLIED SPECIAL BLEND CEMENT - CL	LASS A	200	23.76	0.63	0.00
Fluid Name	Description		Rqstd Qty	Density	Yield	Water (gal/sk)
Disp. 1	2% KCL WATER DISPLACEMENT	T.	0	8.33	n/a	n/a

Slurry:	Lead 1	Slurry Name:	ALLIED 40/60/4	)/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 COMN	NON		56.4	% Base Materia	1692.0	lbm		
CPOZ	POZMIX FLYAS	Н		29.6	% Base Materia	888.0	lbm		
CGEL	GEL - BENTON	TE		3.44	% BWOC	103.2	lbm		
Water	Mixing Water			6.70	gal/sk	201	gal		

Slurry:	Tail 1	Slurry Name: ALLIE	lurry Name: ALLIED SPECIAL BLEND CEMENT - CLASS A							
Quantity:	200 sacks		lend Vol:	263.35 cu.ft.	cu.ft.	Blend Weight:	22494.4 lbs			
Material		Description		Conc. (lb/sk)	Determined by	Load Volume	UOM			
CCAC	CLASS A COMMON			94	% Base Materia	18800.0	lbm			
CA-200	SODIUM CHLORIDE			6	lb/sk	1200.0	lbm			
CA-500	GYPSUM			5.17	% BWOC	1034.0	lbm			
CGEL	GEL - BENTONIT	TE .		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 - PO	OWDER		0.14	lb/sk	28.0	lbm			
Water	Mixing Water			0.00	gal/sk	0.0	gal			

Job Number:	MLK151115934 Job Purpose	02 Production/Long String		
Customer:	CHARLES N GRIFFIN		Date:	11/15/2015



# Cement Job Summary

Well Name:	/ell Name: LUKENS			Number:	#1	API/UWI:	
County: BARBER			City: VIC MED.LODGE		State: KANSAS		
Cust. Rep:	JR GRIFFIN		Phone:		Rig Phone:		
Distance 5 miles (one wa			y)		Supervisor	JUSTIN BOWER	
DATE	TIME PRESSU		IRE - (PSI) FLUID PUI		MPED DATA	COMMENTS	
	AM/PM	CASING	ANNULUS	VOLUME	RATE (BPM)	COMMENTS	
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			Part so d'a la la chie		WASH PUMP AND LINES	
	4:22:00 AM	50-870		100	4.5	START DISPLACMENT	
		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	- п п п п				WASH PUMP AND LINES	
	5:25:00 AM	h 95 # 0 = 2				RIG DOWN	