

# ALLIED CEMENTING CO., LLC. 037902

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
*Medicine Lodge, KS*

DATE <i>12-1-2011</i>	SEC <i>22</i>	TWP <i>32S</i>	RANGE <i>13W</i>	CALLED OUT <i>3:30 AM</i>	ON LOCATION <i>3:30 AM</i>	JOB START <i>7:00 AM</i>	JOB FINISH <i>7:30 AM</i>
SPENCER'S LEASE <i>Bluff</i>			WELL # <i>4</i>	LOCATION <i>1/2 mi Twin Peaks Rd, 2 1/2 S</i>	COUNTY <i>Osborne</i>	STATE <i>KS</i>	
OLD OR (NEW) (Circle one)			<i>to P's sign, white</i>				

CONTRACTOR *N. Jones & Sons Drilling* OWNER *L B Exploration*

TYPE OF JOB *Spike*  
 HOLE SIZE *12 1/4* TD *355'*  
 CASING SIZE *8 5/8* DEPTH *345'*  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX. MINIMUM  
 MEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG. *20'*  
 PERFS.  
 DISPLACEMENT *21 bbis of fresh water*

CEMENT  
 AMOUNT ORDERED *300 sacks Class A + 2% G + 3% CC*

COMMON	<i>300 sacks 1 1/2" @ 16.25</i>	<i>4875.00</i>
POZMIX	@	
GEL	<i>6 sacks @ 21.95</i>	<i>131.70</i>
CHLORIDE	<i>11 sacks @ 18.20</i>	<i>200.20</i>
ASC	@	
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING	<i>37 @ 2.95</i>	<i>109.15</i>
MILEAGE	<i>10 x 317 x .11</i>	<i>348.70</i>
TOTAL		<i>\$6704.65</i>

EQUIPMENT  
 PUMP TRUCK CEMENTER *Derin F*  
 # *360-265* HELPER *Tyson J*  
 BULK TRUCK  
 # *364* DRIVER *Adam M.*  
 BULK TRUCK  
 # DRIVER

REMARKS:  
*Pipe on bottom & brook circulation  
 Pump 3 bbis fresh water 9 hrs, mix  
 300 sacks of cement, shut down, release  
 plug, start displacement, pump 21  
 bbis of fresh water, shut in cement  
 and circulate*

SERVICE

DEPTH OF JOB	<i>345'</i>	
PUMP TRUCK CHARGE	<i>1125.00</i>	
EXTRA FOOTAGE	<i>49 @ 11.6</i>	
MILEAGE	<i>20 @ 7.00</i>	<i>140.00</i>
MANIFOLD	<i>Hess rents 1 @ 200.00</i>	<i>200.00</i>
light vehicle	<i>20 @ 4.00</i>	<i>80.00</i>
	@	
TOTAL		<i>\$1545.00</i>

CHARGE TO: *L B Exploration*  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

<i>8 5/8</i>		
1-wooden plug	@	<i>92.00</i>
	@	
	@	
	@	
	@	
TOTAL		<i>92.00</i>

To Allied Cementing Co., 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 *\$8741.65*  
 DISCOUNT *20%* IF PAID IN 30 DAYS  
*net \$6993.32*

PRINTED NAME *X*  
 SIGNATURE *[Signature]*  
*Thank you!!!*

Customer <i>L.B. Exploration</i>		Lease No.		Date <i>12-9-11</i>	
Lease <i>Sparcus Bluff</i>		Well # <i>4</i>			
Field Order # <i>5491</i>	Station <i>Pratt</i>	Casing <i>5 7/8"</i>	Depth <i>5017</i>	County <i>Barber</i>	State <i>KS</i>
Type Job <i>CNW-5 1/2 KS</i>			Formation	Legal Description <i>20-32-13</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
<i>5 7/8"</i>			<i>1650</i>	<i>AA2 conc</i>				5 Min.
Depth <i>5017</i>	Depth	From	To	Pre Pad <i>1.54/10</i>		Max		
Volume <i>13.4</i>	Volume	From	To <i>5024</i>	Pad <i>65/40 R/100</i>		Min		10 Min.
Max Press <i>1510</i>	Max Press	From	To	Frac		Avg		15 Min.
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth <i>11:45</i>	Packer Depth	From	To	Flush <i>111.3</i>		Gas Volume		Total Load

Customer Representative <i>Michael P...</i>	Station Manager <i>Don Scott</i>	Treater <i>Steve Oelands</i>
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Service Units <i>2723</i>	<i>27463</i>	<i>17852</i>	<i>21010</i>					
Driver Names <i>Donna Mitchell</i>	<i>Michael</i>	<i>McCaskey</i>						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>10:00</i>					On location - Safety meeting Run 119 5/8 5 1/2 Casing Packer Shoe on Bottom 475.5. Concentration 1-3-5-2-8-11-14 1/5 Casing on Bottom Break check/R/S Set Packer Shoe
<i>11:10</i>	<i>300</i>		<i>20</i>	<i>5</i>	KCL H2O
<i>11:15</i>	<i>300</i>		<i>5</i>	<i>5</i>	H2O spacer
<i>11:16</i>	<i>300</i>		<i>12</i>	<i>5</i>	mod flush
<i>11:19</i>	<i>300</i>		<i>5</i>	<i>5</i>	H2O spacer
<i>11:30</i>	<i>250</i>		<i>45</i>	<i>5</i>	mix 1650x AA2 conc w/14.8% oil Shut Down Clear punch line Release Plug
<i>11:34</i>	<i>0</i>		<i>0</i>	<i>6</i>	Start H2O Displacement
<i>11:40</i>	<i>400</i>		<i>100</i>	<i>5</i>	Left Pressure
<i>11:43</i>	<i>600</i>		<i>110</i>	<i>4</i>	Slow Rate
<i>11:45</i>	<i>1500</i>		<i>101.3</i>	<i>4</i>	plug Down - Hold mix 300x RH - 200x RH Check and Time Log Tub Conf Log Tracker Show