

# ALLIED CEMENTING CO., LLC. 035979

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

*Oakley, KS*

DATE <i>9/2/14</i>	SEC <i>34</i>	TWP. <i>13</i>	RANGE <i>32</i>	CALLED OUT	ON LOCATION	JOB START <i>8:00</i>	JOB FINISH <i>8:30</i>
LEASER <i>Hess-Christy</i>	WELL # <i>1-32</i>	LOCATION <i>Oakley 17 S.W. 1/4 W. 1/2 T. 13 R. 32</i>			COUNTY <i>Logan</i>	STATE <i>KS</i>	

CONTRACTOR *Murphy 24*

TYPE OF JOB *surf oil*

HOLE SIZE *12 1/4* T.D. *220.1*

CASING SIZE *8 5/8* DEPTH *220.1*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *15'*

PERFS.

DISPLACEMENT *13.05*

OWNER *Same*

CEMENT AMOUNT ORDERED *165 Comm 390cc*

*20 gel*

COMMON	<i>165</i>	@ <i>16.25</i>	<i>2681.25</i>
POZMIX		@	
GEL	<i>3</i>	@ <i>21.25</i>	<i>63.75</i>
CHLORIDE	<i>6</i>	@ <i>58.00</i>	<i>348.00</i>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<i>174 SKS</i>	@ <i>2.20</i>	<i>382.80</i>
MILBAGE	<i>118 SK/mile</i>		<i>363.66</i>
TOTAL			<i>3849.76</i>

EQUIPMENT

PUMP TRUCK CEMENTER *Alan*

# *422* HELPER *Wayne*

BULK TRUCK

# *407* DRIVER *Jerry*

BULK TRUCK DRIVER

REMARKS:

*Run Csg, Circulate, mix cement*

*Displace cement*

*Cement did circulate*

*Thank You Alan, Wayne, Jerry*

CHARGE TO: *Grand Mesa*

STREET

CITY STATE ZIP

SERVICE

DEPTH OF JOB	<i>220'</i>	
PUMP TRUCK CHARGE		<i>1125.00</i>
EXTRA FOOTAGE	@	
MILEAGE	<i>19 x 2</i>	@ <i>7.00</i> <i>266.00</i>
MANIFOLD	@	<i>200.00</i>
<i>Liter Vehicle 19x2</i>	@ <i>4.00</i>	<i>152.00</i>
	@	
TOTAL <i>1743.00</i>		

PLUG & FLOAT EQUIPMENT

@

@

@

@

@

TOTAL

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.

PRINTED NAME *Anthony Martin*

SIGNATURE *Anthony Martin*

SALES TAX (if Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

JOB LOG

SWIFT Services, Inc.

DATE 09-16-11 PAGE NO. 7

CUSTOMER GRAND MESA WELL NO. 1-34 LEASE Hess-CHRISTY JOB TYPE 2-STAGE TICKET NO. 20223

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0700							ON LOCATION CMT: Bottom 17550 STD EA-2 Top 300 SWS-SMO RTO 4672, SET PIPE 4669, SJ100, TUBEY 4658 5 1/2 IS 5 1/4 DIV. ON TOP # 55, 24WOT CENT 1, 3, 6, 9, 12, 15, 54, BAWERS 3, 55
	0715							START GY & FLAT FLY
	0730							TALUSSEAN - DROP BALL
	0740							BREAK CIRC & ROTATE PIPE
	0755	5.5	12.0		✓		200	500GAL MUD FLUSH
		5	20.0		✓		5	200GAL WCL FLUSH
	1010		42.5		✓			175 50 EA 2CMT DROP PLUG, WASHOUT P.L.
	1014	7.0	0		✓		200	START DISP W/H2O
			54.0		✓		5	" " W/RIG MUD
			95.0		✓		500	
			100.0		✓		600	
			105.0		✓		750	
	1030	4.7	110.8		✓		1500	LAND PLUG RELEASE PSZ, DRY, DROP DIV OPENING DART WASHUP TUBING
	1040				✓		1100	OPEN DIV, CIRC W/RIG
	1040		7.5					PLUG RH 30, MH 15
	1245	6.0	20.0		✓		200	200GAL WCL FLUSH
		5	143.0		✓		5	255GAL SMO CMT DROP DIV, CLOSING PLUG
	1320	6.0	0		✓		200	START DISP
			40.0		✓		400	CIRC CMT TOP IT! 30SIS
			50.0		✓		600	
	1330		57.6		✓		1500	LAND & CLOSE DIV.
	1400							JDB COMPLETE THANK YOU! DAVE, JOSH, DAVID, ROB

Acidizing Report

PRO-STIM CHEMICALS

Date 10-11-11

Customer <i>Grand Mesa</i>	Pro-Stim Chemical Yard <i>Dighton</i>	Pro-Stim Number <i>A6 57985</i>
Well Name & Number <i>Hess Christy 1-34</i>	Field	Formation <i>Spot 1 brl</i>
County <i>Lujan</i> State <i>KS</i>	BHT	YD
		Interval <i>4513-4520</i>

Well Type: Completion  Recompletion  Workover  Oil  Gas  Water  Disposal  Perf  OH

Job Pumped Via: Tubing  Casing  Annulus  CTU  Combination  Plug Depth Packer Depth  
*4467*

Casing Size:	GRD	WT	Depth	Tubing Size: <i>2 7/8</i>	GRD	WT	Spot
Casing Vol.	Tbg Vol	<i>26</i>	Ann Vol	OH Vol	Total Displacement		
Maximum Pressure	Tubing	Casing	Proposed Pump Time	AOL	Leave Loc		

Special Instructions:

*250 gals BWR-1 15070  
w/ additives*

Treatment Record

Time	Type Fluid	Rate BMP	Increment Vol Bbls	Cum Vol Bbls	Pressure		Observations
					Tubing	Casing	
							Safety Meeting
<i>1</i>	<i>Acid</i>		<i>Spot</i>	<i>1</i>			Pre Test to _____ psi
<i>12</i>	<i>Acid</i>	<i>3.0</i>		<i>6</i>			<i>Acid Cone Loaded</i>
<i>19</i>	<i>Flush</i>	<i>0</i>		<i>26.5</i>	<i>60</i>		
<i>22</i>	<i>Flush</i>	<i>0</i>		<i>26.6</i>	<i>300</i>		
<i>28</i>	<i>Flush</i>	<i>0</i>		<i>26.8</i>	<i>600</i>		<i>staging</i>
<i>46</i>	<i>Flush</i>	<i>0</i>		<i>27.5</i>	<i>700</i>		
<i>51</i>	<i>Flush</i>	<i>.2</i>		<i>28.3</i>	<i>550</i>		
<i>53</i>	<i>Flush</i>	<i>1</i>		<i>29.5</i>	<i>520</i>		
<i>56</i>	<i>Flush</i>	<i>1.5</i>		<i>33.5</i>	<i>550</i>		<i>Done</i>

Treatment Synopses

Avg Inj Rate	Fluid BPM	Total Injected	H2O <i>27.5 brl</i>	Acid <i>6 brl</i>	Oil
Treating Pres.	Max <i>700</i>	Final <i>550</i>	Avg <i>600</i>	ISIP <i>400</i>	5'SI <i>VAC</i> 10'SI 15'SI
Customer Representative	Pro-Stim Supervisor		<i>Shannon M.</i>		

Pro-Stim Chemicals, LLC

OCT 28 2011

Invoice

P.O. Box 25  
 Cheyenne Wells, CO 80810

Date	Invoice #
10/15/2011	57985

Bill To
Grand Mesa Operating Co. 1700 N. Waterfront Pkwy - Bldg 600 Wichita, KS 67206-6614

Ship To

Requested By	Terms	Sales Rep.	Ship	Lease
	Net 30	S M	10/11/2011	HESS CHRISTY 1-

Quantity	Item Code	Description	Price Each	Amount
250	RWR-1 15%	GALLONS	2.82	705.00
5	RENAB	GALLONS	17.89	89.45
1	AR-630	GALLONS	25.79	25.79
28	KCL BIOCID - 2%	BRLS	3.16	88.48
1	DUMP JOB		158.00	158.00T
3	TRUCK TIME	HOURS	95.00	285.00T
		Sales Tax - LOGAN CO.	7.80%	34.55

			<b>Total</b>	\$1,386.27
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Phone #	Fax #	E-mail
719-767-8071	719-767-5925	prostim@hotmail.com

*Paul  
 342 0791  
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