



PO Box 470308
Fort Worth, TX 76147

Voice: (817) 546-7282
Fax: (817) 246-3361

INVOICE

Invoice Number: 129744
Invoice Date: Dec 30, 2011
Page: 1

Bill To:
CMX, Inc.
1700 N Waterfront Parkway
Bldg 300, Suite B
Wichita, KS 67206

Federal Tax I.D.#: 20-5975804

Customer ID	Well Name / # of Closures / P/O	Payment Terms	
CMX	Socratus # 1-H	Net 30 Days	
Job Location	Camp Location	Start Date	End Date
KS2-01	Medicine Lodge	Dec 30, 2011	1/29/12

Quantity	Item	Description	Unit Price	Amount
200.00	MAT	Class A Common	16.25	3,250.00
4.00	MAT	Gel	21.25	85.00
7.00	MAT	Chloride	58.20	407.40
211.00	SER	Handling	2.25	474.75
25.00	SER	Mileage	23.21	580.25
1.00	SER	Surface	1,125.00	1,125.00
25.00	SER	Heavy Vehicle Mileage	7.00	175.00
1.00	SER	Manifold Head Rental	200.00	200.00
25.00	SER	Light Vehicle Mileage	4.00	100.00
1.00	EQP	13 3/8 TRP	341.00	341.00
1.00	EQP	13 3/8 Guide Shoe	672.00	672.00
1.00	EQP	13 3/8 Sure Seal Float Collar	1,460.00	1,460.00
3.00	EQP	13 3/8 Centralizers	73.00	219.00
1.00	EQP	13 3/8 Limit Ring	73.00	73.00
1.00	CEMENTER	David Fello		
1.00	EQUIP OPER	Matt Thimesch		
1.00	EQUIP OPER	Adam Miller		

Subtotal	9,162.40
Sales Tax	475.04
Total Invoice Amount	9,637.44
Payment/Credit Applied	
TOTAL	9,637.44

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

ONLY IF PAID ON OR BEFORE

Jan 23, 2012

1832.48

INVOICE

HALLIBURTON

Halliburton Energy Services, Inc.

Remit To: P.O. Box 203143, Houston, TX 77216-3143

Wire Transfer Information

Account Number: Account 00032969

ABA Routing Number: 021000089

Invoice Date: January 10, 2012

Invoice Number: 98282276

DIRECT CORRESPONDENCE TO:
 P.O. Box 69
 Burns Flat, OK 73624-0069
 US
 Tel: (580) 562-3131
 Fax: (580) 562-3387

Rig Name:
 Well Name: CMX SOCRATES 1-H,RICE
 Ship to: LYONS, KS 67554
 RICE
 Job Date: January 08, 2012
 Cust. PO No.: NA
 Payment Terms: Net 20 days from Invoice date
 Quote No.:
Sales Order No.: 9191684
 Manual Ticket No.:
 Shipping Point: BURNS FLAT Shipping Point
 Ultimate Destination Country: US
 Customer Account No.: 316054

TO:
 CMX INC
 BLDG. 300 STE B
 1700 N WATERFRONT PKWY
 WICHITA KS 67206

Contract No.:
 Contract from:
 Contract to:

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
7522	CMT INTERMEDIATE CASING BOM / JP015	1.00	JOB					
2	MILEAGE FOR CEMENTING CREW,ZI 000-119	400.000	MI		5.76	2,304.00	1,267.20	1,036.80
	Number of Units	1	unit					
1	ZI-MILEAGE FROM NEAREST HES BA 000-117	400.000	MI		9.79	3,916.00	2,153.80	1,762.20
	Number of Units	1	unit					
16091	ZI - PUMPING CHARGE 001-016	1.000	EA		4,790.00	4,790.00	2,634.50	2,155.50
	DEPTH FEET/METERS (FT/M)	3,740	FT					
141	RCM II W/ADC,/JOB,ZI 046-065	1.000	JOB		1,990.00	1,990.00	1,094.50	895.50
	NUMBER OF UNITS	1	each					
132	PORT. DAS W/CEMWIN;ACQUIRE W/H 045-050	1.000	JOB		1,649.00	1,649.00	906.95	742.05
	NUMBER OF DAYS	1	Days					
74038	ZI PLUG CONTAINER RENTAL-1ST D DAYS OR FRACTION (MIN1)	1.000	EA	1,322.00		1,322.00	727.10	594.90
		1	Days					
*101229888	PLUG,CMTG.TOP,7,HWE,5.66 MIN/6 / PLUG, CEMENTING, TOP, 7, HWE, 5.66 / MIN/6.54 MAX CASING ID, SYNTHETIC / SERVICE	1.000	EA		289.00	289.00	158.95	130.05
*452992	ECONOCEM (TM) SYSTEM CMT, EconoCem (TM) system	25.00	SK		27.82	695.50	382.53	312.97

INVOICE

HALLIBURTON

Continuation

Halliburton Energy Services, Inc.

Remit To: P.O. Box 203143, Houston, TX 77216-3143

Invoice Date: January 10, 2012

Invoice Number: 98282276

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
*100064022	CALSEAL 60 508-127516.00335 / CHEMICAL - CAL SEAL - BULK	3.000	SK		97.60	292.80	161.04	131.76
*100001617	HALAD-9	9.000	LB		31.41	282.69	155.48	127.21
*100064233	KOL-SEAL CHEMICAL, KOL-SEAL LOST CIRCULATION / ADDITIVE, BULK	125.000	LB		1.64	205.00	112.75	92.25
*452992	ECONOCEM (TM) SYSTEM CMT, EconoCem (TM) system	120.00	SK		27.82	3,338.40	1,836.12	1,502.28
*100064022	CALSEAL 60 508-127516.00335 / CHEMICAL - CAL SEAL - BULK	11.000	SK		97.60	1,073.60	590.48	483.12
*100001617	HALAD-9	43.000	LB		31.41	1,350.63	742.85	607.78
*100064233	KOL-SEAL CHEMICAL, KOL-SEAL LOST CIRCULATION / ADDITIVE, BULK	600.000	LB		1.64	984.00	541.20	442.80
76400	ZI MILEAGE,CMT MTLs DEL/RET MI 500-306 / MILEAGE,CMTG MTLs DEL/RET PER/TON MI.MIN NUMBER OF TONS	200.000	MI		3.35	5,132.20	2,822.71	2,309.49
3965	HANDLE&DUMP SVC CHRg, CMT&ADDI 500-207 NUMBER OF EACH	186.000	CF		5.49	1,021.14	561.63	459.51
86954	ZI FUEL SURCHG-CARS/PICKUPS<1 FUEL SURCHG-CARS/PICKUPS<1 1/2TON/PER/MI Number of Units	400.000	MI		0.23	92.00		92.00
86955	ZI FUEL SURCHG-HEAVY TRKS >1 1 FUEL SURCHG-HEAVY TRKS >1 1/2 TON/PER MI Number of Units	400.000	MI		0.68	272.00		272.00
87605	ZI FUEL SURCHG-CMT & CMT ADDIT FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM NUMBER OF TONS	200.000	MI		0.23	352.36		352.36
372867	Cmt PSL - DOT Vehicle Charge, Cmt PSL - DOT Vehicle Charge, CMT	2.000	EA		241.00	482.00		482.00

INVOICE

Continuation

HALLIBURTON

Halliburton Energy Services, Inc.

Remit To: P.O. Box 203143, Houston, TX 77216-3143

Invoice Date: January 10, 2012

Invoice Number: 98282276

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
16092	ADDITIONAL HOURS (PUMPING EQUI / / / 001-018 / CSG PUMPING,ADD HR,ZI HOURS	8.000	EA		927.00	7,416.00	4,078.80	3,337.20
		1.00	hr					
	Taxable							3,830.22
	Non-Taxable							14,491.51
	Total					39,250.32	20,928.59	18,321.73
	INVOICE TOTAL					39,250.32	20,928.59	18,321.73
	Sales Tax - State -KS							241.31
	Sales Tax - County -RICE							38.30
								18,601.34
								US Dollars

Payment Terms:

If Customer does not have an approved open account with Halliburton, all sums are payable in cash at the time of performance of services or delivery of equipment, products, or materials. If Customer has an approved open account, invoices are payable based upon the payment terms stated on this invoice or as otherwise stated in the applicable Halliburton contract governing performance or delivery. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable. In the event Halliburton employs an attorney for collection of any amount, Customer agrees to pay all reasonable and necessary attorney fees to recover the unpaid amount, plus all collection and court costs.

Damon Ditta Phone: 9185815209 Cell: 918-605-5708

HALLIBURTON

SALES ORDER

Halliburton Energy Services, Inc.

Sales Order Number: 9191684

Sales Order Date: January 07, 2012

SOLD TO:
 CMX INC
 BLDG. 300 STE B
 1700 N WATERFRONT PKWY
 WICHITA KS 67206
 USA

Rig Name:
Well/Rig Name: CMX SOCRATES 1-H,RICE
Company Code: 1100
Customer P.O. No.: NA
Shipping Point: Burns Flat, OK, USA
Sales Office: Mid-Continent BD
Well Type: Gas
Well Category: Development
Service Location: 0031
Payment Terms: Net 20 days from invoice date
Ticket Type: Services
Order Type: ZOH

SHIP TO:
 CMX SOCRATES 1-H,RICE
 SOCRATES 1-H
 RICE
 LYONS KS 67554
 USA

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
7522	CMT INTERMEDIATE CASING BOM / JPO15	1.00	JOB					
2	MILEAGE FOR CEMENTING CREW,ZI 000-119 Number of Units	400.000 1	MI unit		5.76	2,304.00	1,267.20-	1,036.80
1	ZI-MILEAGE FROM NEAREST HES 000-117 Number of Units	400.000 1	MI unit		9.79	3,916.00	2,153.80-	1,762.20
16091	ZI - PUMPING CHARGE 001-016 DEPTH FEET/METERS (FT/M)	1.000 3,740 FT	EA		4,790.00	4,790.00	2,634.50-	2,155.50
141	RCM II W/ADC,/JOB,ZI 046-065 NUMBER OF UNITS	1.000 1	JOB each		1,990.00	1,990.00	1,094.50-	895.50
132	PORT. DAS W/CEMWIN,ACQUIRE 045-030 NUMBER OF DAYS	1.000 1	JOB Days		1,649.00	1,649.00	906.95-	742.05
74038	ZI PLUG CONTAINER RENTAL-1ST DAYS OR FRACTION (MIN1)	1.000 1	EA Days	1,322.00		1,322.00	727.10-	594.90

HALLIBURTON

Halliburton Energy Services, Inc.

Sales Order Number: 9191684

Sales Order Date: January 07, 2012

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
101229888	PLUG,CMTG,TOP,7,HWE,5.66 / PLUG, CEMENTING, TOP, 7, HWE, 5.66 / MIN/6.54 MAX CASING ID, SYNTHETIC / SERVICE	1.000	EA		289.00	289.00	158.95-	130.05
452992	ECONOCEM (TM) SYSTEM CMT, EconoCem (TM) system	25.00	SK		27.82	695.50	382.53-	312.97
100064022	CALSEAL 60 508-127516.00335 / CHEMICAL - CAL SEAL - BULK	3.000	SK		97.60	292.80	161.04-	131.76
100001617	HALAD-9	9.000	LB		31.41	282.69	155.48-	127.21
100064233	KOL-SEAL CHEMICAL, KOL-SEAL LOST CIRCULATION / ADDITIVE, BULK	125.000	LB		1.64	205.00	112.75-	92.25
452992	ECONOCEM (TM) SYSTEM CMT, EconoCem (TM) system	120.00	SK		27.82	3,338.40	1,836.12-	1,502.28
100064022	CALSEAL 60 508-127516.00335 / CHEMICAL - CAL SEAL - BULK	11.000	SK		97.60	1,073.60	590.48-	483.12
100001617	HALAD-9	43.000	LB		31.41	1,350.63	742.85-	607.78
100064233	KOL-SEAL CHEMICAL, KOL-SEAL LOST CIRCULATION / ADDITIVE, BULK	600.000	LB		1.64	984.00	541.20-	442.80
76400	ZI MILEAGE,CMT MTLs DEL/RET 500-306 / MILEAGE,CMTG MTLs DEL/RET PERTON MI.MIN NUMBER OF TONS	200.000	MI		3.35	5,132.20	2,822.71-	2,309.49
3965	HANDLE&DUMP SVC CHRg, 500-207 NUMBER OF EACH	186.000	CF		5.49	1,021.14	561.63-	459.51
86954	ZI FUEL SURCHG-CARS/PICKUPS<1 1/2TON	400.000	MI		0.23	92.00		92.00

HALLIBURTON

Halliburton Energy Services, Inc.

Sales Order Number: 9191684

Sales Order Date: January 07, 2012

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
	FUEL SURCHG-CARS/PICKUPS<1 1/2TON/PER/MI Number of Units	1	unit					
86955	ZI FUEL SURCHG-HEAVY TRKS >1 1/2 TON FUEL SURCHG-HEAVY TRKS >1 1/2 TON/PER MI Number of Units	400.000	MI		0.68	272.00		272.00
87605	ZI FUEL SURCHG-CMT & CMT ADDITIVES FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM NUMBER OF TONS	200.000	MI		0.23	352.36		352.36
		7.66	ton					
372867	Cmt PSL - DOT Vehicle Charge, CMT Cmt PSL - DOT Vehicle Charge, CMT	2.000	EA		241.00	482.00		482.00
16092	ADDITIONAL HOURS (PUMPING /// 001-018 / CSG PUMPING,ADD HR,ZI HOURS	8.000	EA		927.00	7,416.00	4,078.80-	3,337.20
		1.00	hr					
SALES ORDER AMOUNT						39,250.32	20,928.59-	
SALES ORDER TOTAL						39,250.32	20,928.59-	18,321.73
Sales Tax - State								241.31
Sales Tax - County								38.30
Total Weight: 15,747.98 LB								18,601.34 US Dollars

INVOICE INSTRUCTIONS:

Operator Name:
Customer Agent:

Halliburton Approval: X _____
Customer Signature: X _____

HALLIBURTON

Field Ticket

Field Ticket Number: 9191684		Field Ticket Date: 8-Jan-12	
Bill To: CMX INC 1700 N. WATERFRONT PKWY WICHITA, KS 67206		Job Name: Intermediate:Casing Order Type: Streamline Order (ZOH) Well Name: Socrates 1-H Company Code: 1100 Customer PO No.: NA Shipping Point: Burns Flat, OK, USA Sales Office: Mid-Continent BD Well Type: Gas Well Category: Development	
Ship To: CMX SOCRATES 1-H,RICE SOCRATES 1-H 2901091 LYONS, KS 67554			

Material	Description	QTY	UOM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount
7522	CMT INTERMEDIATE CASING BOM	1	JOB	0.00	0.00	0.00		0.00
2	MILEAGE FOR CEMENTING CREW,ZI <i>Number of Units</i>	400 1	MI	0.00	5.76	2,304.00	55%	1,036.80 ✓
1	ZI-MILEAGE FROM NEAREST HES BASE,UNIT <i>Number of Units</i>	400 1	MI	0.00	9.79	3,916.00	55%	1,762.20 ✓
16091	ZI - PUMPING CHARGE <i>DEPTH</i> <i>FEET/METERS (FT/M)</i>	1 3740	EA FT	0.00	4,790.00	4,790.00	55%	2,155.50 ✓
141	RCM II WIADC,JOB,ZI <i>NUMBER OF UNITS</i>	1 1	JOB	0.00	1,990.00	1,990.00	55%	895.50 ✓
132	PORT. DAS WICEMWIN;ACQUIRE WIHES, ZI <i>NUMBER OF DAYS</i>	1 1	JOB	0.00	1,649.00	1,649.00	55%	742.05 ✓
74038	ZI PLUG CONTAINER RENTAL-1ST DAY <i>DAYS OR FRACTION (MIN1)</i>	1 1	EA	1,322.00	0.00	1,322.00	55%	594.90 ✓
101229888	PLUG,CMTG;TOP.7,HWE,5.65-MIN/8.54 MAX CS	1 ✓	EA	0.00	289.00	289.00	55%	130.05 ✓
452992	ECONOCEM (TM) SYSTEM	25 ✓	SK			695.50	55%	312.97 ✓
100064022	CALSEAL 60	3 ✓	SK	0.00	97.60	292.80	55%	131.78 ✓
100001617	HALAD-9	9 ✓	LB	0.00	31.41	282.69	55%	127.21 ✓
100084233	KOL-SEAL	125 ✓	LB	0.00	1.64	205.00	55%	92.25 ✓
452992	ECONOCEM (TM) SYSTEM	120 ✓	SK			3,338.40	55%	1,502.28 ✓
100064022	CALSEAL 60	11 ✓	SK	0.00	97.60	1,073.60	55%	483.12 ✓

Field Ticket Number: 9191684

Field Ticket Date: January 08, 2012
1 of 3

HALLIBURTON

Field Ticket

Field Ticket Number: 9191684	Field Ticket Date: 8-Jan-12
Bill To: CMX INC 1700 N WATERFRONT PKWY WICHITA, KS 67208	Job Name: Intermediate Casing Order Type: Streamline Order (ZOH) Well Name: Socrates 1-H Company Code: 1100 Customer PO No.: NA Shipping Point: Burns Flat, OK, USA Sales Office: Mid-Continent BD Well Type: Gas Well Category: Development
Ship To: CMX SOCRATES 1-H, RICE SOCRATES 1-H 2901091 LYONS, KS 67554	

Material	Description	QTY	UOM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount
100001617	HALAD-9	43	LB	0.00	31.41	1,350.63	55%	607.78
100064233	KOL-SEAL	600	LB	0.00	1.64	984.00	55%	442.80
76400	ZI MILEAGE, CMT, MTL'S DEL/RET MIN NUMBER OF TONS	200 7.66	MI	0.00	3.35	5,132.20	55%	2,309.49
3985	HANDLE & DUMP SVC: CHR, CMT & ADDITIVES, ZI NUMBER OF EACH	186 1	CF	0.00	5.49	1,021.14	55%	459.51
86954	ZI FUEL SURCHG-CARS/PICKUPS < 1 1/2 TON Number of Units	400 1	MI	0.00	0.23	92.00		92.00
86955	ZI FUEL SURCHG-HEAVY TRKS > 1 1/2 TON Number of Units	400 1	MI	0.00	0.68	272.00		272.00
87605	ZI FUEL SURCHG-CMT & CMT ADDITIVES NUMBER OF TONS	200 7.66	MI	0.00	0.23	352.36		352.36
372867	Cmt PSL - DOT Vehicle Charge, CMT	2	EA	0.00	241.00	482.00		482.00
16092	ADDITIONAL HOURS (PUMPING EQUIPMENT); ZI HOURS	8 1	EA	0.00	927.00	7,416.00	55%	3,337.20
Totals						USD		
						39,250.32	20,928.59	18,321.73

Halliburton Rep: SCOTTY WALTON
 Customer Agent:
 Halliburton Approval


HALLIBURTON

Field Ticket

Field Ticket Number: 9191684		Field Ticket Date: 8-Jan-12	
Bill To: CMX INC 1700 N WATERFRONT PKWY WICHITA, KS 67206		Job Name: Intermediate Casing. Order Type: Streamline Order (ZOH) Well Name: Socrates 1-H Company Code: 1100 Customer PO No.: NA Shipping Point: Burns Flat, OK, USA Sales Office: Mid-Continent BD Well Type: Gas Well Category: Development	
Ship To: CMX SOCRATES 1-H,RICE SOCRATES 1-H 29D1091 LYONS, KS 67554			

Material	Description	QTY	UDM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount
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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.

X 

 Customer Signature

FIELD TICKET TOTAL: USD 18,321.73

Was our HSE performance satisfactory? Y or N Were you satisfied with our Equipment? Y or N Were you satisfied with our people? Y or N
 (Health, Safety, Environment)

Comments:

Did we provide job/DVA above our normal service today? Y or N Hours: _____ Other: _____ Customer Initials: _____
 Please provide details:

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 316054	Ship To #: 2901091	Quote #:	Sales Order #: 9191684										
Customer: CMX INC	Customer Rep:												
Well Name: Socrates	Well #: 1-H	API/UWI #:											
Field:	City (SAP): LYONS	County/Parish: Rice	State: Kansas										
Legal Description: Section 10, Township 21S, Range 7W													
Contractor: Duke	Rig/Platform Name/Nuri: 20												
Job Purpose: Cement Intermediate Casing													
Well Type: Development Well	Job Type: Cement Intermediate Casing												
Sales Person: CRAWFORD, ROBERT	Srvc Supervisor: WALTON, SCOTTY	MBU ID Emp #: 478229											
Job Personnel													
HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #					
SEELY, MATTHEW Lance	18	507547	TURNER, DANIEL J	18	461812	WALTON, SCOTTY Dwayne	18	478229					
Equipment													
HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way						
Job Hours													
Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours					
1-7-12	6	0	1-8-12	12	1								
TOTAL	Total is the sum of each column separately												
Job				Job Times									
Formation Name				Date	Time	Time Zone							
Formation Depth (MD)	Top	Bottom		Called Out	07 - Jan - 2012	12:00	CST						
Form Type	BHST			On Location	07 - Jan - 2012	18:00	CST						
Job depth MD	3740. ft			Job Started	08 - Jan - 2012	10:04	CST						
Water Depth	Wk Ht Above Floor			Job Completed	08 - Jan - 2012	10:43	CST						
Perforation Depth (MD)	From	To		Departed Loc	08 - Jan - 2012	11:50	CST						
Well Data													
Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft		
Intermediate Casing Open Hole				8.75				1000.	3740.	1000.	3415.		
Intermediate Casing	Unknown		7.	6.366	23.		N-80		3740.		3415.		
Surface Casing	Unknown		9.625	8.921	36.			1000.					
Tools and Accessories													
Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			
Miscellaneous Materials													
Gelling Agt		Conc		Surfactant		Conc		Acid Type		Qty		Conc	%
Treatment Fid		Conc		Inhibitor		Conc		Sand Type		Size		Qty	
Fluid Data													
Stage/Plug #: 1													
Fluid #	Stage Type	Fluid Name			Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk		

HALLIBURTON

Cementing Job Summary

Stage/Plug # 1										
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	
1	50/50 POZ Standard	ECONOCEM (TM) SYSTEM (452992)	25.0	sacks	12.7	2.02	10.33		10.33	
	10 %	CAL-SEAL 60, BULK (100064022)								
	0.4 %	HALAD(R)-9, 50 LB (100001617)								
	5 lbm	KOL-SEAL, BULK (100064233)								
	10.33 Gal	FRESH WATER								
2	50/50 POZ Standard	ECONOCEM (TM) SYSTEM (452992)	120.0	sacks	14.15	1.52	6.57		6.57	
	10 %	CAL-SEAL 60, BULK (100064022)								
	0.4 %	HALAD(R)-9, 50 LB (100001617)								
	5 lbm	KOL-SEAL, BULK (100064233)								
	6.57 Gal	FRESH WATER								
3	Drilling Mud		146.00	bbl	9.2	.0	.0	.0		
Calculated Values		Pressures			Volumes					
Displacement	146bbl	Shut In: Instant		Lost Returns	0	Cement Slurry	39	Pad		
Top Of Cement	2615ft	5 Min		Cement Returns	0	Actual Displacement	146	Treatment		
Frac Gradient		15 Min		Spacers	0	Load and Breakdown		Total Job		
Rates										
Circulating		Mixing		Displacement		Avg. Job				
Cement Left in Pipe	Amount	40 ft	Reason	Shoe Joint						
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID			
The Information Stated Herein Is Correct				Customer Representative Signature <i>Ed [Signature]</i>						

HALLIBURTON

Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 316054	Ship To #: 2901091	Quote #:	Sales Order #: 9191684
Customer: CMX INC		Customer Rep:	
Well Name: Socrates	Well #: 1-H	API/UWI #:	
Field:	City (SAP): LYONS	County/Parish: Rice	State: Kansas
Legal Description: Section 10 Township 21S Range.7W			
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.		Long: E 0 deg. OR E 0 deg. 0 min. 0 secs.	
Contractor: Duke	Rig/Platform Name/Num: 20		
Job Purpose: Cement Intermediate Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Intermediate Casing	
Sales Person: CRAWFORD, ROBERT	Srcv Supervisor: WALTON, SCOTTY	MBU ID Emp #: 478229	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	01/07/2012 12:00							Scotty Walton, Daniel Turner, Lance Seely
Pre-Convoy Safety Meeting	01/07/2012 13:00							Scotty Walton, Daniel Turner, Lance Seely
Depart from Service Center or Other Site	01/07/2012 13:30							
Arrive At Loc	01/07/2012 18:00							Arrived at Location Safely, Went over job procedures, calculations, and safety hazards. (Well TD 3749ft, Total Casing 3753.22ft, Shoe 40.36ft, 9.3ppg Mud, Pulling Drillpipe)
Assessment Of Location Safety Meeting	01/07/2012 18:05							Identified all Potential hazards and Safe Work Zones
Pre-Rig Up Safety Meeting	01/08/2012 07:50							All HES Personnel Present (watch for trip hazards, low lite areas, pinch points, confined spaces, and wear all appropriate PPE)
Rig-Up Equipment	01/08/2012 08:00							
Rig-Up Completed	01/08/2012 09:00							Rig Up Completed Safely
Circulate Well	01/08/2012 09:30							Rig Circulated Well for 1900Strokes
Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	

Sold To #: 316054

Ship To #: 2901091

Quote #:

Sales Order #:

9191684

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Sunday, January 08, 2012 11:32:00

HALLIBURTON

Cementing Job Log

Pre-Job Safety Meeting	01/08/2012 09:35							All HES, Customer Rep., and Rig Crew Present (Went over dangers of being near pressurized lines, PPE, Pumping Procedures, heat stress and safe zones, muster point, and nearest hospital)
Pressure Test	01/08/2012 10:04							Test Lines to 5000PSI (Rig Floor Clear, and Pumping Equipment area Clear, 7" 23# N-80 Casing Burst at 80% 6340*8= 5072PSI Max Pressure)
Pump Spacer	01/08/2012 10:08		5.5	10	0		75.0	Pump 10BBL of Freshwater Spacer
Pump Lead Cement	01/08/2012 10:12		5.7	9	0		150.0	Pump 9BBL of 12.7PPG Halliburton 50/50 POZ Standard Cement (25 Sacks 2.02ft3/sk, 10.33gal/sk)(25sks*2.02ft3/sk= 50.5ft3* .1781 bbl/ft3= 9BBL)
Pump Tail Cement	01/08/2012 10:13		5.7	32	0		200.0	Pump 32BBL of 14.16PPG Halliburton 50/50 POZ Standard Cement (120 Sacks 1.52ft3/sk, 6.57gal/sk)(120sks*1.52ft3/sk= 182.4ft3* .1781 bbl/ft3= 32BBL)
Shutdown	01/08/2012 10:18							Pumping Cement Completed
Drop Top Plug	01/08/2012 10:19							Plug Left Cementing Head
Pump Displacement	01/08/2012 10:20		7	146	0		75.0	Started Displacement Pumping 7BPM Until Displacement Reaches Cement (Disp: 53712.86ft* .0393bbl/ft= 145.9bbl)
Slow Rate	01/08/2012 10:40		3	146	136		750.0	Slowed Rate to Bump Plug
Bump Plug	01/08/2012 10:42		3	146	146		1300.0	Bumped Plug 500Psi Over Pumping Pressure
Check Floats	01/08/2012 10:43		0	146	146		.0	Floats Held (Full Returns Throught Job)
Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl Stage	Volume bbl Total	Pressure psig Tubing	Pressure psig Casing	Comments

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Quote #:

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HALLIBURTON

Cementing Job Log

Pre-Rig Down Safety Meeting	01/08/2012 10:45							All HES Personell Present (Went Over Heat Stress, PPE, Pinch Points, Trip Hazards, and Importance of Communication)
Rig-Down Equipment	01/08/2012 10:50							
Depart Location for Service Center or Other Site	01/08/2012 11:30							Scotty Walton, Daniel Turner, Lance Seely
Rig-Down Completed	01/08/2012 11:40							Rig Down Completed Safely
Depart Location Safety Meeting	01/08/2012 11:45							Scotty Walton, Daniel Turner, Lance Seely

Sold To #: 316054

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Quote #:

Sales Order #: 9191684

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Sunday, January 08, 2012 11:32:00