



# CEMENTER'S WELL SERVICE, INC.

P.O. BOX 336220 • GREELEY, CO 80633 • (970) 353-7299 • FAX (970) 353-7712

OUR INVOICE

## 199809

Date <u>8/11/2011</u>	Well Owner <u>APOLLO</u>	Well No. <u>11-32D</u>	Lease <u>LOELYN</u>
County <u>Weld</u>	State <u>Colorado</u>	Field	
Charge to <u>APOLLO OPERATING LLC</u>	Charge Code		For Office Use Only
Address <u>1538 WAZEE STE 200 (FORT #5)</u>			
City, State <u>DENVER, COLORADO 80202</u>			
Pump Truck No. <u>1201</u>	Code	Bulk Truck No. <u>1217</u>	Code
Type of Job	Depth	Ft. <u>655</u>	To
Surface <u>8 5/8" CSC JHT</u>	Bottom of Surface	Ft. <u>645</u>	To
Plug	Plug Landed @ <u>100</u>	Ft.	Time On <u>1100</u>
Production	Pipe Landed @ <u>645</u>	Ft.	Time-Off <u>Time Down 1500</u>

Reference No.	Description	Qty.	Meas.	Unit Price	Amount
	Pump Truck Charge				
	Cement Neat ✓	<u>410</u>	<u>SKS</u>		<u>9031 00</u>
	Poz. Mix				
	Calcium Chloride	<u>390</u>			
	Gel % Flo-Cele <u>1/4 #Per Sack</u>				
	Handling Charge				
	Hauling Charge				
	Additional Cement				
<u>8/5/8</u>	<u>CEMENT GLINE SHOE</u>	<u>1</u>			<u>375 00</u>
<u>1"</u>	<u>CEMENT BASKET</u>	<u>2</u>		<u>375</u>	<u>750 00</u>
<u>1"</u>	<u>CENTRALIZERS</u>	<u>2</u>		<u>70.00</u>	<u>140 00</u>
<u>1"</u>	<u>BAFFLE PLATE</u>	<u>1</u>			<u>200 00</u>
	<u>BOX THREAD LOCK</u>	<u>1</u>			<u>30 00</u>
	<u>MIXING RATE 4 RPM / DISP RATE 5 RPM</u>				
	<u>SLURRY VOL 1.15 CU FT / SK - SLURRY WT 14.8 15.0 LBS</u>				
	<u>TOTAL SLURRY VOL 96.9 BBL CEMENT / PLUG LANDED @ 500 PST</u>				

Remarks: <u>W/ FLUSH 1.1/20 RINS H2O</u>	Tax Reference Code	Sub Total	<u>10526 00</u>
<u>DISPLACE W/ 20 RINS H2O</u>	State <u>CO 2.9 %</u>	Tax	<u>305 25</u>
<u>CIRCULATE 3 BBL CEMENT</u>	Disc.	Total	<u>10831 25</u>

Truck No.	Code	State Mileage	Nebraska	Colorado	Wyoming	Other	Total Mileage
<u>1201</u>		Pump Truck		<u>67</u>			
<u>1217</u>		Bulk Truck		<u>67</u>			

We do not assume any responsibility for any damage or conditions resulting from our services. All pricing is subject to review and revision.

Delivered By JIM ADAM / STEVE

Received By [Signature]  
Customer or His Agent

# HALLIBURTON

## SALES ORDER

Halliburton Energy Services, Inc.

**Sales Order Number: 8394046**

**Sales Order Date: August 17, 2011**

**SOLD TO:**

APOLLO OPERATING  
1538 WAZEE ST #200  
DENVER CO 80202  
USA

**Rig Name:**

**Well/Rig Name:** APOLLO LOEWEN 11-32D,WELD  
**Company Code:** 1100  
**Customer P.O. No.:** NA  
**Shipping Point:** Brighton, CO, USA  
**Sales Office:** Rocky Mountains BD  
**Well Type:** Gas  
**Well Category:** Development  
**Service Location:** 0201  
**Payment Terms:** Net 20 days from Invoice date  
**Ticket Type:** Services  
**Order Type:** ZOH

**SHIP TO:**

APOLLO LOEWEN 11-32D,WELD  
LOEWEN 11-32D  
S32 T4N R68W  
BERTHOUD CO 80513  
USA

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
7523	CMT PRODUCTION CASING BOM JP035	1.00	JOB					
2	MILEAGE FOR CEMENTING CREW,ZI 000-119 Number of Units	70.000 1	MI unit		5.76	403.20	241.92-	161.28
1	ZI-MILEAGE FROM NEAREST HES 000-117 Number of Units	70.000 1	MI unit		9.79	685.30	411.18-	274.12
16091	ZI - PUMPING CHARGE 001-016 DEPTH FEET/METERS (FT/M)	1.000 7,476	EA FT		9,081.00	9,081.00	5,448.60-	3,632.40
76400	ZI MILEAGE,CMT MTLs DEL/RET 500-306 / MILEAGE,CMTG MTLs DEL/RET PER/TON MI.MIN NUMBER OF TONS	35.000 33.40	MI ton		3.35	3,916.15	2,349.69-	1,566.46
3965	HANDLE&DUMP SVC CHRg, 500-207 NUMBER OF EACH	834.000 1	CF each		5.49	4,578.66	2,747.20-	1,831.46
114	R/A DENSOMETER W/CHART	1.000	JOB		1,285.00	1,285.00	771.00-	514.00

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Halliburton Energy Services, Inc.

Sales Order Number: 8394046

Sales Order Date: August 17, 2011

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
	019-500 NUMBER OF UNITS	1	each					
139	ADC (AUTO DENSITY CTRL) SYS, 046-050 NUMBER OF UNITS	1.000	JOB		2,275.00	2,275.00	1,365.00-	910.00
130104	PORT. DATA ACQUIS. W/OPTICEM PORT. DATA ACQUIS. W/OPTICEM RT W/HES DAYS OR PARTIAL DAY(WHOLE NO.)	1.000	EA		2,549.00	2,549.00	- 1,529.40-	1,019.60
74038	ZI PLUG CONTAINER RENTAL-1ST DAYS OR FRACTION (MIN1)	1.000 1	EA Days	1,322.00		1,322.00	793.20-	528.80
90	ZI QUICK LATCH ATTACHMENT 019-251 SIZE IN INCHES/MILLIMETER INCHES/MILLIMETERS (IN/MM)	1.000 4.500 IN	JOB in		491.00	491.00	294.60-	196.40
7	ENVIRONMENTAL SURCHARGE,/JOB,ZI 000-150	1.000	JOB		134.00	134.00		134.00
8	IRON SAFETY INSPECTION SURCHARGE /JOB ZI 000-151	1.000	JOB		83.00	83.00		83.00
372867	Cmt PSL - DOT Vehicle Charge, CMT Cmt PSL - DOT Vehicle Charge, CMT	3.000	EA		241.00	723.00		723.00
86954	ZI FUEL SURCHG-CARS/PICKUPS <1 1/2TON FUEL SURCHG-CARS/PICKUPS <1 1/2TON/PER/MI Number of Units	70.000 1	MI unit		0.20	14.00		14.00
86955	ZI FUEL SURCHG-HEAVY TRKS >1 1/2 TON FUEL SURCHG-HEAVY TRKS >1 1/2 TON/PER MI Number of Units	70.000 1	MI unit		0.59	41.30		41.30

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Sales Order Number: 8394046

Sales Order Date: August 17, 2011

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
87605	ZI FUEL SURCHG-CMT & CMT ADDITIVES FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM NUMBER OF TONS	35.000 33.40	MI ton		0.20	233.80		233.80
92	PORTABLE RADIOS, ZI 019-254 NUMBER OF JOBS	5.000 1	EA Job		92.00	460.00		460.00
656520	CMT, S.O.T./S.M.M. Permit	2.000	EA		150.00	300.00		300.00
528788	MUD FLUSH III	24.000	BBL		94.45	2,266.80	1,360.08-	906.72
452992	ECONOCEM (TM) SYSTEM CMT, EconoCem (TM) system	450.00	SK		42.22	18,997.08	11,398.25-	7,598.83
452963	FRACCEN (TM) SYSTEM	250.00	SK		64.62	16,155.88	9,693.54-	6,462.34
100004879	SHOE,FLT,4-1/2 8RD,2-3/4 SSII SHOE, FLOAT, 4-1/2 8RD, K-55, 2-3/4 / SUPER SEAL II VALVE	1.000	EA		599.00	599.00	359.40-	239.60
100004752	CLR,FLT,4-1/2 8RD,9.5- COLLAR,FLOAT, 4-1/2 8RD 9.5-13.5 / LBS/FT, 2-3/4 SUPER SEAL II VALVE	1.000	EA		700.00	700.00	420.00-	280.00
100004473	CENTRALIZER ASSY - API - 4- CENTRALIZER ASSEMBLY, API, 4 1/2 CASING / X 7 7/8 HOLE, HINGED, WITH WELDED BOWS	30.000	EA		126.00	3,780.00	2,268.00-	1,512.00
100004622	CLAMP - LIMIT - 4-1/2 - CLAMP, LIMIT, 4 1/2, HINGED, FRICTION / GRIP, WITH DRAW BOLT	1.000	EA		44.20	44.20	26.52-	17.68
100005045	KIT,HALL WELD-A	1.000	EA		74.30	74.30	44.58-	29.72
100013745	PLUG ASSY - 3W LATCHDOWN - 4- 593801.0373 / PLUG ASSY - 3	1.000	EA		561.00	561.00	336.60-	224.40

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Sales Order Number: 8394046

Sales Order Date: August 17, 2011

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
100004364	WIPER LATCH-DOWN - 4-1/2 / CSG BAFFLE ASSY - 4-1/2 8RD BAFFLE, CAST IRON, 4-1/2 8RD LATCH DOWN / PLUG	1.000	EA		262.00	262.00	157.20-	104.80
101583425	CLAYFIX 3 CHEM, CLAYFIX 3, TOTE TANK	13.000	GAL		94.85	1,233.05	739.83-	493.22
<b>SALES ORDER AMOUNT</b>						<b>73,248.72</b>	<b>42,755.79-</b>	<b>30,492.93</b>
<b>SALES ORDER TOTAL</b>						<b>73,248.72</b>	<b>42,755.79-</b>	<b>30,492.93</b>
Sales Tax - State								632.23
Total Weight: 91,700.74 LB								31,125.16
								US Dollars

INVOICE INSTRUCTIONS:

Operator Name:  
Customer Agent:

Halliburton Approval: X  
Customer Signature: X

*Theresa Bailey*

# HALLIBURTON

## Field Ticket

<b>Field Ticket Number:</b> 8394046		<b>Field Ticket Date:</b> Wednesday, August 17, 2011	
<b>Bill To:</b> APOLLO OPERATING 1538 WAZEE ST #200 DENVER, CO 80202		<b>Job Name:</b> Loewen <b>Order Type:</b> Streamline Order (ZOH) <b>Well Name:</b> Loewen 11-32D <b>Company Code:</b> 1100 <b>Customer PO No.:</b> NA <b>Shipping Point:</b> Brighton, CO, USA <b>Sales Office:</b> Rocky Mountains BD <b>Well Type:</b> Gas <b>Well Category:</b> Development	
<b>Ship To:</b> APOLLO LOEWEN 11-32D,WELD LOEWEN 11-32D 2871988 S32 T4N R68W BERTHOUD, CO 80513			

Material	Description	QTY	UOM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount
7523	CMT PRODUCTION CASING BOM	1	JOB	0.00	0.00	0.00		0.00
2	MILEAGE FOR CEMENTING CREW,ZI	70	MI	0.00	5.76	403.20	60%	161.28
	Number of Units	1						
1	ZI-MILEAGE FROM NEAREST HES BASE,/UNIT	70	MI	0.00	9.79	685.30	60%	274.12
	Number of Units	1						
16091	ZI - PUMPING CHARGE	1	EA	0.00	9,081.00	9,081.00	60%	3,632.40
	DEPTH	7476						
	FEET/METERS (FT/M)		FT					
76400	ZI MILEAGE,CMT MTLs DEL/RET MIN	35	MI	0.00	3.35	3,916.15	60%	1,566.46
	NUMBER OF TONS	33.4						
3965	HANDLE&DUMP SVC CHRg, CMT&ADDITIVES,ZI	834	CF	0.00	5.49	4,578.66	60%	1,831.46
	NUMBER OF EACH	1						
114	R/A DENSOMETER W/CHART RECORDER,/JOB,ZI	1	JOB	0.00	1,285.00	1,285.00	60%	514.00
	NUMBER OF UNITS	1						
139	ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI	1	JOB	0.00	2,275.00	2,275.00	60%	910.00
	NUMBER OF UNITS	1						
130104	PORT. DATA ACQUIS. W/OPTICEM RT W/HES	1	EA	0.00	2,549.00	2,549.00	60%	1,019.60
	DAYS OR PARTIAL DAY(WHOLE NO.)	1						
74038	ZI PLUG CONTAINER RENTAL-1ST DAY	1	EA	1,322.00	0.00	1,322.00	60%	528.80
	DAYS OR FRACTION (MIN1)	1						
90	ZI QUICK LATCH ATTACHMENT	1	JOB	0.00	491.00	491.00	60%	196.40
	SIZE IN INCHES/MILLIMETER	4.5						
	INCHES/MILLIMETERS (IN/MM)		IN					

# HALLIBURTON

## Field Ticket

<b>Field Ticket Number:</b> 8394046		<b>Field Ticket Date:</b> Wednesday, August 17, 2011	
<b>Bill To:</b> APOLLO OPERATING 1538 WAZEE ST #200 DENVER, CO 80202		<b>Job Name:</b> Loewen <b>Order Type:</b> Streamline Order (ZOH) <b>Well Name:</b> Loewen 11-32D <b>Company Code:</b> 1100 <b>Customer PO No.:</b> NA <b>Shipping Point:</b> Brighton, CO, USA <b>Sales Office:</b> Rocky Mountains BD <b>Well Type:</b> Gas <b>Well Category:</b> Development	
<b>Ship To:</b> APOLLO LOEWEN 11-32D,WELD LOEWEN 11-32D 2871988 S32 T4N R68W BERTHOUD, CO 80513			

Material	Description	QTY	UOM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount
7	ENVIRONMENTAL SURCHARGE,/JOB,ZI	1	JOB	0.00	134.00	134.00		134.00
8	IRON SAFETY INSPECTION SURCHARGE /JOB ZI	1	JOB	0.00	83.00	83.00		83.00
372867	Cmt PSL - DOT Vehicle Charge, CMT	3	EA	0.00	241.00	723.00		723.00
86954	ZI FUEL SURCHG-CARS/PICKUPS<1 1/2TON	70	MI	0.00	0.20	14.00		14.00
	Number of Units	1						
86955	ZI FUEL SURCHG-HEAVY TRKS >1 1/2 TON	70	MI	0.00	0.59	41.30		41.30
	Number of Units	1						
87605	ZI FUEL SURCHG-CMT & CMT ADDITIVES	35	MI	0.00	0.20	233.80		233.80
	NUMBER OF TONS	33.4						
92	PORTABLE RADIOS, ZI	5	EA	0.00	92.00	460.00		460.00
	NUMBER OF JOBS	1						
656520	CMT, S.O.T./S.M.M. Permit	2	EA	0.00	150.00	300.00		300.00
528788	MUD FLUSH III	24	BBL	0.00	94.45	2,266.80	60%	906.72
452992	ECONOCEM (TM) SYSTEM	450	SK			18,997.08	60%	7,598.83
452963	FRACCEM (TM) SYSTEM	250	SK			16,155.88	60%	6,462.34
100004879	SHOE,FLT,4-1/2 8RD,2-3/4 SSII	1	EA	0.00	599.00	599.00	60%	239.60
100004752	CLR,FLT,4-1/2 8RD,9.5-13.5PPF,2-3/4	1	EA	0.00	700.00	700.00	60%	280.00
100004473	CENTRALIZER ASSY - API - 4-1/2 CSG X	30	EA	0.00	126.00	3,780.00	60%	1,512.00
100004622	CLAMP - LIMIT - 4-1/2 - HINGED -	1	EA	0.00	44.20	44.20	60%	17.68

# HALLIBURTON

## Field Ticket

Field Ticket Number: 8394046 Field Ticket Date: Wednesday, August 17, 2011

**Bill To:**  
 APOLLO OPERATING  
 1538 WAZEE ST #200  
 DENVER, CO 80202

**Job Name:** Loewen  
**Order Type:** Streamline Order (ZOH)  
**Well Name:** Loewen 11-32D  
**Company Code:** 1100  
**Customer PO No.:** NA  
**Shipping Point:** Brighton, CO, USA  
**Sales Office:** Rocky Mountains BD  
**Well Type:** Gas  
**Well Category:** Development

**Ship To:**  
 APOLLO LOEWEN 11-32D,WELD  
 LOEWEN 11-32D  
 2871988  
 S32 T4N R68W  
 BERTHOUD, CO 80513

Material	Description	QTY	UOM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount		
100005045	KIT,HALL WELD-A	1	EA	0.00	74.30	74.30	60%	29.72		
100013745	PLUG ASSY - 3W LATCHDOWN - 4-1/2 IN	1	EA	0.00	561.00	561.00	60%	224.40		
100004364	BAFFLE ASSY - 4-1/2 8RD LATCHDOWN PLUG	1	EA	0.00	262.00	262.00	60%	104.80		
101583425	CLAYFIX 3	13	GAL	0.00	94.85	1,233.05	60%	493.22		
<b>Halliburton Rep:</b> ERVIN HUGHES						<b>Totals</b>	<b>USD</b>	<b>73,248.72</b>	<b>42,755.79</b>	<b>30,492.93</b>

Customer Agent:  
 Halliburton Approval

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 30,492.93

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

Comments

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

\_\_\_\_\_

# HALLIBURTON

## Work Order Contract

Order Number

8394046

TO: HALLIBURTON ENERGY SERVICES, INC. - YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICE PERSONNEL TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO CUSTOMER LISTED BELOW AND DELIVER AND SELL PRODUCTS, SUPPLIES AND MATERIALS FOR THE PURPOSE OF SERVICING

Well No.	Farm or Lease	County	State	Well Permit Number
11-32D	Loewen	Weid	Colorado	20091629
Customer APOLLO OPERATING	Well Owner APOLLO OPERATING	Job Purpose Cement Production Casing		

THIS WORK ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED

A. CUSTOMER REPRESENTATION - Customer warrants that the well is in proper condition to receive the services, equipment, products, and materials to be supplied by Halliburton Energy Services, Inc. (hereinafter "Halliburton").

B. PRICE AND PAYMENT - The services, equipment, products, and/or materials to be supplied hereunder are priced in accordance with Halliburton's current price list. All prices of Halliburton are exclusive of any federal, state or municipal taxes which may be imposed on the sale or use of any materials, products or supplies furnished or services performed. Customer agrees to pay such taxes in addition to the prices in Halliburton's price list. If Customer does not have an approved open account with Halliburton, all sums due 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 on the twentieth day after the date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, or Halliburton's actual attorney fees, whichever is greater, plus all collection and court costs. Customer agrees that the amount of attorney fees set out herein are reasonable and necessary.

C. RELEASE AND INDEMNITY - Customer agrees to RELEASE Halliburton Group from any and all liability for any and all damages whatsoever to property of any kind owned by, in the possession of, or leased by Customer and those persons and entities Customer has the ability to bind by contract or which are co-interest owners or joint ventures with Customer. Customer also agrees to DEFEND, INDEMNIFY, AND HOLD Halliburton Group HARMLESS from and against any and all liability, claims, costs, expenses, attorney fees and damages whatsoever for personal injury, illness, death, property damage and loss resulting from loss of well control, services to control a wild well whether underground or above the surface, reservoir or underground damage, including loss of oil, gas, other mineral substances or water, surface damage arising from underground damage, damage to or loss of the well bore, subsurface trespass or any action in the nature thereof, fire, explosion, subsurface pressure, radioactivity, and pollution and contamination and its cleanup and control.

CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS obligations will apply even if the liability and claims are caused by the sole, concurrent, active or passive negligence, fault, or strict liability of one or more members of the Halliburton Group, the unseaworthiness of any vessel or any defect in the data, products, supplies, materials or equipment furnished by any member or members of the Halliburton Group whether in the design, manufacture, maintenance or marketing thereof or from a failure to warn of such defect. "Halliburton Group" is defined as Halliburton Energy Services, Inc., its parent, subsidiary, and affiliated companies, insurers and subcontractors and all its/their officers, directors, employees, consultants and agents. Customer's RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS obligations apply whether the personal injury, illness, death, property damage or loss is suffered by one or more members of the Halliburton Group, Customer, or any other person or entity. Customer agrees to support such obligations assumed herein with liability insurance with limits of not less than \$500,000. Customer agrees to name Halliburton Group as named additional insured on all of its general liability policy(s). Customer agrees that its liability under this Contract is not limited by the amounts of its insurance coverage, except where and as may be required by applicable local law for the provisions of this Contract to be enforceable.

D. EQUIPMENT LIABILITY - Customer shall at its risk and expense attempt to recover any Halliburton Group equipment lost or lodged in the well. If the equipment is recovered and repairable, Customer shall pay the repair costs, unless caused by Halliburton's sole negligence. If the equipment is not recovered or is irreparable, Customer shall pay the current published replacement rate, unless caused by Halliburton's sole negligence. If a radioactive source becomes lost or lodged in the well, Customer shall meet all requirements of Section 39 15(a) of the Nuclear Regulatory Commission regulations and any other applicable laws or regulations concerning retrieval or abandonment and shall permit Halliburton to monitor the recovery or abandonment efforts all at no risk or liability to Halliburton Group. Customer shall be responsible for damage to or loss of Halliburton group equipment, products, and materials while in transit aboard Customer-supplied transportation, even if such is arranged by Halliburton at Customer's request, and during loading and unloading from such transport. Customer will also pay for the repair or replacement of Halliburton group equipment damaged by corrosion or abrasion due to well effluents.

E. LIMITED WARRANTY - Halliburton warrants only title to the equipment, products, and materials supplied under this Contract and that same are free from defects in workmanship and materials for thirty (30) days from the date of delivery. **THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE.** Halliburton's sole liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale, lease or use of any equipment, products, or materials is expressly limited to the replacement of such on their return to Halliburton or, at Halliburton's option, to the allowance to Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, consequential, or punitive damages. Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, **HALLIBURTON IS UNABLE TO GUARANTEE THE EFFECTIVENESS OF THE EQUIPMENT, MATERIALS, OR SERVICE, NOR THE ACCURACY OF ANY CHART INTERPRETATION, RESEARCH ANALYSIS, JOB RECOMMENDATION OR OTHER DATA FURNISHED BY HALLIBURTON GROUP.** Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton Group shall not be liable for and **CUSTOMER SHALL INDEMNIFY HALLIBURTON GROUP AGAINST ANY DAMAGES ARISING FROM THE USE OF SUCH INFORMATION, even if such is contributed to or caused by the active or passive negligence, fault or strict liability of any member or members of Halliburton Group.** Halliburton also does not warrant the accuracy of data transmitted by electronic process, and Halliburton will not be responsible for accidental or intentional interception of such data by third parties.

F. GOVERNING LAW - The validity, interpretation and construction of this Contract shall be determined by the laws of the jurisdiction where the services are performed or the equipment or materials are delivered.

G. DISPUTE RESOLUTION Except for Halliburton's statutory rights with regard to collection of past due invoices for services or materials, including the Contractor's statutory rights for perfection and enforcement of mechanics' and materialmen's' liens, Customer and Halliburton agree that any dispute that may arise out of the performance of this Contract shall be resolved by binding arbitration by a panel of three arbitrators under the rules of the American Arbitration Association. The arbitration will take place in Houston, TX.

H. SEVERABILITY - If any provision or part thereof of this Contract shall be held to be invalid, void, or of no effect for any reason, such holding shall not be deemed to affect the validity of the remaining provisions of this Contract which can be given effect, without the invalid provision or part thereof, and to this end, the provisions of this Contract are declared to be severable. Customer and Halliburton agree that any provision of this Contract that is unenforceable or void under applicable law will be modified to achieve the intent of the parties hereunder to the greatest extent allowed by applicable law.

I. MODIFICATIONS - Customer agrees that Halliburton shall not be bound by any modifications to this Contract, except where such modification is made in writing by a duly authorized executive officer of Halliburton. Requests for modifications should be directed to the Vice President - Legal, 10200 Bellare Blvd, Houston, TX 77072-5299.

**I HAVE READ AND UNDERSTAND THIS WORK ORDER CONTRACT WHICH CONTAINS RELEASE AND INDEMNITY LANGUAGE WHICH CUSTOMER ACKNOWLEDGES IS CONSPICUOUS AND AFFORDS FAIR AND ADEQUATE NOTICE AND I REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT. I AM SIGNING THIS WORK ORDER CONTRACT WITH THE UNDERSTANDING THAT ITS TERMS AND CONDITIONS WILL NOT APPLY TO THE EXTENT THEY CONFLICT WITH TERMS AND CONDITIONS OF A SIGNED MASTER SERVICE CONTRACT BETWEEN THE PARTIES.**

Customer Acceptance of Terms and Conditions, Materials and Services



CUSTOMER Authorized Signatory

Date

# HALLIBURTON

# Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 353960	Ship To #: 2871988	Quote #:	Sales Order #: 8394046
Customer: APOLLO OPERATING		Customer Rep:	
Well Name: Loewen	Well #: 11-32D	API/UWI #:	
Field: Wattenberg	City (SAP): BERTHOUD	County/Parish: Weld	State: Colorado
Lat: N 40.273 deg. OR N 40 deg. 16 min. 22.908 secs.		Long: W 105.031 deg. OR W -106 deg. 58 min. 9.48 secs.	
Contractor: FORT	Rig/Platform Name/Num: Fort 5		
Job Purpose: Cement Production Casing			
Well Type: Development Well		Job Type: Cement Production Casing	
Sales Person: FLING, MATTHEW		Srvc Supervisor: HUGHES, ERVIN	MBU ID Emp #: 100271

### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BOETTIGER, MARK	4.0	500519	DILLON, ALAN Davis	4.0	484871	DIRKS, RICHARD E	4.0	485940
HUGHES, ERVIN Wayne	4.0	100271	MILLER, GEOFFREY Alan	4.0	460232			

### Equipment

HES Unit #	Distance-1 way						
10977079C	35 mile	11064535	35 mile	11106651	35 mile	11360865C	35 mile
11362287C	35 mile	11605599	35 mile				

### Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
08-17-11	4.0	1.0						
TOTAL			Total is the sum of each column separately					

### Job

### Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
				On Location	17 - Aug - 2011	11:00	MST
Form Type		BHST		Job Started	17 - Aug - 2011	13:15	MST
Job depth MD	7476. ft	Job Depth TVD	7476. ft	Job Completed	17 - Aug - 2011	14:20	MST
Water Depth		Wk Ht Above Floor	3. ft	Departed Loc	17 - Aug - 2011	15:30	MST
Perforation Depth (MD)	From	To					

### 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
Open Hole				7.875				650.	7480.		
Production Casing	New		4.5	4.	11.6				7476.		
Surface Casing	Used		8.625	8.097	24.		J-55		650.		

### Sales/Rental/3<sup>rd</sup> Party (HES)

Description	Qty	Qty uom	Depth	Supplier
SHOE,FLT,4-1/2 8RD,2-3/4 SSII	1	EA		
CLR,FLT,4-1/2 8RD,9.5-13.5PPF,2-3/4	1	EA		
CENTRALIZER ASSY - API - 4-1/2 CSG X	30	EA		
CLAMP - LIMIT - 4-1/2 - HINGED -	1	EA		
KIT,HALL WELD-A	1	EA		
PLUG ASSY - 3W LATCHDOWN - 4-1/2 IN	1	EA		
BAFFLE ASSY - 4-1/2 8RD LATCHDOWN PLUG	1	EA		

### Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug	4.5" LD	1	HES
Float Shoe	4.5"	1	HES	7476'	Bridge Plug					Bottom Plug			
Float Collar	4.5"	1	HES	7461'	Retainer					SSR plug set			
Insert Float										Plug Container	4.5" QL	1	HES

# HALLIBURTON

# Cementing Job Summary

Stage Tool								Centralizers		
------------	--	--	--	--	--	--	--	--------------	--	--

Miscellaneous Materials										
Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%			
Treatment Fld	Clayfix 3	Conc	2.5m	Inhibitor	Conc	Sand Type	Size	Qty		

### Fluid Data

Stage/Plug #: 1										
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	
1	Water Spacer		20.00	bbl	8.33	.0	.0	4.0		
2	MUD FLUSH III	MUD FLUSH III - SBM (528788)	24.00	bbl	8.4	.0	1000.0	5.0		
3	Water Spacer		10.00	bbl	8.33	.0	.0	.0		
4	Econocem 12.5#	ECONOCEM (TM) SYSTEM (452992)	450.0	sacks	12.5	1.89	10.3	5.0	10.3	
	10.3 Gal	FRESH WATER								
5	Fraccem 13.5#	FRACCEM (TM) SYSTEM (452963)	250.0	sacks	13.5	1.69	8.04	5.0	8.04	
	8.04 Gal	FRESH WATER								
6	Clayfix 3 Displacement		116.00	bbl	8.33	.0	.0	.0		
	2.5 gal/Mgal	CLAYFIX 3, TOTETANK (101583425)								

Calculated Values		Pressures		Volumes					
Displacement	116 bbl	Shut In: Instant		Lost Returns	0	Cement Slurry	226 bbl	Pad	
Top Of Cement	1912'	5 Min		Cement Returns	0	Actual Displacement	116 bbl	Treatment	
Frac Gradient		15 Min		Spacers	54	Load and Breakdown		Total Job	396 bbl

Rates										
Circulating	6	Mixing	8	Displacement	8	Avg. Job	7			
Cement Left In Pipe	Amount	15 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 

# HALLIBURTON

## Cementing Job Log

*The Road to Excellence Starts with Safety*

Sold To #: 353960	Ship To #: 2871988	Quote #:	Sales Order #: 8394046
Customer: APOLLO OPERATING		Customer Rep:	
Well Name: Loewen	Well #: 11-32D	API/UWI #:	
Field: Wattenberg	City (SAP): BERTHOUD	County/Parish: Weld	State: Colorado
<b>Legal Description:</b>			
Lat: N 40.273 deg. OR N 40 deg. 16 min. 22.908 secs.		Long: W 105.031 deg. OR W -106 deg. 58 min. 9.48 secs.	
Contractor: FORT		Rig/Platform Name/Num: Fort 5	
Job Purpose: Cement Production Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Production Casing	
Sales Person: FLING, MATTHEW		Srvc Supervisor: HUGHES, ERVIN	MBU ID Emp #: 100271

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	08/17/2011 07:00							Crew Called Out
Depart from Service Center or Other Site	08/17/2011 10:00							Depart for Location
Arrive At Loc	08/17/2011 11:00							Crew Arrived on Location
Pre-Rig Up Safety Meeting	08/17/2011 12:00							Pre Rig Up Safety Huddle
Rig-Up Equipment	08/17/2011 12:15							Spot and Rig Up Equipment
Pre-Job Safety Meeting	08/17/2011 13:00							Pre Job Safety Meeting with Rig Crew
Test Lines	08/17/2011 13:18							Test Lines to 3500 psi
Pump Spacer 1	08/17/2011 13:19		6	20	20		165.0	Pump Fresh Water Spacer @ 8.33 ppg
Pump Spacer 2	08/17/2011 13:23		6	24	44		462.0	Pump Mudflush Spacer @ 8.4 ppg
Pump Spacer 1	08/17/2011 13:27		6	10	54		535.0	Pump Fresh Water Spacer @ 8.33 ppg
Pump Lead Cement	08/17/2011 13:29		8	151	205		634.0	Pump 450 sks Econocem Lead Cmt @ 12.5 ppg mixed with rig water
Pump Tail Cement	08/17/2011 13:48		8	75	280		330.0	Pump 250 sks Fraccem @ 13.5 ppg mixed with rig water
Clean Lines	08/17/2011 14:00							Wash Pumps and Lines
Drop Top Plug	08/17/2011 14:02							Drop Top Plug
Pump Displacement	08/17/2011 14:02		8	116	396		1410.0	Pump Clayfix Water Displacement @ 8.33 ppg. Calculated Differential is 1342 psi

Sold To #: 353960

Ship To #: 2871988

Quote #:

Sales Order #: 8394046

SUMMIT Version: 7.2.27

Wednesday, August 17, 2011 02:36:00

# HALLIBURTON

## Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbf		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Bump Plug	08/17/2011 14:20						2500. 0	Land Plug with 1000 psi over Differential
Release Casing Pressure	08/17/2011 14:22						.0	Bleed Off Casing Pressure
Check Floats	08/17/2011 14:23						.0	Check Floats
Post-Job Safety Meeting (Pre- Rig-Down)	08/17/2011 14:25							Safety Meeting
Rig-Down Equipment	08/17/2011 14:30							Rig Down Equipment and Prepare to Depart Location
Depart Location for Service Center or Other Site	08/17/2011 15:30							Depart Location

Sold To #: 353960

Ship To #: 2871988

Quote #:

Sales Order #:

8394046

SUMMIT Version: 7.2.27

Wednesday, August 17, 2011 02:36:00



### Document Flow

Status overview Display document Service documents Additional links

Business partner 0000353960 APOLLO OPERATING



Document	On	Status
Streamline Order 0008394046	08/12/2011	Completed
Delivery 0807871691	08/19/2011	Completed
Picking request 20110819	08/19/2011	Completed
Confirmation of service 2311691000	08/19/2011	Completed
Confirmation of service 2311691001	08/19/2011	Completed
Confirmation of service 2311691002	08/19/2011	Completed
Confirmation of service 2311691003	08/19/2011	Completed
Confirmation of service 2311691004	08/19/2011	Completed
Confirmation of service 2311691005	08/19/2011	Completed
Confirmation of service 2311691006	08/19/2011	Completed
Confirmation of service 2311691007	08/19/2011	Completed
Confirmation of service 2311691008	08/19/2011	Completed
Confirmation of service 2311691009	08/19/2011	Completed
Confirmation of service 2311691010	08/19/2011	Completed
Confirmation of service 2311691011	08/19/2011	Completed
Confirmation of service 2311691012	08/19/2011	Completed
Confirmation of service 2311691013	08/19/2011	Completed
Confirmation of service 2311691014	08/19/2011	Completed
Confirmation of service 2311691015	08/19/2011	Completed
Confirmation of service 2311691016	08/19/2011	Completed
Confirmation of service 2311691017	08/19/2011	Completed
Confirmation of service 2311691018	08/19/2011	Completed
Confirmation of service 2311691019	08/19/2011	Completed
Confirmation of service 2311691020	08/19/2011	Completed
Confirmation of service 2311691021	08/19/2011	Completed
Confirmation of service 2311691022	08/19/2011	Completed
Confirmation of service 2311691023	08/19/2011	Completed
GD goods issue:HOLD 4939448545	08/19/2011	complete
HES Service Invoice 0097939139	08/19/2011	Completed
Accounting document 0097939139	08/19/2011	Not cleared

Lease Name: Lowen 11-32 D  
SO #: 8394046

TAB 9: BILLING BEST PRACTICES

Documents Required for Accounts Receivable:

- Signed Sales Order 30,492.93
- HES Approver
- Signed Field Ticket
- Customer
- Signed Work Order Contract
- Job Summary
- Job Log
- Verify Lease Name match
- Verify Sales Order and Field Ticket amounts match

SAP Sales Order Details:

- Ship to #: 2871988
- Sold to #: 353960
- Bill to #: 353960

Customer Billing Requirements:

- API Numbers: 05-123-33733
- Customer Requirements on Ticket(Stamp, Ect.)-E Commerce
- AFE Numbers: NON-E BUS
- Upload to ecommerce.com required

SAP Sales Order Delivery:

- Delivery Error Log
- Pick and Post Sales Order

Before Billing Sales Order

- Review Document Flow
- Sales Order is Complete
- Deliveries are Being Processed