

# HALLIBURTON

## SALES ORDER

Halliburton Energy Services, Inc.

**Sales Order Number: 8479275**

**Sales Order Date: September 18, 2011**

**SOLD TO:**

APOLLO OPERATING  
1538 WAZEE ST #200  
DENVER CO 80202  
USA

**Rig Name:**

Well/Rig Name: APOLLO LOEWEN 12-32D,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 12-32D,WELD  
LOEWEN 12-32D  
S32 T4N R68W  
MEAD CO 80542  
USA

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
7523	CMT PRODUCTION CASING BOM JP035	1.00	JOB					
16091	ZI - PUMPING CHARGE 001-016 DEPTH FEET/METERS (FT/M)	1.000 7,525 FT	EA		9,081.00	9,081.00	5,448.60-	3,632.40
2	MILEAGE FOR CEMENTING CREW,ZI 000-119 Number of Units	64.000 1	MI unit		5.76	368.64	221.18-	147.46
1	ZI-MILEAGE FROM NEAREST HES 000-117 Number of Units	64.000 1	MI unit		9.79	626.56	375.94-	250.62
76400	ZI MILEAGE,CMT MTLs DEL/RET 500-306 / MILEAGE,CMTG MTLs DEL/RET PER/TON MI.MIN NUMBER OF TONS	32.000 32.04	MI ton		3.35	3,434.69	2,060.81-	1,373.88
86954	ZI FUEL SURCHG-CARS/PICKUPS <1 1/2TON FUEL SURCHG-CARS/PICKUPS <1 1/2TON/PER/MI Number of Units	64.000 1	MI unit		0.20	12.80		12.80

# HALLIBURTON

Halliburton Energy Services, Inc.

Sales Order Number: 8479275

Sales Order Date: September 18, 2011

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
86955	ZI FUEL SURCHG-HEAVY TRKS >1 1/2 TON FUEL SURCHG-HEAVY TRKS >1 1/2 TON/PER MI Number of Units	64.000  1	MI  unit		0.59	37.76		37.76
87605	ZI FUEL SURCHG-CMT & CMT ADDITIVES FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM NUMBER OF TONS	32.000  32.04	MI  ton		0.20	205.06		205.06
3965	HANDLE&DUMP SVC CHRG, 500-207 NUMBER OF EACH	801.000  1	CF  each		5.49	4,397.49	2,638.49-	1,759.00
114	R/A DENSOMETER W/CHART 019-500 NUMBER OF UNITS	1.000  1	JOB  each		1,285.00	1,285.00	771.00-	514.00
139	ADC (AUTO DENSITY CTRL) SYS, 046-050 NUMBER OF UNITS	1.000  1	JOB  each		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  1	EA  Days		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	1.000	JOB		83.00	83.00		83.00

# HALLIBURTON

Halliburton Energy Services, Inc.

Sales Order Number: 8479275

Sales Order Date: September 18, 2011

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
	000-151							
372867	Cmt PSL - DOT Vehicle Charge, CMT Cmt PSL - DOT Vehicle Charge, CMT	4.000	EA		241.00	964.00		964.00
656520	CMT, S.O.T./S.M.M. Permit	2.000	EA		150.00	300.00		300.00
92	PORTABLE RADIOS, ZI 019-254 NUMBER OF JOBS	5.000 1	EA Job		92.00	460.00		460.00
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	420.00	SK		42.13	17,694.24	10,616.54-	7,077.70
452963	FRACCEM (TM) SYSTEM	250.00	SK		64.62	16,155.88	9,693.54-	6,462.34
101583425	CLAYFIX 3 CHEM. CLAYFIX 3. TOTE TANK	15.000	GAL		94.85	1,422.75	853.65-	569.10
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

# HALLIBURTON

Halliburton Energy Services, Inc.

Sales Order Number: 8479275

Sales Order Date: September 18, 2011

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
100013745	PLUG ASSY - 3W LATCHDOWN - 4-593801.0373 / PLUG ASSY - 3 WIPER LATCH-DOWN - 4-1/2 / CSG	1.000	EA		561.00	561.00	336.60-	224.40
100004364	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
<b>SALES ORDER AMOUNT</b>						<b>71,587.17</b>	<b>41,634.33-</b>	<b>29,952.84</b>
<b>SALES ORDER TOTAL</b>						<b>71,587.17</b>	<b>41,634.33-</b>	<b>29,952.84</b>
Sales Tax - State								610.80
Total Weight: 89,010.40 LB								30,563.64
								US Dollars

INVOICE INSTRUCTIONS:

Operator Name:  
Customer Agent:

Halliburton Approval: X  
Customer Signature: X

*Yvonne Bradley*

# HALLIBURTON

## Field Ticket

<b>Field Ticket Number:</b> 8479275		<b>Field Ticket Date:</b> Sunday, September 18, 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 12-32D <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 OPERATING Loewen, 12-32D 2876427 S32 T4N R68W MEAD, CO 80542			

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
16091	ZI - PUMPING CHARGE	1	EA	0.00	9,081.00	9,081.00	60%	3,632.40
	DEPTH	7525						
	FEET/METERS (FT/M)		FT					
2	MILEAGE FOR CEMENTING CREW,ZI	64	MI	0.00	5.76	368.64	60%	147.46
	Number of Units	1						
1	ZI-MILEAGE FROM NEAREST HES BASE,/UNIT	64	MI	0.00	9.79	626.56	60%	250.62
	Number of Units	1						
76400	ZI MILEAGE,CMT MTLs DEL/RET MIN	32	MI	0.00	3.35	3,434.69	60%	1,373.88
	NUMBER OF TONS	32.04						
86954	ZI FUEL SURCHG-CARS/PICKUPS<1 1/2TON	64	MI	0.00	0.20	12.80		12.80
	Number of Units	1						
86955	ZI FUEL SURCHG-HEAVY TRKS >1 1/2 TON	64	MI	0.00	0.59	37.76		37.76
	Number of Units	1						
87605	ZI FUEL SURCHG-CMT & CMT ADDITIVES	32	MI	0.00	0.20	205.06		205.06
	NUMBER OF TONS	32.04						
3965	HANDLE&DUMP SVC CHRg, CMT&ADDITIVES,ZI	801	CF	0.00	5.49	4,397.49	60%	1,759.00
	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						

# HALLIBURTON

## Field Ticket

Field Ticket Number: 8479275      Field Ticket Date: Sunday, September 18, 2011

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

**Job Name:** Loewen  
**Order Type:** Streamline Order (ZOH)  
**Well Name:** Loewen 12-32D  
**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 OPERATING  
 Loewen, 12-32D  
 2876427  
 S32 T4N R68W  
 MEAD, CO 80542

Material	Description	QTY	UOM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount
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					
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	4	EA	0.00	241.00	964.00		964.00
656520	CMT, S.O.T./S.M.M. Permit	2	EA	0.00	150.00	300.00		300.00
92	PORTABLE RADIOS, ZI	5	EA	0.00	92.00	460.00		460.00
	NUMBER OF JOBS	1						
528788	MUD FLUSH III	24	BBL	0.00	94.45	2,266.80	60%	906.72
452992	ECONOCEM (TM) SYSTEM	420	SK			17,694.24	60%	7,077.70
452963	FRACCEN (TM) SYSTEM	250	SK			16,155.88	60%	6,462.34
101583425	CLAYFIX 3	15	GAL	0.00	94.85	1,422.75	60%	569.10
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

# HALLIBURTON

## Field Ticket

**Field Ticket Number:** 8479275 **Field Ticket Date:** Sunday, September 18, 2011

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

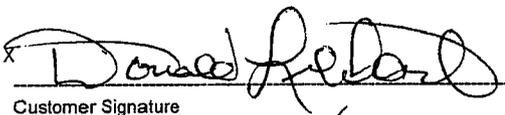
**Job Name:** Loewen  
**Order Type:** Streamline Order (ZOH)  
**Well Name:** Loewen 12-32D  
**Company Code:** 1100  
**Customer PO No.:** NA  
**Shipping Point:** Brighton, CO, USA  
**Sales Office:** Rocky Mountains BD  
**Well Type:** Gas  
**Well Category:** Development

**Ship To:**  
 APOLLO OPERATING  
 Loewen, 12-32D  
 2876427  
 S32 T4N R68W  
 MEAD, CO 80542

Material	Description	QTY	UOM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount
100004622	CLAMP - LIMIT - 4-1/2 - HINGED -	1	EA	0.00	44.20	44.20	60%	17.68
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
<b>Totals</b>						<b>USD</b>		
								<b>71,587.17</b>
								<b>41,634.33</b>
								<b>29,952.84</b>

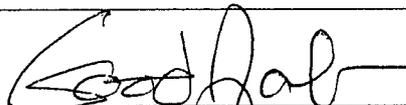
Halliburton Rep: LARRY LAVALLEY  
 Customer Agent: DON LIBHART  
 Halliburton Approval

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.

  
 Customer Signature

FIELD TICKET TOTAL: USD 29,952.84

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

8479275

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. 12-32D	Farm or Lease Loewen	County Weld	State Colorado	Well Permit Number 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 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 Bellaire 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 #: 2876427	Quote #:	Sales Order #: 8479275
Customer: APOLLO OPERATING		Customer Rep: LIBHART, DON	
Well Name: Loewen	Well #: 12-32D	API/UWI #: 05-123-33743	
Field: Wattenberg	City (SAP): MEAD	County/Parish: Weld	State: Colorado
Lat: N 40.273 deg. OR N 40 deg. 16 min. 22.512 secs.		Long: W 105.031 deg. OR W -106 deg. 58 min. 9.444 secs.	
Contractor: FORT	Rig/Platform Name/Num: Fort5		
Job Purpose: Cement Production Casing			
Well Type: Development Well		Job Type: Cement Production Casing	
Sales Person: FLING, MATTHEW		Srvc Supervisor: LAVALLEY, LARRY	MBU ID Emp #: 419296

### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BOURGEOIS, KEVIN Paul	2.5	459092	DILLON, ALAN Davis	2.5	484871	LAVALLEY, LARRY P	2.5	419296
WHITE, SANDY Lynn	2.5	490476	WILEY, JAMES A	2.5	440080			

### Equipment

HES Unit #	Distance-1 way						
10866493C	32 mile	10982754C	32 mile	11036301	32 mile	11064535	32 mile
11488570C	32 mile	11518549	32 mile				

### Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
9/18/11	2.5	1.5						
<b>TOTAL</b>			<i>Total is the sum of each column separately</i>					

### Job

### Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
Form Type			BHST	On Location	18 - Sep - 2011	18:45	MST
Job depth MD	7525. ft		Job Depth TVD	Job Started	18 - Sep - 2011	21:37	MST
Water Depth			Wk Ht Above Floor	Job Completed	18 - Sep - 2011	22:51	MST
Perforation Depth (MD)	From		To	Departed Loc	18 - Sep - 2011	23:30	MST

### 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.	7525.	.	.
Production Casing	New		4.5	4.	11.6				7494.	.	.
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			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			



# HALLIBURTON

## Cementing Job Log

*The Road to Excellence Starts with Safety*

Sold To #: 353960	Ship To #: 2876427	Quote #:	Sales Order #: 8479275
Customer: APOLLO OPERATING		Customer Rep: LIBHART, DON	
Well Name: Loewen	Well #: 12-32D	API/UWI #: 05-123-33743	
Field: Wattenberg	City (SAP): MEAD	County/Parish: Weld	State: Colorado
<b>Legal Description:</b>			
Lat: N 40.273 deg. OR N 40 deg. 16 min. 22.512 secs.		Long: W 105.031 deg. OR W -106 deg. 58 min. 9.444 secs.	
Contractor: FORT		Rig/Platform Name/Num: Fort5	
Job Purpose: Cement Production Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Production Casing	
Sales Person: FLING, MATTHEW		Srvc Supervisor: LAVALLEY, LARRY	MBU ID Emp #: 419296

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Start Job	09/18/2011 21:37							WELL CIRCULATED 1 HOUR PRIOR TO CEMENTING
Test Lines	09/18/2011 21:37						3500.0	TEST LINES WITH RIG WATER
Pump Spacer 1	09/18/2011 21:39		5	24	24		157.0	RIG WATER WITH MUDFLUSH III
Pump Spacer 2	09/18/2011 21:46		5	20	44		167.0	RIG WATER
Pump Lead Cement	09/18/2011 21:50		8	141	185		349.0	420 SKS ECONOCEM @ 12.5 # MIXED WITH RIG WATER
Pump Tail Cement	09/18/2011 22:09		8	76	261		125.0	250 SKS FRACCEN @ 13.5 # MIXED WITH RIG WATER
Shutdown	09/18/2011 22:22						27.0	
Clean Lines	09/18/2011 22:23						17.0	
Drop Top Plug	09/18/2011 22:23						16.0	PRELOADED PLUG
Pump Displacement	09/18/2011 22:28		10	116	377		1491.0	RIG WATER WITH CLAYFIX III
Bump Plug	09/18/2011 22:48		3				2591.0	CALCULATED PRESSURE TO LAND WAS 1355
End Job	09/18/2011 22:50							

Lease Name: Joewen 12-32D  
SO #: 3479275

## BILLING BEST PRACTICES

### Documents Required for Accounts Receivable:

- Signed Sales Order
  - 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
- Verify if there is a Job Adjustment, if so is required approval paperwork in packet.

### SAP Sales Order Details:

- Ship to #: 2876467
- Sold to #: 35396D
- Bill to #: 35396D

### Customer Billing Requirements:

- API Numbers: 05-123-33743
- Customer Requirements on Ticket(Stamp, Ect.)-E Commerce
- AFE Numbers: \_\_\_\_\_
- 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