

# HALLIBURTON

## SALES ORDER

Halliburton Energy Services, Inc.

**Sales Order Number: 8521793**

**Sales Order Date: October 04, 2011**

**SOLD TO:**

APOLLO OPERATING  
1538 WAZEE ST #200  
DENVER CO 80202  
USA

**Rig Name:**

Well/Rig Name: APOLLO MARGIL FARMS 11-2D,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 MARGIL FARMS 11-2D,WELD  
MARGIL FARMS 11-2D  
S2 T3N 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 7,605 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	48.000 1	MI unit		5.76	276.48	165.89-	110.59
1	ZI-MILEAGE FROM NEAREST HES 000-117 Number of Units	48.000 1	MI unit		9.79	469.92	281.95-	187.97
76400	ZI MILEAGE,CMT MTLs DEL/RET 500-306 / MILEAGE,CMTG MTLs DEL/RET PER/TON MI.MIN NUMBER OF TONS	24.000 31.58	MI ton		3.35	2,539.03	1,523.42-	1,015.61
86954	ZI FUEL SURCHG-CARS/PICKUPS < 1 1/2TON FUEL SURCHG-CARS/PICKUPS < 1 1/2TON/PER/MI Number of Units	48.000 1	MI unit		0.20	9.60		9.60

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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	48.000  1	MI  unit		0.59	28.32		28.32
87605	ZI FUEL SURCHG-CMT & CMT ADDITIVES FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM NUMBER OF TONS	24.000  31.58	MI  ton		0.20	151.58		151.58
3965	HANDLE&DUMP SVC CHRG, 500-207 NUMBER OF EACH	790.000  1	CF  each		5.49	4,337.10	2,602.26-	1,734.84
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 (MINI)	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

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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	3.000	EA		241.00	723.00		723.00
656520	CMT, S.O.T./S.M.M. Permit	3.000	EA		150.00	450.00		450.00
92	PORTABLE RADIOS, ZI 019-254	6.000	EA		92.00	552.00		552.00
	NUMBER OF JOBS	1	Job					
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	410.00	SK		42.20	17,300.84	10,380.50-	6,920.34
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

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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
SALES ORDER AMOUNT						69,923.80	40,675.39-	
SALES ORDER TOTAL						69,923.80	40,675.39-	29,248.41
Sales Tax - State								597.94
								29,846.35
Total Weight: 88,064.40 LB								US Dollars

INVOICE INSTRUCTIONS:

Operator Name:  
Customer Agent:

Halliburton Approval: X  
Customer Signature: X

*Theresa Bailey*

# HALLIBURTON

## Field Ticket

<b>Field Ticket Number:</b> 8521793		<b>Field Ticket Date:</b> Tuesday, October 04, 2011	
<b>Bill To:</b> APOLLO OPERATING 1538 WAZEE ST #200 DENVER, CO 80202		<b>Job Name:</b> Margil Farms <b>Order Type:</b> Streamline Order (ZOH) <b>Well Name:</b> Margil Farms 11-2D <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 MARGIL FARMS 11-2D,WELD MARGIL FARMS 11-2D 2882538 S2 T3N 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	7605						
	FEET/METERS (FT/M)		FT					
2	MILEAGE FOR CEMENTING CREW,ZI	48	MI	0.00	5.76	276.48	60%	110.59
	Number of Units	1						
1	ZI-MILEAGE FROM NEAREST HES BASE,/UNIT	48	MI	0.00	9.79	469.92	60%	187.97
	Number of Units	1						
76400	ZI MILEAGE,CMT MTLS DEL/RET MIN	24	MI	0.00	3.35	2,539.03	60%	1,015.61
	NUMBER OF TONS	31.58						
86954	ZI FUEL SURCHG-CARS/PICKUPS<1 1/2TON	48	MI	0.00	0.20	9.60		9.60
	Number of Units	1						
86955	ZI FUEL SURCHG-HEAVY TRKS >1 1/2 TON	48	MI	0.00	0.59	28.32		28.32
	Number of Units	1						
87605	ZI FUEL SURCHG-CMT & CMT ADDITIVES	24	MI	0.00	0.20	151.58		151.58
	NUMBER OF TONS	31.58						
3965	HANDLE&DUMP SVC CHRNG, CMT&ADDITIVES,ZI	790	CF	0.00	5.49	4,337.10	60%	1,734.84
	NUMBER OF EACH	1						
114	R/A DENSOMETER W/CHART RECORDER,/JOB,Z	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						

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<b>Ship To:</b> APOLLO MARGIL FARMS 11-2D,WELD MARGIL FARMS 11-2D 2882538 S2 T3N 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 DAYS OR PARTIAL DAY(WHOLE NO.)	1 1	EA	0.00	2,549.00	2,549.00	60%	1,019.60
74038	ZI PLUG CONTAINER RENTAL-1ST DAY DAYS OR FRACTION (MIN1)	1 1	EA	1,322.00	0.00	1,322.00	60%	528.80
90	ZI QUICK LATCH ATTACHMENT SIZE IN INCHES/MILLIMETER INCHES/MILLIMETERS (IN/MM)	1 4.5	JOB IN	0.00	491.00	491.00	60%	196.40
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
656520	CMT, S.O.T./S.M.M. Permit	3	EA	0.00	150.00	450.00		450.00
92	PORTABLE RADIOS, ZI NUMBER OF JOBS	6 1	EA	0.00	92.00	552.00		552.00
528788	MUD FLUSH III	24	BBL	0.00	94.45	2,266.80	60%	906.72
452992	ECONOCEM (TM) SYSTEM	410	SK			17,300.84	60%	6,920.34
452963	FRACCEM (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

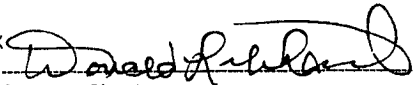
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<b>Ship To:</b> APOLLO MARGIL FARMS 11-2D,WELD MARGIL FARMS 11-2D 2882538 S2 T3N R68W MEAD, CO 80542			

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>69,923.80</b>	<b>40,675.39</b>	<b>29,248.41</b>

Halliburton Rep: JASON KELEHER  
 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.

x   
 Customer Signature

FIELD TICKET TOTAL: USD 29,248.41

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

8521793

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. 11-2D	Farm or Lease Margit Farms	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, DEFEND, INDEMNIFY AND HOLD HARMLESS 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 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 any and all operations conducted by Halliburton Group or its employees, agents, consultants, or subcontractors in the performance of the services, equipment, products, and materials to be supplied by Halliburton Group under this Contract.

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. 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.

~~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

10-4-11  
Date



# HALLIBURTON

## Cementing Job Summary

*The Road to Excellence Starts with Safety*

Sold To #: 353960	Ship To #: 2882538	Quote #:	Sales Order #: 8521793
Customer: APOLLO OPERATING		Customer Rep: LIBHART, DON	
Well Name: Margil Farms		Well #: 11-2D	API/UWI #: 05-123-33832-00
Field: Wattenberg	City (SAP): MEAD	County/Parish: Weld	State: Colorado
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: KELEHER, JASON	MBU ID Emp #: 437348	

### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BOETTIGER, MARK	5	500519	BOURGEOIS, KEVIN Paul	5	459092	FANTASIA, JOSEPH Brandon	5	485445
KELEHER, JASON E	5	437348	OZBUN, RYAN Jacob	5	475709	SANFORD, DALE A	5	219527

### Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10804557C	24 mile	10866497C	24 mile	11398490	24 mile	11518548	24 mile
11518550	24 mile	11566182	24 mile	11645065	24 mile		

### Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
10-4-2011	5	1						

TOTAL Total is the sum of each column separately

Job				Job Times			
Formation Name	Formation Depth (MD)	Top	Bottom	Date	Time	Time Zone	
Form Type			BHST	Called Out	04 - Oct - 2011	06:00	MST
Job depth MD	7605. ft		Job Depth TVD	On Location	04 - Oct - 2011	09:00	MST
Water Depth			Wk Ht Above Floor	Job Started	04 - Oct - 2011	11:42	MST
Perforation Depth (MD)	From		To	Job Completed	04 - Oct - 2011	12:47	MST
				Departed Loc	04 - Oct - 2011	14:00	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				619.	7683.		
Production Casing	New		4.5	4.	11.6				7605.		
Surface Casing	Used		8.625	8.097	24.		J-55		916.		

### Sales/Rental/3rd 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			
Stage Tool										Centralizers			

Miscellaneous Materials													
Gelling Agt		Conc		Surfactant		Conc		Acid Type		Qty		Conc	%
Treatment Fld		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 <sup>3</sup> /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	.	.0	.0	.0			
4	Econocem 12.5#	ECONOCER (TM) SYSTEM (452992)			410.0	sacks	12.5	1.89	10.3	6.0	10.3		
	10.3 Gal	FRESH WATER											
5	Fraccem 13.5#	FRACCEM (TM) SYSTEM (452963)			250.0	sacks	13.5	1.69	8.04	6.0	8.04		
	8.04 Gal	FRESH WATER											
6	ClayFix III				15.00	Gal	8.33	.0	.0	5.0			
	2.5 gal/Mgal	CLAYFIX 3, TOTETANK (101583425)											
Calculated Values				Pressures				Volumes					
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad					
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment					
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job					
Rates													
Circulating		Mixing		Displacement		Avg. Job							
Cement Left In Pipe		Amount	14 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									



## The Road to Excellence Starts with Safety

Sold To #: 353960	Ship To #: 2882538	Quote #:	Sales Order #: 8521793
Customer: APOLLO OPERATING		Customer Rep: LIBHART, DON	
Well Name: Margil Farms		Well #: 11-2D	API/UWI #: 05-123-33832-00
Field: Wattenberg	City (SAP): MEAD	County/Parish: Weld	State: Colorado
Legal Description:			
Lat:		Long:	
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: KELEHER, JASON	MBU ID Emp #: 437348

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Arrive at Location from Service Center	10/04/2011 09:00							
Assessment Of Location Safety Meeting	10/04/2011 10:30							
Test Lines	10/04/2011 11:42							PRESSURE TEST TO 3500 PSI
Pump Spacer 1	10/04/2011 11:46		6	20			403.0	RIG WATER WITH CLAYFIX III ADDED
Pump Spacer 2	10/04/2011 11:50		8	24			612.0	MUDFLUSH III MIXED WITH RIG WATER
Pump Spacer 1	10/04/2011 11:54		8	10			615.0	RIG WATER WITH CLAYFIX III ADDED
Pump Lead Cement	10/04/2011 11:55		8	138			280.0	410 SKS ECONOCHEM MIXED AT 12.5 PPG WITH RIG WATER
Pump Tail Cement	10/04/2011 12:16		8	75			300.0	250 SKS FRACCHEM MIXED AT 13.5 WITH RIG WATER
Shutdown	10/04/2011 12:28							
Drop Top Plug	10/04/2011 12:28							PRE LOADED
Clean Lines	10/04/2011 12:29							
Pump Displacement	10/04/2011 12:30		4	117			1521.0	RIG WATER WITH CLAYFIX III ADDED
Bump Plug	10/04/2011 12:45						2270.0	GOOD RETURNS THROUGHOUT JOB
Check Floats	10/04/2011 12:45							FLOATS HELD
End Job	10/04/2011 12:47							