

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	EA FT		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

HALLIBURTON

Halliburton Energy Services, Inc.

Sales Order Number: 8521793

Sales Order Date: October 04, 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	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 CHR.G, 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 (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	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: 8521793

Sales Order Date: October 04, 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	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 NUMBER OF JOBS	6.000	EA		92.00	552.00		552.00
		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	FRACCEN (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: 8521793

Sales Order Date: October 04, 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
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
								US Dollars
Total Weight: 88,064.40 LB								

INVOICE INSTRUCTIONS:

Operator Name:
Customer Agent:

Halliburton Approval: X
Customer Signature: X

Yvonne Bailey

HALLIBURTON

Field Ticket

Field Ticket Number: 8521793		Field Ticket Date: Tuesday, October 04, 2011	
Bill To: APOLLO OPERATING 1538 WAZEE ST #200 DENVER, CO 80202		Job Name: Margil Farms Order Type: Streamline Order (ZOH) Well Name: Margil Farms 11-2D 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 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 DEPTH FEET/METERS (FT/M)	1 7605	EA FT	0.00	9,081.00	9,081.00	60%	3,632.40
2	MILEAGE FOR CEMENTING CREW,ZI Number of Units	48 1	MI	0.00	5.76	276.48	60%	110.59
1	ZI-MILEAGE FROM NEAREST HES BASE,/UNIT Number of Units	48 1	MI	0.00	9.79	469.92	60%	187.97
76400	ZI MILEAGE,CMT MTLs DEL/RET MIN NUMBER OF TONS	24 31.58	MI	0.00	3.35	2,539.03	60%	1,015.61
86954	ZI FUEL SURCHG-CARS/PICKUPS<1 1/2TON Number of Units	48 1	MI	0.00	0.20	9.60		9.60
86955	ZI FUEL SURCHG-HEAVY TRKS >1 1/2 TON Number of Units	48 1	MI	0.00	0.59	28.32		28.32
87605	ZI FUEL SURCHG-CMT & CMT ADDITIVES NUMBER OF TONS	24 31.58	MI	0.00	0.20	151.58		151.58
3965	HANDLE&DUMP SVC CHRg, CMT&ADDITIVES,ZI NUMBER OF EACH	790 1	CF	0.00	5.49	4,337.10	60%	1,734.84
114	R/A DENSOMETER W/CHART RECORDER,/JOB,Z NUMBER OF UNITS	1 1	JOB	0.00	1,285.00	1,285.00	60%	514.00
139	ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI NUMBER OF UNITS	1 1	JOB	0.00	2,275.00	2,275.00	60%	910.00

HALLIBURTON

Field Ticket

Field Ticket Number: 8521793		Field Ticket Date: Tuesday, October 04, 2011	
Bill To: APOLLO OPERATING 1538 WAZEE ST #200 DENVER, CO 80202		Job Name: Margil Farms Order Type: Streamline Order (ZOH) Well Name: Margil Farms 11-2D 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 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

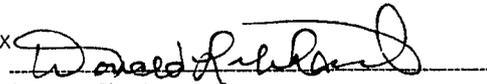
Field Ticket

Field Ticket Number: 8521793	Field Ticket Date: Tuesday, October 04, 2011
Bill To: APOLLO OPERATING 1538 WAZEE ST #200 DENVER, CO 80202	Job Name: Margil Farms Order Type: Streamline Order (ZOH) Well Name: Margil Farms 11-2D 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 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
Totals						USD		
						69,923.80	40,675.39	29,248.41

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  FIELD TICKET TOTAL: USD 29,248.41
 Customer Signature

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 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 Margil 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 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 subject's presence at or activities on the well site, including but not limited to, the use of equipment, products, supplies, materials, or services furnished by Halliburton Group, 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



CUSTOMER Authorized Signatory

Date

10-4-11

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						
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)	Form Type	Job depth MD	Date	Time	Time Zone	
	Top Bottom	BHST	7605. ft	04 - Oct - 2011	06:00	MST	Called Out
				04 - Oct - 2011	09:00	MST	On Location
				04 - Oct - 2011	11:42	MST	Job Started
				04 - Oct - 2011	12:47	MST	Job Completed
	From To			04 - Oct - 2011	14:00	MST	Departed Loc

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			

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 ECONOCEM MIXED AT 12.5 PPG WITH RIG WATER
Pump Tail Cement	10/04/2011 12:16		8	75			300.0	250 SKS FRACCEM 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							