

HALLIBURTON

SALES ORDER

Halliburton Energy Services, Inc.

Sales Order Number: 8493384

Sales Order Date: September 24, 2011

SOLD TO:

APOLLO OPERATING
1538 WAZEE ST #200
DENVER CO 80202
USA

Rig Name:

Well/Rig Name: APOLLO MARGIL FARMS 12-2D,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 12-2D,WELD
MARGIL FARMS 12-2D
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 7,745 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 32.49	MI ton		3.35	2,612.20	1,567.32-	1,044.88
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 32.49	MI ton		0.20	155.95		155.95
3965	HANDLE&DUMP SVC CHRG, 500-207 NUMBER OF EACH	812.000 1	CF each		5.49	4,457.88	2,674.73-	1,783.15
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

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Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
372867	000-151 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	1.000	EA		150.00	150.00		150.00
92	PORTABLE RADIOS, ZI 019-254 NUMBER OF JOBS	1.000 5	EA Job		460.00	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	430.00	SK		42.27	18,176.20	10,905.72-	7,270.48
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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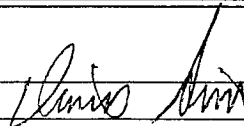
Sales Order Date: September 24, 2011

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						70,846.48	41,316.98-	
SALES ORDER TOTAL						70,846.48	41,316.98-	29,529.50
Sales Tax - State								601.77
Total Weight: 89,920.40 LB								30,131.27 US Dollars

INVOICE INSTRUCTIONS:

Operator Name:
Customer Agent:

Halliburton Approval: X
Customer Signature: X



HALLIBURTON

Field Ticket

Field Ticket Number: 8493384		Field Ticket Date: Saturday, September 24, 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 12-2D 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 OPERATING Margil Farms, 12-2D 2880361 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	7745						
	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	2,612.20	60%	1,044.88
	NUMBER OF TONS	32.49						
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	155.95		155.95
	NUMBER OF TONS	32.49						
3965	HANDLE&DUMP SVC CHRg, CMT&ADDITIVES,ZI	812	CF	0.00	5.49	4,457.88	60%	1,783.15
	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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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 Z	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	1	EA	0.00	150.00	150.00		150.00
92	PORTABLE RADIOS, ZI	1	EA	0.00	92.00	460.00		460.00
	NUMBER OF JOBS	5						
528788	MUD FLUSH III	24	BBL	0.00	94.45	2,266.80	60%	906.72
452992	ECONOCEM (TM) SYSTEM	430	SK			18,176.20	60.0%	7,270.48
452963	FRACCEM (TM) SYSTEM	250	SK			16,155.88	60.0%	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

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Ship To: APOLLO OPERATING Margil Farms, 12-2D 2880361 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	70,846.48	41,316.98	29,529.50

Halliburton Rep:

ROBERT SIPNEFSKI

Totals

USD

70,846.48

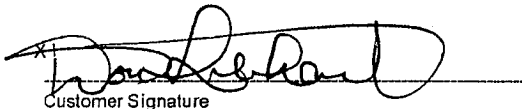
41,316.98

29,529.50

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.


 Customer Signature

FIELD TICKET TOTAL: USD

29,529.50

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

8493384

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
12-2D	Margil Farms	Weld	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 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

The Road to Excellence Starts with Safety

Sold To #: 353960	Ship To #: 2880361	Quote #:	Sales Order #: 8493384
Customer: APOLLO OPERATING		Customer Rep:	
Well Name: Margil Farms		Well #: 12-2D	API/UWI #: 05-123-33840
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: SIPNEFSKI, ROBERT	MBU ID Emp #: 419391

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BANUELOS, GUADALUPE	4	372277	HALE, ROBERT E	4	470588	SIPNEFSKI, ROBERT Anthony	4	419391
STOEBER, KEITH A	4	486734	TAYLOR, JOSHUA Lin	4	485939			

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10951208	24 mile	11036295C	24 mile	11036298	24 mile	11106651	24 mile
11341988C	24 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
9/24/11	4	1.5						

TOTAL Total is the sum of each column separately

Job

Formation Name	Formation Depth (MD) Top	Bottom	Form Type	Job depth MD	Job Depth TVD	Water Depth	Perforation Depth (MD) From	To
			BHST	7745. ft	7745. ft			
					4. ft			

Job Times

Date	Time	Time Zone
24 - Sep - 2011	05:00	MST
24 - Sep - 2011	08:30	MST
24 - Sep - 2011	11:39	MST
24 - Sep - 2011	12:54	MST
24 - Sep - 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				650.	7745.		
Production Casing	New		4.5	4.	11.6				7745.		
Surface Casing	Used		8.625	8.097	24.		J-55		650.		

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			
Fluid Data											
Stage/Plug #: 1											
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk		
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	Econocem	ECONOCHEM (TM) SYSTEM (452992)	430.0	sacks	12.5	1.89	10.3	6.0	10.3		
	12.5#										
	10.3 Gal	FRESH WATER									
4	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									
5	ClayFix III		15.00	Gal	8.33	.0	.0	5.0			
	2.5 gal/Mgal	CLAYFIX 3, TOTETANK (101583425)									
Calculated Values			Pressures			Volumes					
Displacement	118BBL	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	8	Displacement	8	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											

HALLIBURTON

Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 353960	Ship To #: 2880361	Quote #:	Sales Order #: 8493384
Customer: APOLLO OPERATING		Customer Rep:	
Well Name: Margil Farms		Well #: 12-2D	API/UWI #: 05-123-33840
Field: Wattenberg	City (SAP): MEAD	County/Parish: Weld	State: Colorado
Legal Description:			
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.		Long: E 0 deg. OR E 0 deg. 0 min. 0 secs.	
Contractor: 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: SIPNEFSKI, ROBERT	MBU ID Emp #: 419391

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Arrive at Location from Service Center	09/24/2011 08:30							
Rig-Up Equipment	09/24/2011 10:00							PERFORMED LOCATION ASSESSMENT PRIOR TO RIG UP.
Safety Meeting	09/24/2011 11:00							HELD SAFETY MEETING WITH ALL 3RD PARTY PERSONNEL.
Start Job	09/24/2011 11:39							
Test Lines	09/24/2011 11:41							
Pump Spacer 1	09/24/2011 11:42		5	20			228.0	20BBL OF WATER SUPPLIED BY RIG.
Pump Spacer 2	09/24/2011 11:46		5	24			237.0	24BBL OF MUDFLUSH III MIXED WITH WATER SUPPLIED BY RIG.
Pump Spacer 1	09/24/2011 11:52		5	10			307.0	10BBL OF WATER SUPPLIED BY RIG.
Pump Lead Cement	09/24/2011 11:54		8	145			352.0	430SKS OF ECONOCEM CMT. @ 12.5PPG MIXED WITH WATER SUPPLIED BY RIG.
Pump Tail Cement	09/24/2011 12:11		8	75			201.0	250SKS OF FRACCCEMCMT. @13.5PPG MIXED WITH WATER SUPPLIED BY RIG.
Shutdown	09/24/2011 12:27							

Sold To #: 353960

Ship To #: 2880361

Quote #:

Sales Order #:

8493384

HALLIBURTON

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Clean Lines	09/24/2011 12:27							
Drop Top Plug	09/24/2011 12:27							
Pump Displacement	09/24/2011 12:28		8	118			239.0	PUMPED 118BBL OF CLAYFIX WATER SUPPLIED BY RIG.
Bump Plug	09/24/2011 12:53						2439. 0	
Other	09/24/2011 12:54							CHECK FLOATS, FLOATS HELD.
End Job	09/24/2011 12:54							HELD PRE-RIG DOWN MEETING. PREPARE FOR DEPARTURE.

Sold To # : 353960

Ship To # : 2880361

Quote # :

Sales Order # :

8493384

QUANTITY : 7.00 100

DATE : 09/24/2011 09:00:00

Lease Name: Margil Farms 12-2D
SO #: 8493384

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 #: 29450361
- ☒ Sold to #: 3153960
- ☒ Bill to #: 3153960

Customer Billing Requirements:

- ☒ API Numbers: 65-12333840
- ☐ 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