

HALLIBURTON

SUNDANCE ENERGY INC

**MLD 33-22
WATTENBERG
Weld County , Colorado**

Cement Production Casing

13-Oct-2012

Job Site Documents

Field Ticket

Field Ticket Number: 9881976		Field Ticket Date: Saturday, October 13, 2012	
Bill To:		Job Name: MLD	
Ship To: SUNDANCE MLD 33-22,WELD MLD 33-22 2958973 BERTHOUD, CO 80513		Order Type: Streamline Order (ZOH)	
		Well Name: MLD 33-22	
		Company Code: 1100	
		Customer PO No.: NA	
		Shipping Point: Brighton, CO, USA	
		Sales Office: Rocky Mountains BD	
		Well Type: Gas	
		Well Category: Development	

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	65%	3,178.35
	DEPTH	7433						
	FEET/METERS (FT/M)		FT					
432904	CMT, ROCKIES SG SETUP	1	EA			7,887.00	46.54%	4,216.45
432905	CMT, ROCKIES SG MILEAGE	50	MI			1,122.50	61.7%	429.92
	Number of Units	1						
432906	CMT, ROCKIES SG DELIVERY	1	TNM			5,341.72	63.49%	1,950.07
	NUMBER OF TONS	21.53						
528788	MUD FLUSH III	24	BBL	0.00	94.45	2,266.80	65%	793.38
452963	FRACCEN (TM) SYSTEM	150	SK			9,639.22	65%	3,373.73
101894003	ENHANCER 923	752	LB	0.00	1.05	789.60	65%	276.36
101985045	CHEM, CLA-WEB - TOTE	6	GAL	0.00	474.30	2,845.80	65%	996.03
452981	EXTENDACEM (TM) SYSTEM	300	SK			15,172.81	65%	5,310.48
100003668	SUPER CBL	48	LB	0.00	72.35	3,472.80	65%	1,215.48
100003652	SALT,MORTON-PUREX-FINE	708	LB	0.00	0.44	311.52	65%	109.03
100008028	SUGAR, GRANULATED, IMPERIAL	100	LB	0.00	6.44	644.00	65%	225.40

Halliburton Rep: BRANDON NIELSON	Totals	USD	58,574.77	36,500.09	22,074.68
Customer Agent: Gene Hudson					
Halliburton Approval:					

Field Ticket

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Ship To:
 SUNDANCE MLD 33-22,WELD
 MLD 33-22
 2956973
 BERTHOUD, CO 80513

Job Name: MLD
Order Type: Streamline Order (ZOH)
Well Name: MLD 33-22
Company Code: 1100
Customer PO No.: NA
Shipping Point: Brighton, CO, USA
Sales Office: Rocky Mountains BD
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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** 22,074.68

Customer Signature

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

Comments

HALLIBURTON

SALES ORDER

Halliburton Energy Services, Inc.

Sales Order Number: 9882111

Sales Order Date: October 10, 2012

SOLD TO:

SUNDANCE ENERGY INC
633 17TH ST STE 1950
DENVER CO 80202
USA

Rig Name:

Well/Rig Name: SUNDANCE MLD 33-22,WELD
Company Code: 1100
Customer P.O. No.: n/a
Shipping Point: Brighton, CO, USA
Sales Office: Rocky Mountains BD
Well Type: Gas
Well Category: Development
Service Location: 0201
Payment Terms: Net 30 days from Invoice date
Ticket Type: Services
Order Type: ZOH

SHIP TO:

SUNDANCE MLD 33-22,WELD
MLD 33-22
WELD
BERTHOUD CO 80513
USA

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
374609	CMT CASING EQUIPMENT BOM CMT CASING EQUIPMENT BOM /	1.00	JOB					
100004879	SHOE,FLT,4-1/2 8RD,K55,2-3/4 SHOE, FLOAT, 4-1/2 8RD, K- 55, 2-3/4 / SUPER SEAL II VALVE	1.000	EA		599.00	599.00	389.35-	209.65
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	455.00-	245.00
100004473	CTRZR ASSY,API,4 1/2 CSG X 7 CENTRALIZER ASSEMBLY, API, 4 1/2 CASING / X 7 7/8 HOLE, HINGED, WITH WELDED BOWS	15.000	EA		126.00	1,890.00	1,228.50-	661.50
101241019	PLUG,CMTG,TOP,4 1/2,HWE,3.65 PLUG, CEMENTING, TOP, 4 1/2, HWE, 3.65 / MIN4.14 MAX CASING ID, SYNTHETIC / SERVICE	1.000	EA		186.00	186.00	120.90-	65.10
100005045	KIT,HALL WELD-A	1.000	EA		74.30	74.30	48.30-	26.00

HALLIBURTON

Halliburton Energy Services, Inc.

Sales Order Number: 9882111

Sales Order Date: October 10, 2012

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
100004595	BSKT,CEM,4 1/2 CSG X 6 1/4,8 806.70020 / BASKET - CEMENT - 4-1/2 CSG X 6-1/4 - / 8-3/4 HOLE - SLIP-ON - STEEL VANE - / UNIVERSAL BOW	2.000	EA		390.00	780.00	507.00-	273.00
SALES ORDER AMOUNT						4,229.30	2,749.05-	
SALES ORDER TOTAL						4,229.30	2,749.05-	1,480.25
Sales Tax - State								42.93
Total Weight: 189.10 LB								1,523.18
								US Dollars

INVOICE INSTRUCTIONS:

Operator Name:
Customer Agent:

Halliburton Approval: X _____
Customer Signature: X _____

The Road to Excellence Starts with Safety

Sold To #: 344834	Ship To #: 2956973	Quote #:	Sales Order #: 9881976
Customer: SUNDANCE ENERGY INC		Customer Rep: Hudson, Gene	
Well Name: MLD	Well #: 33-22	API/UWI #: 05-123-36133-00	
Field: WATTENBERG	City (SAP): BERTHOUD	County/Parish: Weld	State: Colorado
Contractor: Ensign	Rig/Platform Name/Num: 55		
Job Purpose: Cement Production Casing			
Well Type: Development Well		Job Type: Cement Production Casing	
Sales Person: AARON, WESLEY		Srvc Supervisor: NIELSON, BRANDON MBU ID Emp #: 479703	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BOURGEOIS, KEVIN Paul	4.5	459092	BROOM, KENDALL L	4.5	524682	DODSON, RICHARD Bryan	4.5	518192
NIELSON, BRANDON K	4.5	479703						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10824253C	25 mile	10867419C	25 mile	11036301	25 mile	11526488	25 mile

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
TOTAL		Total is the sum of each column separately						

Job

Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
Form Type	Job depth MD	7433. ft	Job Depth TVD	7433. ft	Job Started	13 - Oct - 2012	16:00
Water Depth	Wk Ht Above Floor	4. ft	Job Completed	13 - Oct - 2012	17:15	MST	
Perforation Depth (MD)	From	To	Departed Loc	13 - Oct - 2012	18:30	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				545.	7391.	545.	7391.
Production Casing	Unknown		4.5	4.	11.6			.	7391.	.	7391.
Surface Casing	Unknown		8.625	8.097	24.			.	545.	.	545.

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 ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk

Stage/Plug #: 1

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	Clay Web Water Spacer		20.00	bbl	8.4	.0	.0	.0	
2	MUD FLUSH III	MUD FLUSH III - SBM (528788)	24.00	bbl	8.4	.0	1000.0	5.0	
3	CalyWeb Water Spacer		10.00	bbl	8.4	.0	.0	.0	
4	Extendacem 11.3#	EXTENDACEM (TM) SYSTEM (452981)	300.0	sacks	11.3	2.46	14.12		14.12
	0.2 %	SUPER CBL, 50 LB PAIL (100003668)							
	3 %	SALT, 100 LB BAG (100003652)							
	14.12 Gal	FRESH WATER							
5	Fraccem 13.5#	FRACCEM (TM) SYSTEM (452963)	150.0	sacks	13.5	1.74	8.3	5.0	8.3
	5 lbm	ENHANCER 923, BULK (101894003)							
	8.3 Gal	FRESH WATER							
6	ClayWeb Water Displacement		114.00	bbl	8.34	.0	.0	7.0	
	2.5 gal/Mgal	CLA-WEB - TOTE (101985045)							
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	0 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

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Customer: SUNDANCE ENERGY INC		Customer Rep: Hudson, Gene	
Well Name: MLD	Well #: 33-22	API/UWI #: 05-123-36133-00	
Field: WATTENBERG	City (SAP): BERTHOUD	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: Ensign		Rig/Platform Name/Num: 55	
Job Purpose: Cement Production Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Production Casing	
Sales Person: AARON, WESLEY		Srvc Supervisor: NIELSON, BRANDON MBU ID Emp #: 479703	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Test Lines	10/13/2012 16:06							TESTED LINES TO 3500 SPI NO VISIBLE LEAKS
Pump Spacer 1	10/13/2012 16:08		5	20			340.0	FRESH WATER MIXED WITH CLAWEB
Pump Spacer 2	10/13/2012 16:14		5	24			380.0	FRESH WATER MIXED WITH MUD FLUSH
Pump Spacer 1	10/13/2012 16:18		5	10			400.0	FRESH WATER MIXED WITH CLAWEB
Pump Lead Cement	10/13/2012 16:21		8	131			450.0	300 SKS EXTEDACEM MIXED @ 11.3 # WITH FRESH WATER.
Pump Tail Cement	10/13/2012 16:40		6	46.4			400.0	150 SKS FRACCCEM MIXED @ 13.5 # WITH FRESH WATER
Shutdown	10/13/2012 16:50							
Clean Lines	10/13/2012 16:50							
Drop Top Plug	10/13/2012 16:57							PLUG PRE LOADED WITNESSED BY COMPANY REP
Pump Displacement	10/13/2012 16:57		8	114.4			399.0	FRESH WATER MIXED WITH CLAWEB. GOOD RETURNS THOUGH OUT
Bump Plug	10/13/2012 17:12		3				987.0	CALCULATED PRESSURE TO LAND WAS 906 PSI
Check Floats	10/13/2012 17:13						2500.0	
End Job	10/13/2012 17:13							

Water Analysis For Cement Mixing Water

Company:	SUNDANCE ENERGY INC	Lease:	MLD	Well Name, Nbr:	MLD, 33-22
Rig Name/Nbr:	55	API No. /UWI		05-123-36133-00	
County:	Weld	State:	Colorado	Country:	United States of America

FIELD TEST KIT

NOTE: These tests are an indication of POTENTIAL contamination and are not conclusive.
 For more comprehensive results, a sample should be submitted to the Local Area Lab

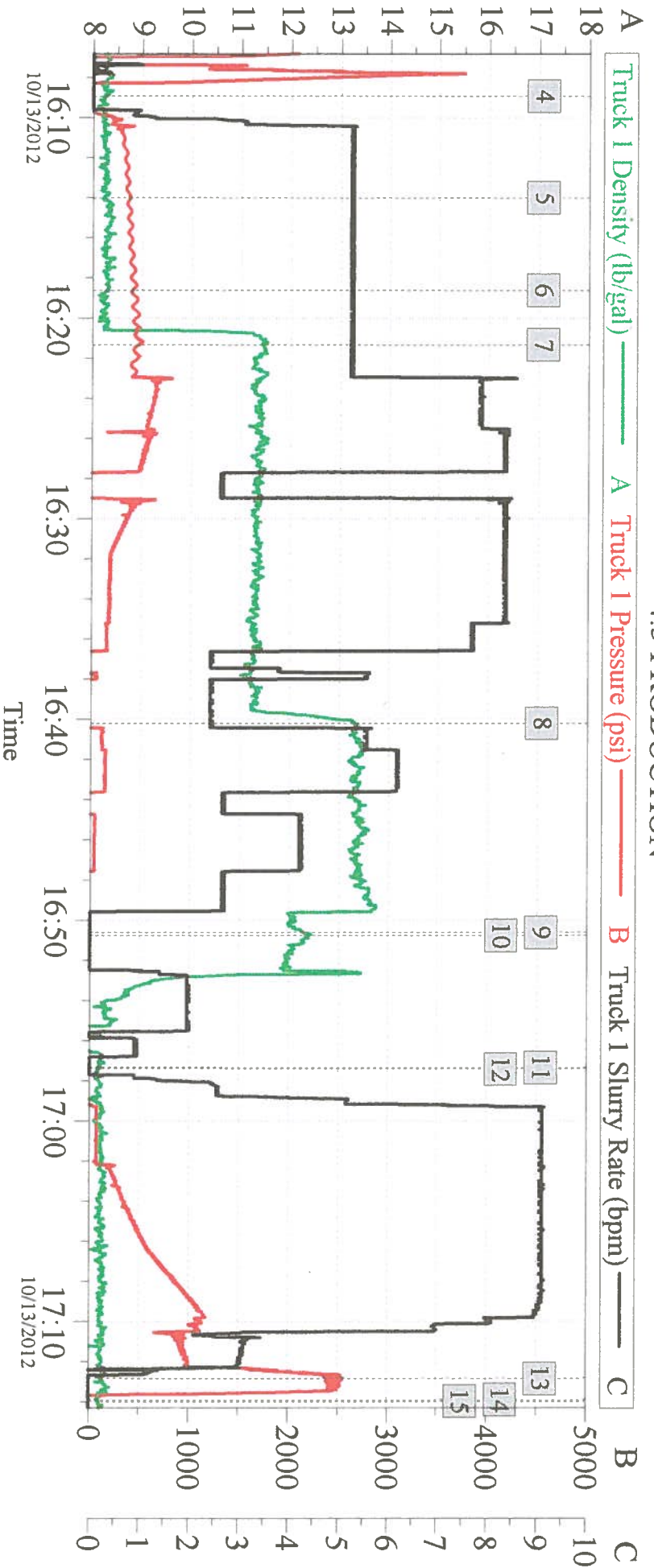
Date 13-Oct-2012
 Service Supervisor NIELSON, BRANDON

Ticket Number 9881976
 Water Source DAY TANK

Temperature 64 [*<80 F*]
 pH. 7 [*between 6-8 pH*]
 Specific Gravity _____ [*1.000 - 1.005 see Chart*]
 Chart in Kit shows comparisons of: Chlorides 0 [*<3,000 ppm @ 1.004 S.G.*]
 Calcium _____ [*<500 ppm @ 1.004 S.G.*]

PASS	FAIL	<u>Nessler's Nitrogen</u>	[<i>Passing Parameters</i>]
<input type="checkbox"/>	<input type="checkbox"/>	Color of Yellow _____	[<i><4.5 ppm (mg/L)</i>]
		<u>Tannin-Lignin</u>	
<input type="checkbox"/>	<input type="checkbox"/>	Color of Blue _____	[<i><25.0 ppm</i>]
		<u>Sulfate</u>	<200
		Degree of Clarity _____	[<i>200 ppm</i>]
<input type="checkbox"/>	<input type="checkbox"/>	Black X Visible _____	[<i>if NO >200 ppm = FAIL</i>]
		<u>Iron (Fe)</u>	0
<input type="checkbox"/>	<input type="checkbox"/>	Degree of Orange _____	[<i><20.0 ppm</i>]

SUNDANCE MLD 33-22 4.5 PRODUCTION



Global Event Log

Intersection	TIP	Intersection	TIP	Intersection	TIP
1 Starting Job	-194.5	2 Start Job	0.972	3 Test Lines	8.322
4 Pump Spacer 1	-13.01	5 Pump Spacer 2	372.6	6 Pump Spacer 1	397.2
7 Pump Lead Cement	465.7	8 Pump Tail Cement	-23.79	9 Other	-73.26
10 Clean Lines	-73.89	11 Drop Top Plug	-77.36	12 Pump Displacement	-77.56
13 Bump Plug	2510	14 Other	-74.98	15 End Job	-74.86
16 Ending Job	-72.92				

Customer:
Well Description:

Job Date: 13-Oct-2012
UWI:

Sales Order #: 9881976

SUNDANCE ENERGY INC.

SO# 9881976

- 1) PRESSURE TEST 3500 PSI
- 2) 20 BBL CLAWEB WATER
- 3) 24 BBL MUD FLUSH
- 4) 10 BBL CLAWEB WATER
- 5) 300 SKS OR 131 BBL EXTENDACEM @ 11.3 PPG
- 6) 150 SKS OR 46 BBL FRACCEM @ 13.5 PPG
- 7) SD WP&L
- 8) DTP
- 9) DISPLACE 114.4 BBL CLAWEB WATER
- 10) SLOW RATE TO 2 BPM IN LAST 10 BBL TO LAND PLUG
TO 2500 PSI
- 11) CHECK FLOATS