

Field Ticket

<b>Field Ticket Number:</b> 901076585		<b>Field Ticket Date:</b> Thursday, January 30, 2014	
<b>Bill To:</b> NOBLE ENERGY INC E-BUSINESS DONOTMAIL-1001 NOBLE ENERGY WAY HOUSTON, TX 77070		<b>Job Name:</b> MARIE D <b>Order Type:</b> Streamline Order (ZOH) <b>Well Name:</b> MARIE D 4-14 <b>Company Code:</b> 1100 <b>Customer PO No.:</b> NA <b>Shipping Point:</b> Fort Lupton, CO, USA <b>Sales Office:</b> Rocky Mountains BD <b>Well Type:</b> Gas <b>Well Category:</b> Development	
<b>Ship To:</b> MARIE D 4-14,WELD MARIE D 4-14 2896184 S4 T3N R64W KERSEY, CO 80644			

Material	Description	QTY	UOM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount
14099	CMT RECEMENT BOM	1	JOB	0.00				
2	MILEAGE FOR CEMENTING CREW,ZI	54	MI	0.00				
	Number of Units	1						
1	ZI-MILEAGE FROM NEAREST HES BASE,/UNIT	54	MI	0.00				
	Number of Units	1						
16091	ZI - PUMPING CHARGE	1	EA	0.00				
	DEPTH	600						
	FEET/METERS (FT/M)		FT					
114	RIA DENSOMETER W/CHART RECORDER,/JOB,ZI	1	JOB	0.00				
	NUMBER OF UNITS	1						
139	ADC (AUTO DENSITY CTRL) SYS,/JOB,ZI	1	JOB	0.00				
	NUMBER OF UNITS	1						
130104	PORT. DATA ACQUIS. W/OPTICEM RT W/HES	1	EA	0.00				
	DAYS OR PARTIAL DAY(WHOLE NO.)	1						
7	ENVIRONMENTAL SURCHARGE,/JOB,ZI	1	JOB	0.00				
8	IRON SAFETY INSPECTION SURCHARGE /JOB ZI	1	JOB	0.00				
86954	ZI FUEL SURCHG-CARS/PICKUPS<1 1/2TON	54	MI	0.00				
	Number of Units	1						
86955	ZI FUEL SURCHG-HEAVY TRKS >1 1/2 TON	54	MI	0.00				
	Number of Units	1						
87605	ZI FUEL SURCHG-CMT & CMT ADDITIVES	27	MI	0.00				
	NUMBER OF TONS	14.1						

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Material	Description	QTY	UOM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount
372867	Cmt PSL - DOT Vehicle Charge, CMT	1	EA	0.00				
76400	ZI MILEAGE,CMT MTLs DEL/RET MIN	27	MI	0.00				
	NUMBER OF TONS	14.1						
3965	HANDLE&DUMP SVC CHRg, CMT&ADDITIVES,ZI	300	CF	0.00				
	NUMBER OF EACH	1						
	Unit of Measurement		EA					
452986	HALCEM (TM) SYSTEM	300	SK					
100008028	SUGAR, GRANULATED, IMPERIAL	100	LB	0.00				

Halliburton Rep: BRANDON NIELSON  
 Customer Agent: Scott Trumble  
 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 11,339.14  
 Customer Signature

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

<b>Customer Information Only</b>
AFE/Project Number
Lease/Well Number

The Road to Excellence Starts with Safety

Sold To #: 345242	Ship To #: 2896184	Quote #:	Sales Order #: 901076585
Customer: NOBLE ENERGY INC E-BUSINESS		Customer Rep: Trumble, Scott	
Well Name: MARIE D	Well #: 4-14	API/UWI #: 05-123-13118	
Field: WATTENBERG	City (SAP): KERSEY	County/Parish: Weld	State: Colorado
Lat: N 40.249 deg. OR N 40 deg. 14 min. 56.461 secs.		Long: W 104.559 deg. OR W -105 deg. 26 min. 28.16 secs.	
Job Purpose: Recement Service			
Well Type: Development Well		Job Type: Recement Service	
Sales Person: FINK, JOHN		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 #
BANUELOS, GUADALUPE	3.0	372277	MAYFIELD, BYRON L	3.0	528751	NIELSON, BRANDON K	3.0	479703

Equipment							
HES Unit #	Distance-1 way						
10824253C	27 mile	12010172	27 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			BHST	On Location	30 - Jan - 2014	04:00	MST
Job depth MD	600. ft		Job Depth TVD	Job Started	30 - Jan - 2014	07:30	MST
Water Depth			Wk Ht Above Floor	Job Completed	30 - Jan - 2014	08:41	MST
Perforation Depth (MD)	From		To	Departed Loc	30 - Jan - 2014	09:30	MST
						10:30	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
4 1/2" Production Casing	Unknown		4.5	3.826	15.1				7608.		
8 5/8" Surface Casing	Unknown		8.625	8.097	24.	BTC	J-55		311.		
1 1/4" CSI Drill Pipe	Unknown		1.25	.671	3.02				600.		

Sales/Rental/3 <sup>rd</sup> Party (HES)				
Description	Qty	Qty uom	Depth	Supplier

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	Acid Type	Qty	Conc	%

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	

1	15.8# Cement	HALCEM (TM) SYSTEM (452986)	300.0	sacks	15.8	1.15	5.0		5.0
5 Gal		FRESH WATER							
<b>Calculated Values</b>		<b>Pressures</b>			<b>Volumes</b>				
<i>Displacement</i>		<i>Shut In: Instant</i>		<i>Lost Returns</i>		<i>Cement Slurry</i>		<i>Pad</i>	
<i>Top Of Cement</i>		<i>5 Min</i>		<i>Cement Returns</i>		<i>Actual Displacement</i>		<i>Treatment</i>	
<i>Frac Gradient</i>		<i>15 Min</i>		<i>Spacers</i>		<i>Load and Breakdown</i>		<i>Total Job</i>	
<b>Rates</b>									
<i>Circulating</i>		<i>Mixing</i>		<i>Displacement</i>		<i>Avg. Job</i>			
<i>Cement Left In Pipe</i>	<i>Amount</i>	<i>0 ft</i>	<i>Reason</i>	<i>Shoe Joint</i>					
<i>Frac Ring # 1 @</i>	<i>ID</i>	<i>Frac ring # 2 @</i>	<i>ID</i>	<i>Frac Ring # 3 @</i>	<i>ID</i>	<i>Frac Ring # 4 @</i>	<i>ID</i>		
<i>The Information Stated Herein Is Correct</i>				<b>Customer Representative Signature</b>					

*The Road to Excellence Starts with Safety*

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Well Name: MARIE D	Well #: 4-14	API/UWI #: 05-123-13118	
Field: WATTENBERG	City (SAP): KERSEY	County/Parish: Weld	State: Colorado
Legal Description:			
Lat: N 40.249 deg. OR N 40 deg. 14 min. 56.461 secs.		Long: W 104.559 deg. OR W -105 deg. 26 min. 28.16 secs.	
Contractor:		Rig/Platform Name/Num: Workover	
Job Purpose: Recement Service			Ticket Amount:
Well Type: Development Well		Job Type: Recement Service	
Sales Person: FINK, JOHN		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	
Call Out	01/30/2014 04:00							CREW CALLED OUT BY JOHN SITON.
Crew Leave Yard	01/30/2014 07:00							CREW PRE TRIPPED TRUCKS GOT ALL EQUIPMENT AND LEFT FOR LOCATION.
Arrive At Loc	01/30/2014 07:30							
Assessment Of Location Safety Meeting	01/30/2014 07:35							UPON ARRIVAL RIG WAS RUNNING 600 FEET OF TUBING IN THE HOLE.
Rig-Up Equipment	01/30/2014 07:40							SPOTTED TRUCKS AND BEGAN RIG UP.
Rig-Up Completed	01/30/2014 08:10							
Safety Meeting	01/30/2014 08:30							SAFTEY MEETING WITH RIG CREW.
Start Job	01/30/2014 08:41							
Test Lines	01/30/2014 08:43							
Pump Spacer 1	01/30/2014 08:49		1	10		350.0		FRESH WATER TO ESTABLISH CIRCULATION.
Pump Cement	01/30/2014 09:05		2.5	58.5		1780.0		<b>300 SKS HALCEM</b> MIXED @15.8 PPG WITH FRESH WATER. Cement returned to surface 40 bbl into leaving us with 18.5 bbl back.
Pump Displacement	01/30/2014 09:29							FRESH WATER TO CLEAR PUMPS AND LINES.

## Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Shutdown	01/30/2014 09:30							
End Job	01/30/2014 09:30							

Sold To #: 345242

Ship To #: 2896184

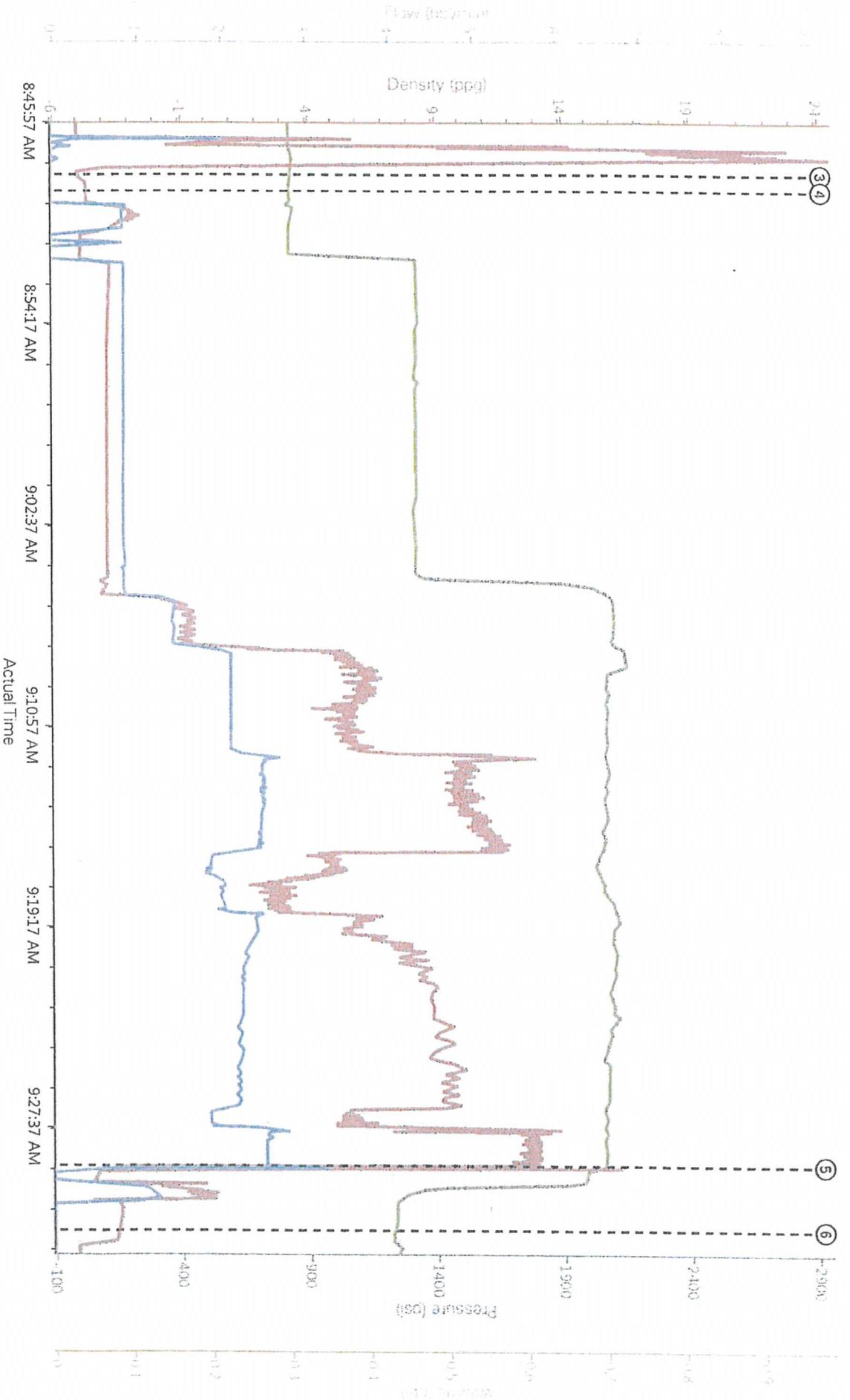
Quote #:

Sales Order #: 901076585

SUMMIT Version: 7.3.0109

Thursday, January 30, 2014 09:49:00

NOBLE MARIE D-4-14



Cement Density (ppg) DS Pump Press (psi) DS Pump Total (bbl) PS Pump Rate (bbl/min)

- 1) Start Job 8:50:59.02 AM
- 2) Test Lines 9:05:09.98 AM
- 3) Pump Spacer 1 9:40:15.03 AM
- 4) Prime Pumps 9:34:35.18 AM
- 5) Pump Displacement 15:14:55.08 AM
- 6) Shutdown 7:00:15.41 AM
- 7) End Job 7:49:33.91 AM
- 8) Start Job 7:47:45.91 AM