

# HALLIBURTON

## Field Ticket

<b>Field Ticket Number:</b> 901231728		<b>Field Ticket Date:</b> Monday, March 31, 2014	
<b>Bill To:</b> NOBLE ENERGY INC E-BUSINESS DONOTMAIL-1001 NOBLE ENERGY WAY HOUSTON, TX 77070		<b>Job Name:</b> Ann Fill <b>Order Type:</b> Streamline Order (ZOH) <b>Well Name:</b> SCHMIDT 30-13G <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> Workover	
<b>Ship To:</b> NOBLE ENERGY INC E-BUSINESS SCHMIDT, 30-13G 2622591 PLATTEVILLE, CO 80651			

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	48	MI	0.00				
	Number of Units	1						
1	ZI-MILEAGE FROM NEAREST HES BASE,/UNIT	48	MI	0.00				
	Number of Units	1						
16091	ZI - PUMPING CHARGE	1	EA	0.00				
	DEPTH	600						
	FEET/METERS (FTM)		FT					
114	R/A DENSOMETER W/CHART RECORDER,/JOB,Z	1	JOB	0.00				
	NUMBER OF UNITS	1						
139	ADC (AUTO DENSITY CTRL) SYS,/JOB,ZI	1	JOB	0.00				
	NUMBER OF UNITS	1						
132	PORT. DAS W/CEMWIN;ACQUIRE W/HES, ZI	1	JOB	0.00				
	NUMBER OF DAYS	1						
7	ENVIRONMENTAL CHARGE,/JOB,ZI	1	JOB	0.00				
8	IRON SAFETY INSPECTION SURCHARGE /JOB Z	1	JOB	0.00				
372867	Cmt PSL - DOT Vehicle Charge, CMT	2	EA	0.00				
86954	ZI FUEL SURCHG-CARS/PICKUPS<1 1/2TON	48	MI	0.17	0.00	8.16		8.16
	Number of Units	1						
86955	ZI FUEL SURCHG-HEAVY TRKS >1 1/2 TON	48	MI	0.51	0.00	24.48		24.48
	Number of Units	1						

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1 of 3

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<b>Ship To:</b> NOBLE ENERGY INC E-BUSINESS SCHMIDT, 30-13G 2622591 PLATTEVILLE, CO 80651			

Material	Description	QTY	UOM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount
87605	ZI FUEL SURCHG-CMT & CMT ADDITIVES	24	MI	0.17				
	NUMBER OF TONS	10.34						
76400	ZI MILEAGE,CMT MTLS DEL/RET MIN	24	MI	0.00				
	NUMBER OF TONS	10.34						
3965	HANDLE&DUMP SVC CHRГ, CMT&ADDITIVES,ZI	220	CF	0.00				
	NUMBER OF EACH	1						
	Unit of Measurement		EA					
452986	HALCEM (TM) SYSTEM	220	SK					
100008028	SUGAR, GRANULATED, IMPERIAL	50	LB	0.00				
87605	ZI FUEL SURCHG-CMT & CMT ADDITIVES	24	MI	0.17				
	NUMBER OF TONS	3.76						
76400	ZI MILEAGE,CMT MTLS DEL/RET MIN	24	MI	0.00				
	NUMBER OF TONS	3.76						

Halliburton Rep: WESLEY WHIPPLE  
 Customer Agent: Ryan Beam  
 Halliburton Approval:

Totals



## The Road to Excellence Starts with Safety

Sold To #: 345242	Ship To #: 2622591	Quote #:	Sales Order #: 901231728
Customer: NOBLE ENERGY INC E-BUSINESS		Customer Rep: Beam, Ryan	
Well Name: SCHMIDT	Well #: 30-13G	API/UWI #: 05-123-14938	
Field:	City (SAP): PLATTEVILLE	County/Parish: Weld	State: Colorado
Contractor: Noble		Rig/Platform Name/Num: Workover	
Job Purpose: Recement Service			
Well Type: Development Well		Job Type: Recement Service	
Sales Person: FLING, MATTHEW		Srv Supervisor: WHIPPLE, WESLEY	MBU ID Emp #: 518611

## Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
ALVAREZ, BRANDON Paul	2.7	555850	BROOM, KENDALL L	2.7	524682	WHIPPLE, WESLEY Morgan	2.7	518611
WILEY, JAMES A	2.7	440080						

## Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10972458	24 mile	11488570C	24 mile	11562562	24 mile	11605599	24 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

Formation Name	Formation Depth (MD)	Top	Bottom	Job Type	Job depth MD	Job Depth TVD	Water Depth	Perforation Depth (MD)	From	To
				BHST	600. ft	600. ft				
							Wk Ht Above Floor			

## 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
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## 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

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
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## Stage/Plug #: 1

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density uom	Yield uom	Mix Fluid uom	Rate uom	Total Mix Fluid uom
1	15.8# Cement	HALCEM (TM) SYSTEM (452986)		sacks	15.8	1.15	5.0		5.0
	5 Gal	FRESH WATER							

## Calculated Values

## Pressures

## Volumes

**HALLIBURTON*****Cementing Job Summary***

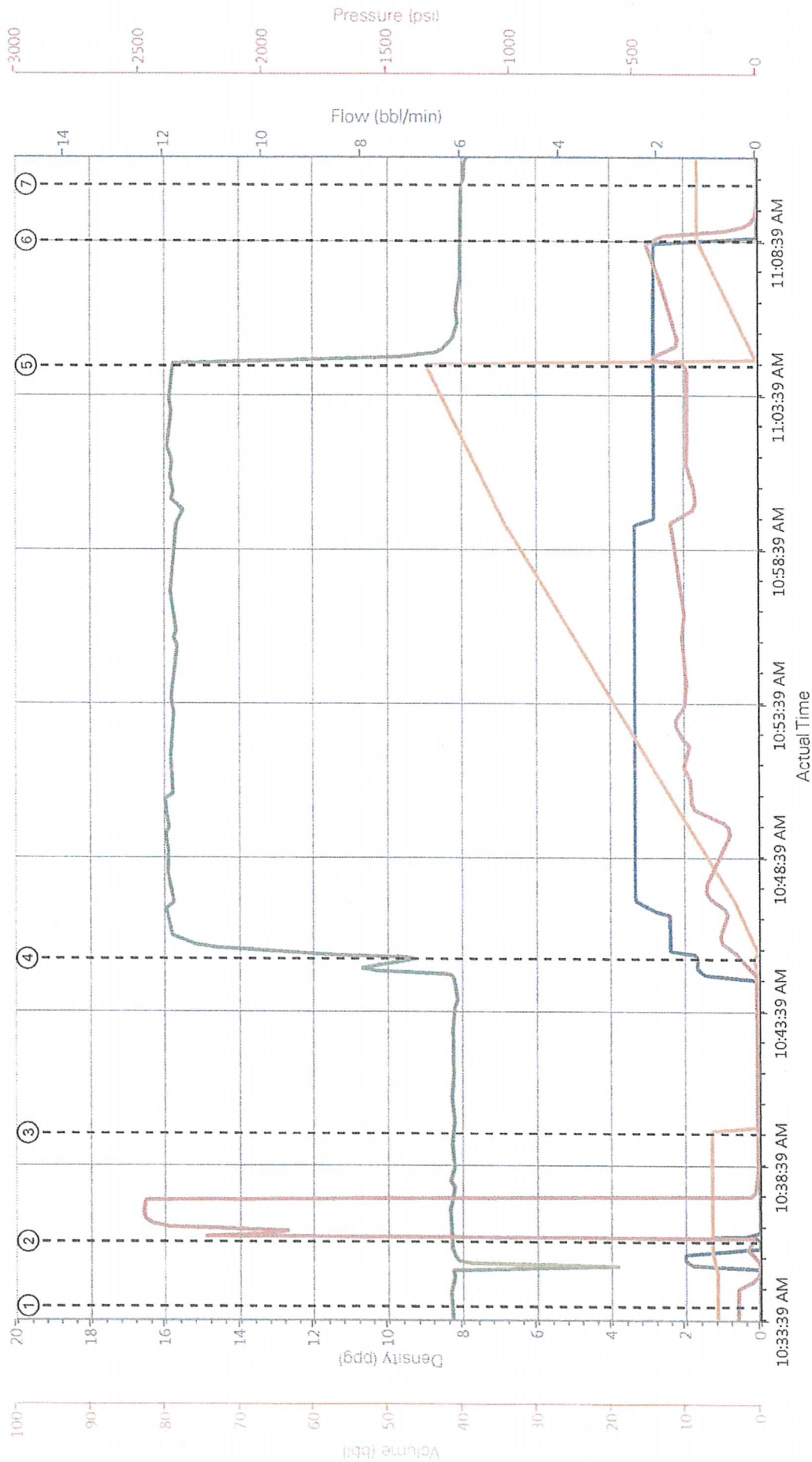
Stage/Plug #: 1									
Displacement	8.5	Shut In: Instant			Lost Returns		Cement Slurry		Pad
Top Of Cement		5 Min			Cement Returns	7	Actual Displacement		Treatment
Frac Gradient		15 Min			Spacers	1	Load and Breakdown		Total Job
Rates									
Circulating		Mixing		2.5	Displacement		2	Avg. Job	2
Cement Left In Pipe	Amount	0 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID		Frac ring # 2 @	ID		Frac Ring # 3 @	ID		Frac Ring # 4 @
The Information Stated Herein Is Correct					Customer Representative Signature				



## Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Cement	03/31/2014 10:45		2.5	45			330.0	Mix and pump 220 sks of HalCem @ 15.8 ppg. Density verified by pressurized mud scales.
Pump Displacement	03/31/2014 11:04		2	8.5				Pump 8.5bbls of displacement. Recieved 7 bbls of cement to surface
Shutdown	03/31/2014 11:08							Shutdown to wash cement mixing system
Clean Lines	03/31/2014 11:09							Wash pumps and lines into rig tanks
End Job	03/31/2014 11:10							End Job
Rig-Down Equipment	03/31/2014 11:20							Crew commence rig down of all equipment
Crew Leave Location	03/31/2014 12:00							Held pre journey safety meeting to discuss route being traveled, weather conditions and potential driving hazards. All Drivers fit for duty

# Noble Schmidt 30-13G ReCement



DH Density (ppg)    Comb Pump Rate (bbl/min)    Pump Sig Tot (bbl)    PS Pump Press (psii)

- ① Start Job 8.25.0; 8.91
- ② Test Lines 8.29.0; 5.24
- ③ Pump Spacer 1 8.24.0; 0.8
- ④ Pump Cement 11.26.1; 0.87
- ⑤ Pump Displacement 15.73.2.1; 0.317
- ⑥ Shutdown 8.03.0; 0.398
- ⑦ End Job 7.99.0; 2.1

**HALLIBURTON** | iCem® Service

Customer: NOBLE ENERGY INC E-BUSINESS  
Representative: W.Whipple/ K.Broom/ B.Alvarez

Job Date: 3/31/2014 10:07:07 AM  
Sales Order #: 901231728

Well: Schmidt 30-13G

Created: 2014-03-31 10:04:40, Version: 3.0.121

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