

Field Ticket Number: 0901857579

Field Ticket Date: Monday, November 24, 2014

Planning Order #: NA

Bill To:

NOBLE ENERGY INC - EBUS,
DONOTMAIL-1001 NOBLE ENERGY WAY,
HOUSTON, TX, 77070

Ship To:

BICKLING #3-44 WELD,
S3 T6N R65W,
KERSEY, CO, 80644

Job Name:

Annular Fill

Order Type:

ZOH

Well Name:

Bickling 3-44

Company Code:

1100

Customer PO No.:

NA

Shipping Point:

FORT LUPTON Shipping Point

Sales Office:

ROCKY MOUNTAINS BD

Well Type:

GAS

Well Category:

DEVELOPMENT

Rig Name#:

Workover

Material	Description	QTY	UOM	Unit Amount	Gross Amount	Discount	Net Amount
14099	CMT RECEMENT BOM	1	JOB				
2	MILEAGE FOR CEMENTING CREW Number of Units	80 1	MI				
1	ZI-MILEAGE FROM NEAREST HES BASE,/UNIT Number of Units	80 1	MI				
16091	ZI - PUMPING CHARGE FEET/METERS (FT/M) DEPTH	1 578	EA				
114	R/A DENSOMETER W/CHART RECORDER,/JOB,ZI NUMBER OF UNITS	1 1	JOB				
130104	PORT. DATA ACQUIS. W/OPTICEM RT W/HES DAYS OR PARTIAL DAY(WHOLE NO.)	1 1	EA				
3965	HANDLE&DUMP SVC CHR.G, CMT&ADDITIVES,ZI Unit of Measurement NUMBER OF EACH	175 EA 1	CF				
	SURCHARGES						
139	ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI NUMBER OF UNITS	1 1	JOB				
92	PORTABLE RADIOS, ZI NUMBER OF JOBS	4 1	EA				
7	ENVIRONMENTAL CHARGE,/JOB,ZI	1	JOB				
8	IRON SAFETY INSPECTION SURCHARGE /JOB ZI	1	JOB				
372867	Cmt PSL - DOT Vehicle Charge, CMT	2	EA				
86954	ZI FUEL SURCHG-CARS/PICKUPS<1 1/2TON Number of Units	80 1	MI				
86955	ZI FUEL SURCHG-HEAVY TRKS >1 1/2 TON Number of Units	80 1	MI				
	CEMENTING MATERIALS						
452986	CMT, HalCem (TM) system	175	SK				
76400	MILEAGE,CMT MTL'S DEL/RET MIN Base Amount = 307.09 NUMBER OF TONS	40 8.22	MI				
87605	FUEL SURCHG-CMT & CMT ADDITIVES NUMBER OF TONS	40 8.22	MI				
100008028	CHEM, SUGAR,GRANULATED, 50LB BAG	100	LB				

Totals USD

The Road to Excellence Starts with Safety

Sold To #: 345242		Ship To #: 3622548		Quote #:		Sales Order #: 0901857579				
Customer: NOBLE ENERGY INC E-BUSINESS				Customer Rep: NOBLE						
Well Name: Bickling		Well #: 3-44		API/UWI #:						
Field:		City (SAP): KERSEY		County/Parish: WELD		State: COLORADO				
Legal Description:										
Contractor:				Rig/Platform Name/Num: Workover						
Job BOM: 14099										
Well Type: GAS										
Sales Person: HALAMERICA/HB21661				Srv Supervisor: Vaughn Oteri						
Job										
Formation Name										
Formation Depth (MD)		Top		Bottom						
Form Type				BHST						
Job depth MD		578ft		Job Depth TVD						
Water Depth				Wk Ht Above Floor						
Perforation Depth (MD)		From		To						
Well Data										
Description	New / Used	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Tubing		1.25	0.671	3.02			0	410		
Casing		4.5	3.826	15.1			0	7331		0
Tools and Accessories										
Type	Size in	Qty	Make	Depth ft		Type	Size in	Qty	Make	
Guide Shoe	1.25	1		410		Top Plug	1.25	1	HES	
Float Shoe	1.25	1				Bottom Plug	1.25	1	HES	
Float Collar	1.25	1				SSR plug set	1.25	1	HES	
Insert Float	1.25	1				Plug Container	1.25	1	HES	
Stage Tool	1.25	1				Centralizers	1.25	1	HES	
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 ft ³ /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal	
1	Tail Cement	HALCEM (TM) SYSTEM	175	sack	15.8	1.15		2	4.98	
4.98 Gal		FRESH WATER								
Cement Left In Pipe										
Amount	ft	Reason				Shoe Joint				
Comment										

Summary Report



Crew: _____

Job Start Date: 11/24/2014

Sales Order #: 0901857579
WO #: 0901857579
PO/AFE #: NA

Customer: NOBLE ENERGY INC E-BUSINESS Field:

UWI / API Number:

Well Name: Bickling

Well No: 3-44

County/Parish: WELD

State: COLORADO

Latitude:

Longitude:

Sect / Twn / Rng: //

Job Type: CMT RECEMENT
BOM
Service Supervisor: Vaughn Oteri

Cust Rep Name: NOBLE

Cust Rep Phone #:

Remarks:

<i>The Information Stated Herein Is Correct</i>	Customer Representative Signature	Date
	Customer Representative Printed Name	

HALLIBURTON

NOBLE ENERGY INC
NOBLE BICKLING 3-44 RECEMENT SO#901857579
Case 1

4.5 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	Comb Pump Rate (bbl/min)	DH Density (ppg)	PS Pump Press (psi)	Comments
Event	1	Call Out	Call Out	11/24/2014	04:15:00	USER				CALLED OUT FROM ARS OFFICE
Event	2	Arrive At Loc	Arrive At Loc	11/24/2014	13:00:00	USER				UPON ARRIVAL ON LOCATION MET WITH COMPANY REP AND DISCUSSED JOB PROCEDURES
Event	3	Start Job	Start Job	11/24/2014	14:06:00	USER				HELD PRE JOB SAFETY MEETING WITH ALL HANDS ON LOCATION TO DISCUSS JOB PROCESSES
Event	4	Test Lines	Test Lines	11/24/2014	14:11:00	USER				PRESSURE TESTED PUMPS AND LINES PRESSURE HELD GOOD. NO EVIDENT LEAKS UPON INSPECTION OF IRON
Event	5	Pump Spacer 1	Pump Spacer 1	11/24/2014	14:15:00	USER				PUMPED 5BBL FRESH WATER TO ESTABLISH A INJECTION RATE 1.5BPM 35PSI
Event	6	Pump Lead Cement	Pump Lead Cement	11/24/2014	14:20:00	USER				PUMPED 36BBL 15.8PPG HALCEM 28PM 230PSI
Event	7	Shutdown	Shutdown	11/24/2014	14:46:00	USER				ONCE FINISHED PUMPING CEMENT PUMPED .5BBL FRESH WATER BEHIND TO CLEAN LINES
Event	8	End Job	End Job	11/24/2014	14:49:00	USER				5BBL CMT BACK TO SURFACE

HALLIBURTON

NOBLE ENERGY INC
NOBLE BICKLING 3-44 RECEMENT SOH901857579
Case 1

5.0 Custom Graphs

5.1 Custom Graph

