

Job Name: Squeeze

Bill To:  
NORLE ENERGY

Field Ticket Number: 0901406626

Field Ticket Date: Thursday, June 05, 2014

Planning Order #: NA

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

Order Type: ZOH  
 Well Name: Wells Ranch USX AA 13-08  
 Company Code: 1100  
 Customer PO No.: Na  
 Shipping Point: FORT LUPTON Shipping Point  
 Sales Office: ROCKY MOUNTAINS BD  
 Well Type: OIL  
 Well Category: Development

## Ship To:

WELLS RANCH USX AA #13-08.WELD  
S13 T6N R63W,  
KERSEY, CO, 80644

Material	Description	QTY	UOM	Unit Amount	Gross Amount	Discount	Net Amount
	CMT RECEMENT BOM Cement Services & Equipment	1	JOB				
	MILEAGE FOR CEMENTING CREW Number of Units	60 1	MI				
	ZI-MILEAGE FROM NEAREST HES BASE./UNIT Number of Units	60 1	MI				
	ZI - PUMPING CHARGE FEET/METERS (FT/M) DEPTH	1 FT 3540	EA				
	ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI NUMBER OF JOBS NUMBER OF UNITS ENTER FEET/METER/JOB/DAY	1 1 1 JOB	JOB				
	PORT. DATA ACQUIS. W/OPTICEM RT W/HES DAYS OR PARTIAL DAY(WHOLE NO.)	1 1	EA				
	R/A DENSOMETER W/CHART RECORDER./JOB,ZI NUMBER OF UNITS	1 1	JOB				
	TUBING/ROTARY SUB RNTL,2.38",1ST DAY, ZI DAYS OR FRACTION (MIN1) HR/DAY/WEEK/MTH/YEAR/JOB/RUN Cement Surcharges	1 1 DAY	EA				
	ENVIRONMENTAL CHARGE./JOB,ZI	1	JOB				
	IRON SAFETY INSPECTION SURCHARGE /JOB ZI	1	JOB				
	ZI FUEL SURCHG-CARS/PICKUPS<1 1/2TON Number of Units	100 1	MI				
	ZI FUEL SURCHG-HEAVY TRKS >1 1/2 TON Number of Units	100 1	MI				
	FUEL SURCHG-CMT & CMT ADDITIVES NUMBER OF TONS	50 7.135	MI				
	Cmt PSL - DOT Vehicle Charge, CMT Cement Materials	2	EA				
	MILEAGE,CMT MTLs DEL/RET MIN NUMBER OF TONS	50 7.135	MI				
	HANDLE&DUMP SVC CHRg, CMT&ADDITIVES,ZI Unit of Measurement NUMBER OF EACH	160 EA 1	CF				
	CMT, HalCem (TM) system	150	SK				
	PORTABLE RADIOS, ZI NUMBER OF JOBS ENTER FEET/METER/JOB/DAY	3 1 JOB	EA				
	CHEM, SUGAR,GRANULATED, 50LB BAG	50	LB				

Time	PS Pump Press (psi)	DH Density (ppg)	Comb Pump Rate (bbl/min)	Mudcup Density (ppg)	Comment
02:00:00					CALL OUT FROM ARS OFFICE
06:45:00					ARRIVE ON LOCATION MET WITH COMPANY REP TO DISCUSS JOB PROCESS AND CONCERNS
08:35:40	18.00	8.18	0.00	0.00	HELD PREJOB SAFETY MEETING TO DISCUSS JOB PROCESS AND HAZARDS
08:37:00	494.00	8.26	0.00	0.00	PRESSURE TESTED PUMPS AND LINES FOUND NO LEAKS AND PRESSURE HELD GOOD
08:39:50					PUMPED 108BL OF FRESH WATER TO GET INJECTION 2.0BPM 1750PSI
8:48:00	1747.00	8.32	2.00	0.00	MIXED 150SSK OR 308BL OF 15.8PPG HALCEM 2BPM 1746PSI
9:02:50	2114.00	12.02	2.00	0.00	PUMPED 148BL OF OF FRESH WATER TO DISPLACE CEMENT
9:10:10	894.00	7.50	0.00	0.00	SHUT DOWN FOR 1 HOUR FOR CEMENT TO CURE
0:10:50	811.00	7.40	0.00	0.00	PRESSURE UP WELL .588L HOLD FOR 30MIN
0:44:20	1600.00	7.41	0.30	0.00	PRESSURE UP WELL .2588L FOR 15MIN
0:59:50	777.00	7.39	0.00	0.00	PRESSURE UP WELL .2588L FOR 30MIN
1:30:40	1688.00	7.40	0.30	0.00	PRESSURE UP WELL .2588L
1:59:40	828.00	7.32	0.00	0.00	PRESSURE UP WELL .588L
2:15:33	2855.00	7.41	0.00	0.00	PRESSURE UP WELL .2588L

# HALLIBURTON

NOBLE ENERGY INC  
NOBLE WELLS RANCH USX AA 13-08 RECEMENT  
Case 1

Event	15	Other	Other	6/5/2014	12:32:51	COM6	RELEASE PRESSURE BACK
Event	16	End Job	End Job	6/5/2014	12:41:22	COM6	

4.92 Gal		FRESH WATER							
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
3	Water	Water	16	bbl	8.34				
Cement Left In Pipe		Amount	ft	Reason			Shoe Joint		
Comment									

## 4.0 Custom Graphs

### 4.1 Custom Graph

