

Field Ticket Number: 0901852857	Field Ticket Date: Monday, November 24, 2014	Planning Order #: NA
Bill To: NOBLE ENERGY INC - EBUS, DONOTMAIL-1001 NOBLE ENERGY WAY, HOUSTON, TX, 77070	Job Name: Annular Fill Order Type: ZOH Well Name: Lopresto PM K2-2 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	
Ship To: LOPRESTO-PM K #2-2,WELD, S2 T4N R66W, GREELEY, CO, 80631		

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	60 1	MI				
1	ZI-MILEAGE FROM NEAREST HES BASE,/UNIT Number of Units	60 1	MI				
16091	ZI - PUMPING CHARGE FEET/METERS (FT/M) DEPTH	1 FT 7331	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 CHRG, CMT&ADDITIVES,ZI Unit of Measurement NUMBER OF EACH	156 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	60 1	MI				
86955	ZI FUEL SURCHG-HEAVY TRKS >1 1/2 TON Number of Units	60 1	MI				
	CEMENTING MATERIALS						
452986	CMT, HalCem (TM) system	156	SK				
100008028	CHEM, SUGAR,GRANULATED, 50LB BAG	50	LB				
76400	MILEAGE,CMT MTLs DEL/RET MIN Base Amount = 307.09 NUMBER OF TONS	30 7.33	MI				
87605	FUEL SURCHG-CMT & CMT ADDITIVES NUMBER OF TONS	30 7.33	MI				

Totals US.

The Road to Excellence Starts with Safety

Sold To #: 345242		Ship To #: 3622462		Quote #:		Sales Order #: 0901852857				
Customer: NOBLE ENERGY INC E-BUSINESS				Customer Rep:						
Well Name: Lopresto		Well #: PM K2-2		API/UWI #:						
Field:	City (SAP): GREELEY	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:						
Job										
Formation Name										
Formation Depth (MD)		Top			Bottom					
Form Type				BHST						
Job depth MD		7331 ft		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		156	sack	15.8	1.15		2	5
5 Gal		FRESH WATER								
Cement Left In Pipe										
Amount		ft		Reason			Shoe Joint			
Comment										

HALIBURTON

NOBLE ENERGY INC
NOBLE LOPRESTO PM K2-2 RECEMENT SO#901852857
Case 1

3.5 Job Event Log

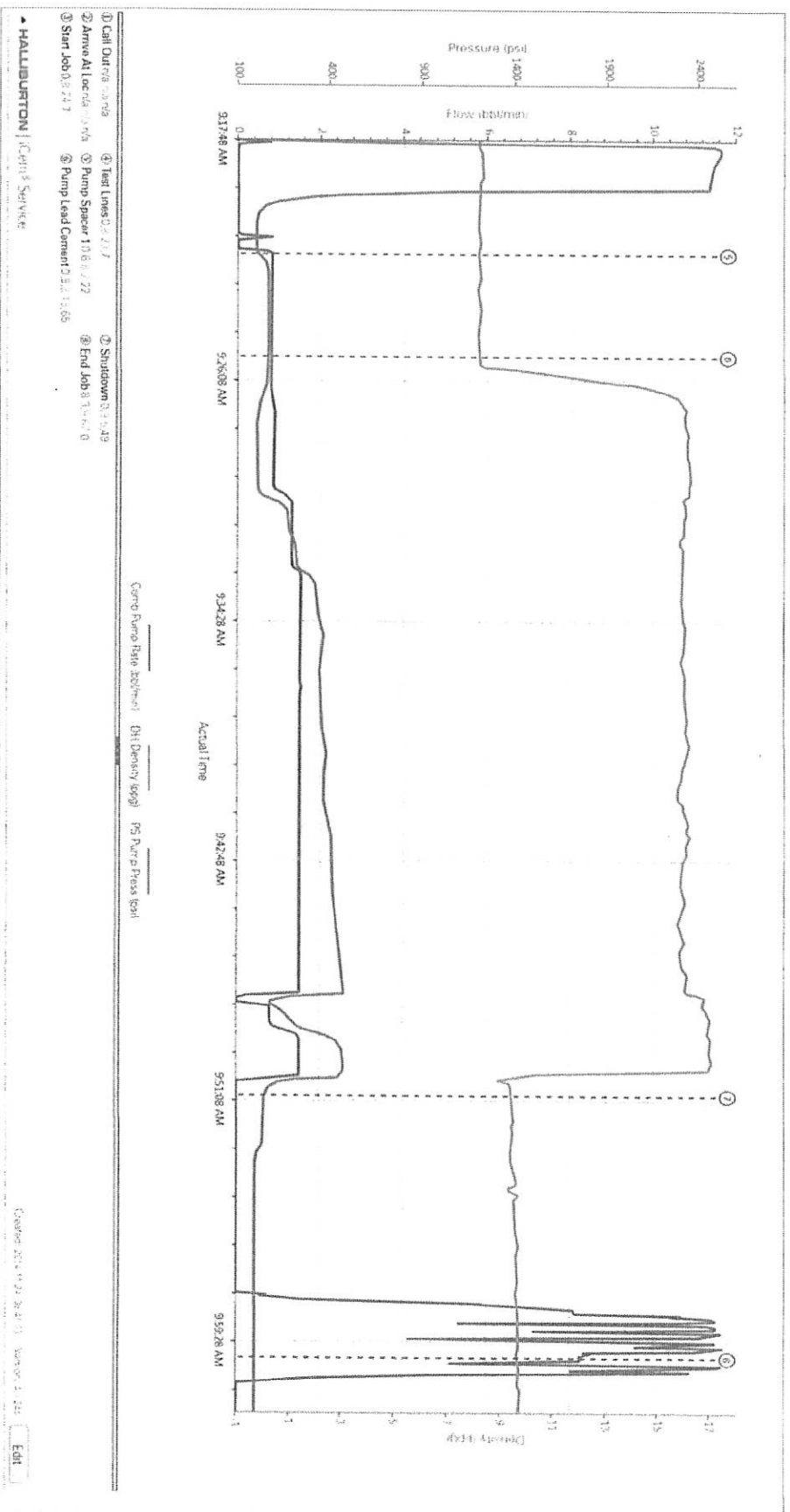
Type	Seq. No.	Activity	Graph Label	Date	Time	Source	Comb Pump Rate (bbl/min)	DH Density (ppg)	PS Pump Press (psi)	Comments
Event	1	Call Out	Call Out	11/24/2014	04:15:00	USER				CALL OUT FROM ARS OFFICE
Event	2	Arrive At Loc	Arrive At Loc	11/24/2014	08:20:00	USER				UPON ARRIVAL MET WITH COMPANY REP AND DISCUSSED JOB PROCESSES AND CONCERNS ADVISED RIG WAS AT SETTING DEPTHS AND READY FOR HES TO TAKE CONTROL OF THE WELL
Event	3	Start Job	Start Job	11/24/2014	09:14:33	COM6	0.00	8.24	7.00	HELD PRE-JOB SAFETY MEETING WITH ALL HANDS ON LOCATION TO DISCUSS JOB PROCESS AND HAZARDS
Event	4	Test Lines	Test Lines	11/24/2014	09:17:09	COM6	0.00	8.23	7.00	PRESSURE TESTED PUMPS AND LINES FOUND NO EVIDENT LEAKS AND PRESSURE HELD GOOD
Event	5	Pump Spacer 1	Pump Spacer 1	11/24/2014	09:21:50	COM6	0.80	8.20	22.00	PUMPED THREE BBLS OF FRESH WATER FOR INJECTION RATE AND PRESSURE WAS AT 55PSI 2BPM
Event	6	Pump Lead Cement	Pump Lead Cement	11/24/2014	09:25:23	COM6	0.80	8.18	65.00	PUMPED 32BBL OF 15.8 HALCEM CEMENT AT 2BPM. ONCE WE FINISHED PUMPING CMT PUMPED .58BL OF FRESH WATER TO CLEAN LINES
Event	7	Shutdown	Shutdown	11/24/2014	09:51:02	COM6	0.00	9.50	49.00	SHUT OFF PUMPS TO SWITCH LINES TO WASH UP TANK
Event	8	End Job	End Job	11/24/2014	10:00:06	COM6	8.30	9.67	0.00	RECEIVED 68BL CEMENT

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Case 1

4.0 Attachments

4.1 Case 1-Custom Results.png



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NOBLE ENERGY INC
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Case 1

5.0 Custom Graphs

5.1 Custom Graph

