

Field Ticket Number: 0901566588		Field Ticket Date: Thursday, August 07, 2014		Planning Order #: NA	
Bill To: NOBLE ENERGY INC E-BUSINESS, DONOTMAIL-1001 NOBLE ENERGY WAY, HOUSTON, TX, 77070			Job Name: Annular Fill Order Type: ZOH Well Name: Kammerzell 13-4 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/#: Ensign 302		
Ship To: KAMMERZELL #13-4, WELD, S4 T4N R66W, EVANS, CO, 80620					

Material	Description	QTY	UOM	Unit Amount	Gross Amount	Discount	Net Amount
14099	CMT RECEMENT BOM	1	JOB				.00
2	MILEAGE FOR CEMENTING CREW Number of Units	44 1	MI				.38
1	ZI-MILEAGE FROM NEAREST HES BASE,/UNIT Number of Units	44 1	MI				.30
16091	ZI - PUMPING CHARGE FEET/METERS (FT/M) DEPTH	1 FT 5035	EA				.80
114	R/A DENSOMETER W/CHART RECORDER,/JOB,ZI NUMBER OF UNITS	1 1	JOB				.00
130104	PORT. DATA ACQUIS. W/OPTICEM RT W/HES DAYS OR PARTIAL DAY(WHOLE NO.)	1 1	EA				.60
3965	HANDLE&DUMP SVC CHR.G, CMT&ADDITIVES,ZI NUMBER OF EACH Unit of Measurement	300 1 EA	CF				.80
	SURCHARGES						
92	PORTABLE RADIOS, ZI NUMBER OF JOBS	4 1	EA				.00
7	ENVIRONMENTAL CHARGE,/JOB,ZI	1	JOB				.00
8	IRON SAFETY INSPECTION SURCHARGE /JOB ZI	1	JOB				.00
372867	Cmt PSL - DOT Vehicle Charge, CMT	2	EA				.00
656520	CMT, S.O.T./S.M.M. Permit	2	EA				.00
86954	ZI FUEL SURCHG-CARS/PICKUPS<1 1/2TON Number of Units	44 1	MI				.48
86955	ZI FUEL SURCHG-HEAVY TRKS >1 1/2 TON Number of Units	44 1	MI				.4
87605	FUEL SURCHG-CMT & CMT ADDITIVES NUMBER OF TONS	22 13.39	MI				.8
	CEMENTING MATERIALS						
452986	CMT, HalCem (TM) system	279	SK				.2
100008028	CHEM. SUGAR, GRANULATED, 50LB BAG	50	LB				.0
76400	MILEAGE,CMT MTLs DEL/RET MIN NUMBER OF TONS	22 13.39	MI				.4
76400	MILEAGE,CMT MTLs DEL/RET MIN NUMBER OF TONS	22 5.8	MI				.8
87605	FUEL SURCHG-CMT & CMT ADDITIVES NUMBER OF TONS	22 5.8	MI				.9
452963	CMT, FracCem (TM) system	200	SK				.1

1.6 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	DH Density (ppg)	PS Pump Press (psi)	PS Pump Rate (bbl/min)	Pump Stg Tot (bbl)	Comment
Event	1	Arrive at Location from Service Center	Arrive at Location from Service Center	8/7/2014	08:55:00	USER					Arrived on location
Event	2	Assessment Of Location Safety Meeting	Assessment Of Location Safety Meeting	8/7/2014	09:00:00	USER					JSA and Hazard hunt with HES crew
Event	3	Rig-Up Equipment	Rig-Up Equipment	8/7/2014	09:05:00	USER					Rigged up HES equipment and lines
Event	4	Safety Meeting - Pre Job	Safety Meeting - Pre Job	8/7/2014	12:15:00	USER	8.27	18.00	0.00	19.5	JSA with HES and rig crew on job procedure
Event	5	Start Job	Start Job	8/7/2014	12:30:29	COM6	8.21	17.00	0.00	28.3	
Event	6	Test Lines	Test Lines	8/7/2014	12:32:18	COM6	8.25	3620.00	0.00	28.5	Test lines to 3000psi
Event	7	Pump Spacer 1	Pump Spacer 1	8/7/2014	12:34:33	COM6	8.36	26.00	0.00	0.0	Pump 5bbls of water for injection test
Event	8	Pump Lead Cement	Pump Lead Cement	8/7/2014	12:47:17	COM6	8.21	252.00	0.00	0.0	Pump 50bbls of 13.5ppg cement
Event	9	Pump Displacement	Pump Displacement	8/7/2014	13:25:20	COM6	13.59	2181.00	1.30	49.7	Pump 3bbls of water
Event	10	Shutdown	Shutdown	8/7/2014	13:29:42	COM6	-1.02	28.00	0.00	3.1	
Event	11	Pump Spacer 1	Pump Spacer 1	8/7/2014	14:54:15	COM6	8.26	23.00	0.00	0.0	Pump 5bbls of water for injection test
Event	12	Pump Lead Cement	Pump Lead Cement	8/7/2014	15:09:27	COM6	8.20	31.00	0.00	0.0	Pumped 52bbls of cement to get cement to surface
Event	13	Pump Displacement	Pump Displacement	8/7/2014	15:36:38	COM6	15.89	758.00	2.00	0.0	Pump 1.5bbls of water
Event	14	End Job	End Job	8/7/2014	15:48:35	COM6	8.41	-29.00	0.00	1.7	Thank you Markovich and crew

2.0 Attachments

2.1 Kammerzell 13-4.png

