

| | | |
|---|--|-----------------------------|
| Field Ticket Number: 0901521913 | Field Ticket Date: Monday, July 21, 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: Little Will 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/##: Workover Pete | |
| Ship To: LITTLE WILL #4,WELD, S25 T6N R65W, GREELEY, CO, 80631 | | |

| 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 | 80 1 | MI | | | | .32 |
| 1 | ZI-MILEAGE FROM NEAREST HES BASE,/UNIT Number of Units | 80 1 | MI | | | | .28 |
| 16091 | ZI - PUMPING CHARGE FEET/METERS (FT/M) DEPTH | 1 FT 630 | EA | | | | .00 |
| 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 |
| | SURCHARGES | | | | | | |
| 92 | PORTABLE RADIOS, ZI NUMBER OF JOBS | 3 1 | EA | | | | .60 |
| 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 | 80 1 | MI | | | | .60 |
| 86955 | ZI FUEL SURCHG-HEAVY TRKS >1 1/2 TON Number of Units | 80 1 | MI | | | | .80 |
| 87605 | FUEL SURCHG-CMT & CMT ADDITIVES NUMBER OF TONS | 40 18.8 | MI | | | | .14 |
| | CEMENTING MATERIALS | | | | | | |
| 452986 | CMT, HalCem (TM) system | 370 | SK | | | | .48 |
| 76400 | MILEAGE,CMT MTLs DEL/RET MIN NUMBER OF TONS | 40 17.4 | MI | | | | .54 |
| 3965 | HANDLE&DUMP SVC CHRg, CMT&ADDITIVES,ZI NUMBER OF EACH Unit of Measurement | 370 1 EA | CF | | | | .30 |
| 100008028 | CHEM. SUGAR,GRANULATED, 50LB BAG | 100 | LB | | | | .60 |
| 45 | SPEC EQUIP CHRg, NO PRICE ESTABLISHED ZI Spec Equip Charge is for red dye | 2 | EA | | | | .00 |
| 76400 | MILEAGE,CMT MTLs DEL/RET MIN NUMBER OF TONS | 40 1.4 | MI | | | | .84 |

1.2 Cementing Job Summary

| | | | | | | | | | | |
|---------------------------------------|------------|---------------------|----------|--------------------------------------|--------|---------------------------|--------------|--------------------|------------------|---------------------|
| Sold To #: 345242 | | Ship To #: 3556774 | | Quote #: | | Sales Order #: 0901521913 | | | | |
| Customer: NOBLE ENERGY INC E-BUSINESS | | | | Customer Rep: Pete | | | | | | |
| Well Name: Little Will | | Well #: 4 | | API/UWI #: | | | | | | |
| Field: | | City (SAP): GREELEY | | County/Parish: WELD | | State: COLORADO | | | | |
| Legal Description: | | | | | | | | | | |
| Contractor: | | | | Rig/Platform Name/Num: Workover Pete | | | | | | |
| Job BOM: 14099 | | | | | | | | | | |
| Well Type: GAS | | | | | | | | | | |
| Sales Person: HALAMERICA\HB47901 | | | | Srcv Supervisor: Devin Birchell | | | | | | |
| Job | | | | | | | | | | |
| Formation Name | | | | | | | | | | |
| Formation Depth (MD) | | Top | | Bottom | | | | | | |
| Form Type | | | | BHST | | | | | | |
| Job depth MD | | 630ft | | Job Depth TVD | | | | | | |
| Water Depth | | | | Wk Ht Above Floor | | | | | | |
| Perforation Depth (MD) | | | | To | | | | | | |
| Well Data | | | | | | | | | | |
| | New / Used | Size in | ID in | Weight lbm/ft | Thread | Grade | Top MD ft | Bottom MD ft | Top TVD ft | Bottom TVD ft |
| Casing | | 8.625 | 8.097 | 24 | | | 0 | 574 | | |
| Tubing | | 2.875 | 2.586 | | | | 0 | 630 | | |
| Casing | | 4.5 | 3.826 | 15.1 | | | 0 | 6600 | | |
| Tools and Accessories | | | | | | | | | | |
| Type | Size in | Qty | Make | Depth ft | | Type | Size in | Qty | Make | |
| Guide Shoe | 4.5 | 1 | | 6600 | | Top Plug | 4.5 | 1 | HES | |
| Float Shoe | 4.5 | 1 | | | | Bottom Plug | 4.5 | 1 | HES | |
| Float Collar | 4.5 | 1 | | | | SSR plug set | 4.5 | 1 | HES | |
| Insert Float | 4.5 | 1 | | | | Plug Container | 4.5 | 1 | HES | |
| | 4.5 | 1 | | | | Centralizers | 4.5 | 1 | HES | |
| Miscellaneous Materials | | | | | | | | | | |
| Gelling Agt | | Conc | | Surfactant | | Conc | | Acid Type | Qty | |
| Treatment Fld | | Conc | | | | Conc | | Sand Type | | |
| Fluid Data | | | | | | | | | | |
| Stage/Plug #: 1 | | | | | | | | | | |

| Fluid # | Stage Type | Fluid Name | Qty | Qty UoM | Mixing Density lbm/gal | Yield ft3/sack | Mix Fluid Gal | Rate bbl/min | Total Mix Fluid Gal |
|----------|-------------|--------------------|-----|---------|---------------------------|-------------------|------------------|-----------------|---------------------------|
| 1 | Lead Cement | HALCEM (TM) SYSTEM | 370 | sack | 15.8 | 1.15 | | 2 | 4.98 |
| 4.98 Gal | | | | | | | | | |
| | | | | | | | | | |
| | | Amount | ft | | | | | | |
| Comment | | | | | | | | | |

HALLIBURTON

NOBLE ENERGY INC E-BUSINESS
901521913
Case 1

1.7 Job Event Log

| Type | Seq. No. | Activity | Graph Label | Date | Time | Source | Truck 1 Pr (psi) | Truck 1 Dens (ppg) | Truck 1 Slry Rt (bbbl/min) | Comment |
|-------|----------|--|--|-----------|----------|--------|---------------------|--------------------------|----------------------------------|---|
| Event | 1 | Call Out | Call Out | 7/21/2014 | 05:30:21 | USER | | | | called cement crew for noble energy little will#4 recement |
| Event | 2 | Pre-Convoy Safety Meeting | Pre-Convoy Safety Meeting | 7/21/2014 | 10:20:12 | USER | | | | Discussed route weather following distance and other traffic |
| Event | 3 | Depart from Service Center or Other Site | Depart from Service Center or Other Site | 7/21/2014 | 10:30:24 | USER | | | | gate checked called journey and departed for location |
| Event | 4 | Arrive At Loc | Arrive At Loc | 7/21/2014 | 11:15:45 | USER | | | | ended journey talked with company rep on volumes rates depths and pressures |
| Event | 5 | Pre-Rig Up Safety Meeting | Pre-Rig Up Safety Meeting | 7/21/2014 | 11:20:12 | USER | | | | discussed spotting equipment pinch points hand placement team lifting |
| Event | 6 | Rig-Up Equipment | Rig-Up Equipment | 7/21/2014 | 11:25:45 | USER | | | | spot and rig up water and bulk hoses rig iron to floor |
| Event | 7 | Pre-Job Safety Meeting | Pre-Job Safety Meeting | 7/21/2014 | 12:19:34 | USER | 2.00 | 17.82 | 0.00 | discussed job procedures with rig and cement crews |
| Event | 8 | Rig-Up Completed | Rig-Up Completed | 7/21/2014 | 12:45:12 | USER | 2.00 | 17.80 | 0.00 | finished rigging up main line to valve on rig floor |
| Event | 9 | Prime Pumps | Prime Pumps | 7/21/2014 | 12:58:12 | USER | 0.00 | 17.79 | 0.00 | primed pump and lines for pressure test |
| Event | 10 | Test Lines | Test Lines | 7/21/2014 | 13:01:55 | COM1 | 2590.00 | 8.53 | 0.00 | test pump and lines to 2580 psi |
| Event | 11 | Pump Spacer 1 | Pump Spacer 1 | 7/21/2014 | 13:04:32 | COM1 | 7.00 | 8.50 | 0.00 | pump 5 bbls dyed spacer |
| Event | 12 | Pump Lead Cement | Pump Lead Cement | 7/21/2014 | 13:10:23 | COM1 | 148.00 | 8.57 | 1.00 | pump 69 bbls (370 sks) 15.8 ppg slurry |
| Event | 13 | Pump Displacement | Pump Displacement | 7/21/2014 | 13:49:40 | COM1 | 1026.00 | 15.97 | 2.00 | pump 1 bbls displacement to clear tubing |
| Event | 14 | Clean Lines | Clean Lines | 7/21/2014 | 13:58:18 | USER | 2.00 | 8.40 | 0.00 | cleaned pump and lines to haul off pit |

| | | | | | | | | | | |
|-------|----|--|--|-----------|----------|------|-------|-------|------|---|
| Event | 15 | End Job | End Job | 7/21/2014 | 14:00:12 | USER | -1.00 | 8.31 | 0.00 | |
| Event | 16 | Pre-Rig Down Safety Meeting | Pre-Rig Down Safety Meeting | 7/21/2014 | 14:10:10 | USER | -3.00 | -0.01 | 0.00 | discussed hand placement team lifting fatigue |
| Event | 17 | Rig-Down Equipment | Rig-Down Equipment | 7/21/2014 | 14:15:12 | USER | 6.00 | 8.38 | 0.90 | rig down bulk and water hoses and iron after wash up |
| Event | 18 | Rig-Down Completed | Rig-Down Completed | 7/21/2014 | 14:40:12 | USER | | | | walk around pump and bulk truck to ensure everything is properly put away |
| Event | 19 | Pre-Convoy Safety Meeting | Pre-Convoy Safety Meeting | 7/21/2014 | 14:45:21 | USER | | | | Discussed route weather following distance and other traffic |
| Event | 20 | Depart Location for Service Center or Other Site | Depart Location for Service Center or Other Site | 7/21/2014 | 14:50:12 | USER | | | | thank you for using halliburton energy services |

2.0 Custom Graphs

2.1 Custom Graph

