

ENCANA OIL & GAS (USA) INC. - EBUS
DO NOT MAIL-3601 N STAGECOACH RD
LONGMONT, Colorado

Sprague 4-8-9

122

Post Job Summary

Cement Surface Casing

Prepared for: Kevin Brakovec
Date Prepared: 7/11/2010
Version: 1

Service Supervisor: KELEHER, JASON

Submitted by: Mark Sauter

HALLIBURTON

The Road to Excellence Starts with Safety

| | | | | | | | |
|---|--------------------------|--------------------------------|---|--|-----------------------------|-------------------------------|---------------------------|
| Sold To #: 340078 | | Ship To #: 2793252 | | Quote #: | | Sales Order #: 7479578 | |
| Customer: ENCANA OIL & GAS (USA) INC. - EBUS | | | | Customer Rep: HOPE, CRAIG | | | |
| Well Name: Sprague | | | Well #: 4-8-9 | | | API/UWI #: | |
| Field: | | City (SAP): FORT LUPTON | | County/Parish: Weld | | State: Colorado | |
| Contractor: ? | | | Rig/Platform Name/Num: # 122 | | | | |
| Job Purpose: Cement Surface Casing | | | | | | | |
| Well Type: Development Well | | | | Job Type: Cement Surface Casing | | | |
| Sales Person: FLING, MATTHEW | | | Srv Supervisor: KELEHER, JASON | | | MBU ID Emp #: 437348 | |
| Job Personnel | | | | | | | |
| HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs |
| HALE, ROBERT E | | 470588 | KELEHER, JASON E | | 437348 | KELEHER, TRENA Lynn | |
| OZBUN, RYAN | | 475709 | VIGIL, DANIEL Paul | | 471469 | | |
| Equipment | | | | | | | |
| HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way |
| 10025030 | 12 mile | 10829456 | 12 mile | 11019275C | 12 mile | 11410470C | 12 mile |
| Job Hours | | | | | | | |
| Date | On Location Hours | Operating Hours | Date | On Location Hours | Operating Hours | Date | On Location Hours |
| | | | | | | | |
| TOTAL | | | <i>Total is the sum of each column separately</i> | | | | |
| Job | | | | Job Times | | | |
| Formation Name | | | | Date | | | |
| Formation Depth (MD) Top Bottom | | | | Time | | | |
| Form Type | | | | Time Zone | | | |
| BHST | | | | Called Out | | | |
| Job depth MD 820. m | | | | On Location | | | |
| Job Depth TVD 820. m | | | | Job Started | | | |
| Water Depth | | | | Job Completed | | | |
| Perforation Depth (MD) From To | | | | Job Departed Loc | | | |
| | | | | 03 - Jul - 2010 07:00 MST | | | |
| Well Data | | | | | | | |
| Description | New / Used | Max pressure MPa | Size mm | ID mm | Weight kg/m | Thread | Grade |
| Open Hole | | | | 12.25 | | | |
| Surface Casing | New | | 8.625 | 8.097 | 24. | 8 RD | J-55 |
| Tools and Accessories | | | | | | | |
| Type | Size | Qty | Make | Depth | Type | Size | Qty |
| Guide Shoe | | | | | Packer | | |
| Float Shoe | | | | | Bridge Plug | | |
| Float Collar | | | | | Retainer | | |
| Insert Float | | | | | | | |
| Stage Tool | | | | | | | |
| 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 kg/m3 | Yield m3/sk | Mix Fluid m3/tonne |
| | | | | | | | |

| Stage/Plug #: 1 | | | | | | | | | | |
|--|--------------------|-------------------------------|--------|-----------------------------------|----------------------|---------------------|--------------------|-------------|--------------------------|--|
| Fluid # | Stage Type | Fluid Name | Qty | Qty uom | Mixing Density kg/m3 | Yield m3/sk | Mix Fluid m3/tonne | Rate m3/min | Total Mix Fluid m3/tonne | |
| 1 | Water Spacer | | 20.00 | bbl | 8.33 | .0 | .0 | 5.0 | | |
| 2 | Lead Cement | SWIFTCEM (TM) SYSTEM (452990) | 280.0 | sacks | 14.2 | 1.51 | 7.53 | 5.0 | 7.53 | |
| 7.53 Gal | | FRESH WATER | | | | | | | | |
| 3 | Water Displacement | | 50.00 | bbl | 8.33 | .0 | .0 | 5.0 | | |
| Calculated Values | | Pressures | | Volumes | | | | | | |
| Displacement | | Shut In: Instant | | Lost Returns | | Cement Slurry | | Pad | | |
| Top Of Cement | | 5 Min | | Cement Returns | | Actual Displacement | | Treatment | | |
| Frac Gradient | | 15 Min | | Spacers | | Load and Breakdown | | Total Job | | |
| Rates | | | | | | | | | | |
| Circulating | | Mixing | | Displacement | | Avg. Job | | | | |
| Cement Left In Pipe | Amount | 34 ft | Reason | Shoe Joint | | | | | | |
| Frac Ring # 1 @ | ID | Frac ring # 2 @ | ID | Frac Ring # 3 @ | ID | Frac Ring # 4 @ | ID | | | |
| The Information Stated Herein Is Correct | | | | Customer Representative Signature | | | | | | |

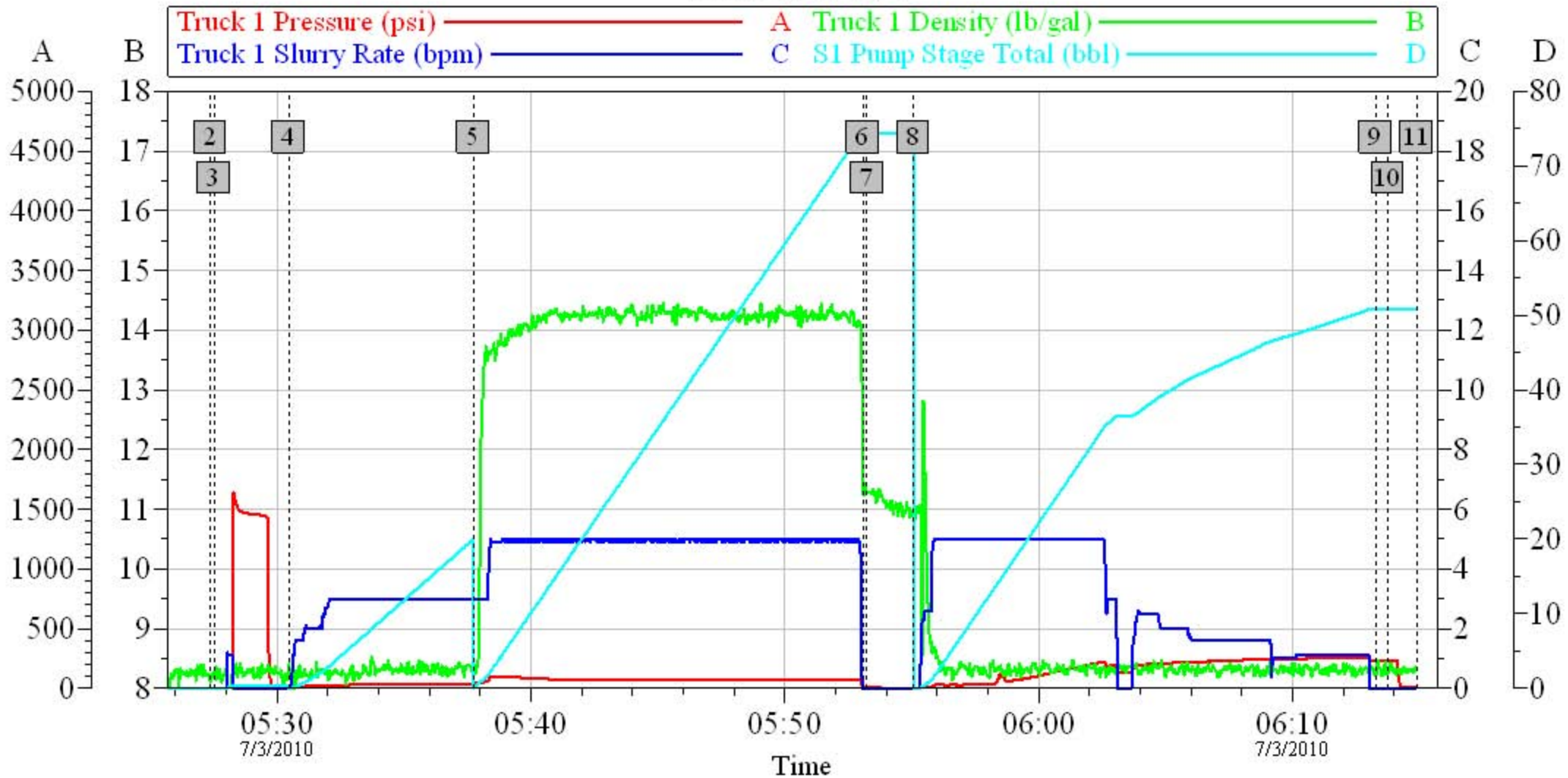
The Road to Excellence Starts with Safety

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| Field: | | City (SAP): FORT LUPTON | | County/Parish: Weld | | State: Colorado | |
| Legal Description: | | | | | | | |
| Lat: | | | | Long: | | | |
| Contractor: ? | | | Rig/Platform Name/Num: # 122 | | | | |
| Job Purpose: Cement Surface Casing | | | | | | Ticket Amount: | |
| Well Type: Development Well | | | Job Type: Cement Surface Casing | | | | |
| Sales Person: FLING, MATTHEW | | | Srvc Supervisor: KELEHER, JASON | | | MBU ID Emp #: 437348 | |

| Activity Description | Date/Time | Cht # | Rate m3/min | Volume m3 | | Pressure MPa | | Comments |
|--|------------------|-------|-------------|-----------|-------|--------------|--------|--|
| | | | | Stage | Total | Tubing | Casing | |
| Arrive at Location from Service Center | 07/03/2010 02:10 | | | | | | | |
| Assessment Of Location Safety Meeting | 07/03/2010 02:15 | | | | | | | |
| Test Lines | 07/03/2010 05:29 | | | | | | | PT 1500 PSI |
| Pump Spacer 1 | 07/03/2010 05:32 | | 0.48 | 3.18 | | | .3 | RIG WATER WITH RED DYE |
| Pump Cement | 07/03/2010 05:39 | | 0.79 | 11.93 | | | .6 | 280 SKS SWIFTCM MIXED AT 14.2 PPG WITH RIG WATER |
| Shutdown | 07/03/2010 05:54 | | | | | | | |
| Drop Plug | 07/03/2010 05:55 | | | | | | | |
| Pump Displacement | 07/03/2010 05:56 | | 0.64 | 7.95 | | | 1.9 | RIG WATER |
| Shut In Well | 07/03/2010 06:14 | | | | | | 1.7 | GOOD RETURNS THROUGHOUT JOB. AT 36 BBLS OF DISPLACEMENT AWAY CEMENT TO SURFACE |
| End Job | 07/03/2010 06:15 | | | | | | | |

ENCANA SURFACE

SPRAGUE 4-8-9



Global Event Log

| | | | | | |
|-----------------|----------|---------------------|----------|----------------|----------|
| 1 Starting Job | 04:53:12 | 2 Start Job | 05:27:22 | 3 Test Lines | 05:27:31 |
| 4 Pump Spacer 1 | 05:30:27 | 5 Pump Cement | 05:37:44 | 6 Shutdown | 05:53:05 |
| 7 Drop Plug | 05:53:14 | 8 Pump Displacement | 05:55:04 | 9 Shut In Well | 06:13:17 |
| 10 End Job | 06:13:45 | 11 Ending Job | 06:14:54 | | |

Customer: ENCANA
Well Description: SURFACE

Job Date: 03-Jul-2010
UWI: 05-123-30824-00

Sales Order #: 7479578

OptiCern v6.4.2
03-Jul-10 06:16