

---

**WILLIAMS PRODUCTION RMT INC EBUSINE**

---

**RWF 431-17  
PICEANCE  
Garfield County , Colorado**

**Cement Surface Casing**  
13-Jun-2009

**Post Job Report**

*The Road to Excellence Starts with Safety*

|  |  |                           |   |  |  |                               |  |
|--|--|---------------------------|---|--|--|-------------------------------|--|
| <b>Sold To #:</b> 300721                             |  | <b>Ship To #:</b> 2729267 |   | <b>Quote #:</b>                        |  | <b>Sales Order #:</b> 6725156 |  |
| <b>Customer:</b> WILLIAMS PRODUCTION RMT INC EBUSINE |  |                           |   | <b>Customer Rep:</b> TURNER, JOHN      |  |                               |  |
| <b>Well Name:</b> RWF                                |  |                           | <b>Well #:</b> 431-17                     |  |  | <b>API/UWI #:</b>             |  |
| <b>Field:</b> PICEANCE                               |  | <b>City (SAP):</b> RIFLE  |   | <b>County/Parish:</b> Garfield         |  | <b>State:</b> Colorado        |  |
| <b>Contractor:</b> CYCLONE 14                        |  |                           | <b>Rig/Platform Name/Num:</b> CYCLONE 14  |  |  |                               |  |
| <b>Job Purpose:</b> Cement Surface Casing            |  |                           |   |  |  |                               |  |
| <b>Well Type:</b> Development Well                   |  |                           |   | <b>Job Type:</b> Cement Surface Casing |  |                               |  |
| <b>Sales Person:</b> KOHL, KYLE                      |  |                           | <b>Srvc Supervisor:</b> CALDWELL, JEFFREY |  |  | <b>MBU ID Emp #:</b> 369111   |  |

**Job Personnel**

| HES Emp Name           | Exp Hrs | Emp #  | HES Emp Name           | Exp Hrs | Emp #  | HES Emp Name  | Exp Hrs | Emp #  |
|------------------------|---------|--------|------------------------|---------|--------|---------------|---------|--------|
| ARNOLD, EDWARD<br>John | 5.5     | 439784 | CALDWELL, JEFFREY<br>S | 5.5     | 369111 | DUBON, TODD N | 5.5     | 443351 |
| LANE, R Michael        | 5.5     | 445002 | SCOTT, DALLAS D        | 5.5     | 334750 |               |         |        |

**Equipment**

| HES Unit # | Distance-1 way |
|------------|----------------|------------|----------------|------------|----------------|------------|----------------|
| 10296152C  | 60 mile        | 10744549   | 60 mile        | 10804487   | 60 mile        | 10897797   | 60 mile        |
| 10951248   | 60 mile        |            |                |            |                |            |                |

**Job Hours**

| Date     | On Location Hours | Operating Hours | Date | On Location Hours | Operating Hours | Date | On Location Hours | Operating Hours |
|----------|-------------------|-----------------|------|-------------------|-----------------|------|-------------------|-----------------|
| 06/13/09 | 5.5               | 1               |      |                   |                 |      |                   |                 |

**TOTAL** *Total is the sum of each column separately*

**Job**

**Job Times**

| Formation Name                |                          |                      |          | Date                 | Time            | Time Zone |
|-------------------------------|--------------------------|----------------------|----------|----------------------|-----------------|-----------|
| <b>Formation Depth (MD)</b>   | <b>Top</b>               | <b>Bottom</b>        |          | <b>Called Out</b>    | 13 - Jun - 2009 | 12:00 MST |
| <b>Form Type</b>              | BHST                     |                      |          | <b>On Location</b>   | 13 - Jun - 2009 | 17:00 MST |
| <b>Job depth MD</b>           | 1155. ft                 | <b>Job Depth TVD</b> | 1155. ft | <b>Job Started</b>   | 13 - Jun - 2009 | 19:54 MST |
| <b>Water Depth</b>            | <b>Wk Ht Above Floor</b> |                      | 5. ft    | <b>Job Completed</b> | 13 - Jun - 2009 | 20:35 MST |
| <b>Perforation Depth (MD)</b> | <b>From</b>              | <b>To</b>            |          | <b>Departed Loc</b>  | 13 - Jun - 2009 | 22:30 MST |

**Well Data**

| Description | New / Used | Max pressure psig | Size in | ID in | Weight lbm/ft | Thread | Grade | Top MD ft | Bottom MD ft | Top TVD ft | Bottom TVD ft |
|-------------|------------|-------------------|---------|-------|---------------|--------|-------|-----------|--------------|------------|---------------|
|-------------|------------|-------------------|---------|-------|---------------|--------|-------|-----------|--------------|------------|---------------|

**Sales/Rental/3<sup>rd</sup> Party (HES)**

| Description                                  | Qty | Qty uom | Depth | Supplier |
|--|-----|---------|-------|----------|
| PLUG,CMTG, TOP, 9 5/8, HWE, 8.16 MIN/9.06 MA | 1   | EA      |       |          |
| PORT. DAS W/CEMWIN; ACQUIRE W/HES, ZI        | 1   | JOB     |       |          |
| ADC (AUTO DENSITY CTRL) SYS, /JOB, ZI        | 1   | JOB     |       |          |

**Tools and Accessories**

| Type         | Size | Qty | Make | Depth | Type        | Size | Qty | Make | Depth | Type           | Size  | Qty | Make |
|--------------|------|-----|------|-------|-------------|------|-----|------|-------|----------------|-------|-----|------|
| Guide Shoe   |      |     |      |       | Packer      |      |     |      |       | Top Plug       | 9.625 | 1   |      |
| Float Shoe   |      |     |      |       | Bridge Plug |      |     |      |       | Bottom Plug    |       |     |      |
| Float Collar |      |     |      |       | Retainer    |      |     |      |       | SSR plug set   |       |     |      |
| Insert Float |      |     |      |       |             |      |     |      |       | Plug Container | 9.625 | 1   |      |
| Stage Tool   |      |     |      |       |             |      |     |      |       | Centralizers   |       |     |      |

**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 <sup>3</sup> /sk | Mix Fluid Gal/sk | Rate bbl/min | Total Mix Fluid Gal/sk |  |
| 1   | Water Spacer       |                                      | 20        | bbl                               | 8.4                    | .0                        | .0               | 5.0          |                        |  |
| 2   | Lead Cement        | <b>VERSACEM (TM) SYSTEM (452010)</b> | 160       | sacks                             | 12.3                   | 2.38                      | 13.75            | 7.5          |                        |  |
|   |                    | CAL-SEAL 60, 50 LB BAG (101217146)   |           |                                   |                        |                           |                  |              |                        |  |
|   |                    | ECONOLITE (100001580)                |           |                                   |                        |                           |                  |              |                        |  |
|   |                    | VERSASET, 55 LB SK (101376573)       |           |                                   |                        |                           |                  |              |                        |  |
|   |                    | SALT, 100 LB BAG (100003652)         |           |                                   |                        |                           |                  |              |                        |  |
|   |                    | POLY-E-FLAKE (101216940)             |           |                                   |                        |                           |                  |              |                        |  |
|   |                    | D-AIR 3000 (101007446)               |           |                                   |                        |                           |                  |              |                        |  |
|   |                    | FRESH WATER                          |           |                                   |                        |                           |                  |              |                        |  |
| 3   | Tail Cement        | <b>VERSACEM (TM) SYSTEM (452010)</b> | 160       | sacks                             | 12.8                   | 2.11                      | 11.75            | 7.5          |                        |  |
|   |                    | CAL-SEAL 60, 50 LB BAG (101217146)   |           |                                   |                        |                           |                  |              |                        |  |
|   |                    | ECONOLITE (100001580)                |           |                                   |                        |                           |                  |              |                        |  |
|   |                    | VERSASET, 55 LB SK (101376573)       |           |                                   |                        |                           |                  |              |                        |  |
|   |                    | SALT, 100 LB BAG (100003652)         |           |                                   |                        |                           |                  |              |                        |  |
|   |                    | FRESH WATER                          |           |                                   |                        |                           |                  |              |                        |  |
| 4   | Displacement Fluid |                                      | 84        | bbl                               | 8.4                    | .0                        | .0               | 10.0         |                        |  |
| Calculated Values                               |                    |                                      | Pressures |                                   |                        | Volumes                   |                  |              |                        |  |
| Displacement                                    | 86.1               | Shut In: Instant                     |           | Lost Returns                      | 0                      | Cement Slurry             | 120              | Pad          |                        |  |
| Top Of Cement                                   | SURFACE            | 5 Min                                |           | Cement Returns                    | 20                     | Actual Displacement       | 84               | Treatment    |                        |  |
| Frac Gradient                                   |                    | 15 Min                               |           | Spacers                           | 20                     | Load and Breakdown        |                  | Total Job    | 224                    |  |
| Rates   |                    |                                      |           |                                   |                        |                           |                  |              |                        |  |
| Circulating                                     | RIG                | Mixing                               | 7.5       | Displacement                      | 10                     | Avg. Job                  | 8                |              |                        |  |
| Cement Left In Pipe                             | Amount             | 41..4 ft                             | Reason    | Shoe Joint                        |                        |                           |                  |              |                        |  |
| Frac Ring # 1 @                                 | ID                 | Frac ring # 2 @                      | ID        | Frac Ring # 3 @                   | ID                     | Frac Ring # 4 @           | ID               |              |                        |  |
| <b>The Information Stated Herein Is Correct</b> |                    |                                      |           | Customer Representative Signature |                        |                           |                  |              |                        |  |

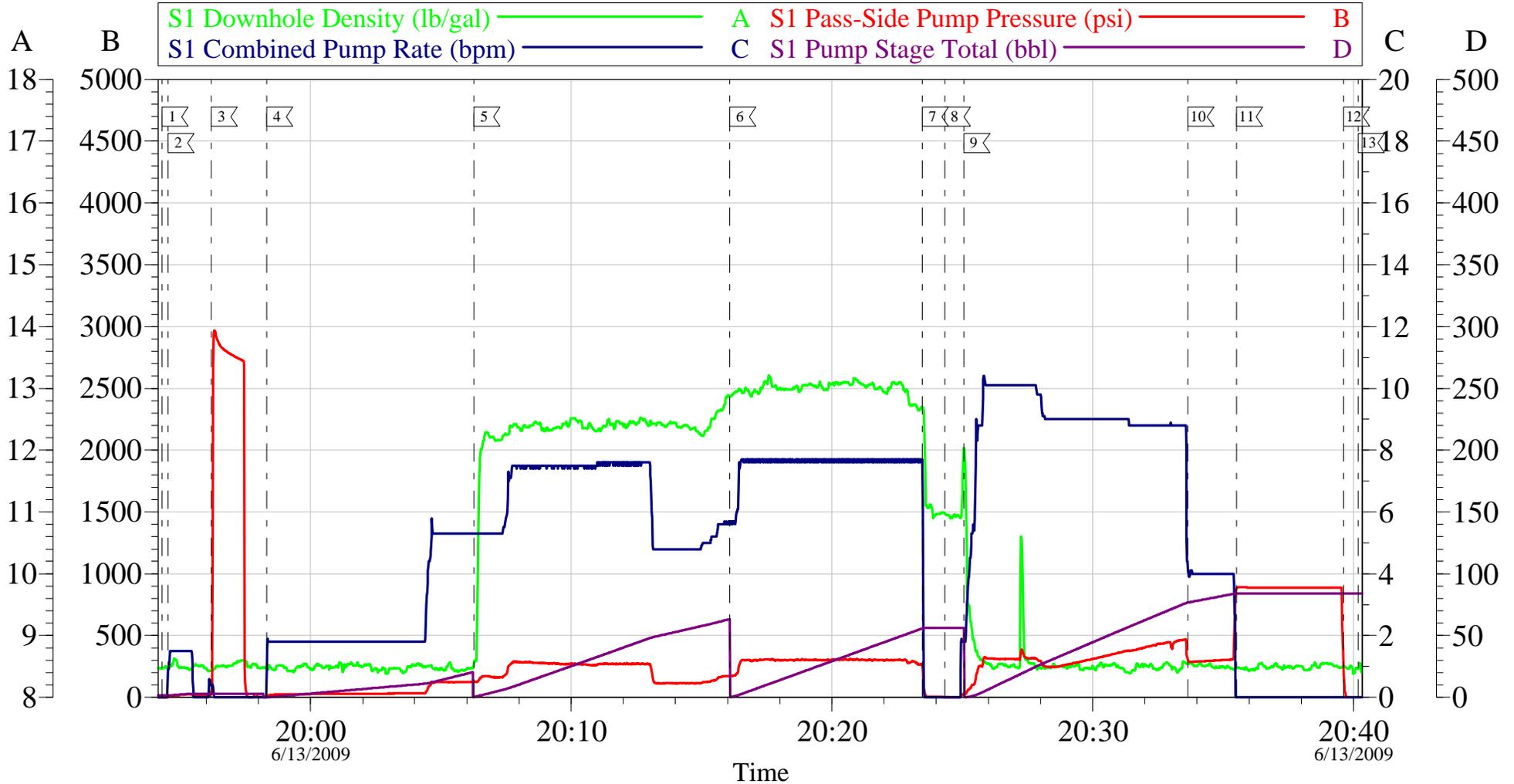
*The Road to Excellence Starts with Safety*

|  |                           |  |                               |
|--|---------------------------|--|-------------------------------|
| <b>Sold To #:</b> 300721                             | <b>Ship To #:</b> 2729267 | <b>Quote #:</b>                                  | <b>Sales Order #:</b> 6725156 |
| <b>Customer:</b> WILLIAMS PRODUCTION RMT INC EBUSINE |                           | <b>Customer Rep:</b> TURNER, JOHN                |                               |
| <b>Well Name:</b> RWF                                |                           | <b>Well #:</b> 431-17                            | <b>API/UWI #:</b>             |
| <b>Field:</b> PICEANCE                               | <b>City (SAP):</b> RIFLE  | <b>County/Parish:</b> Garfield                   | <b>State:</b> Colorado        |
| <b>Legal Description:</b>                            |                           |  |                               |
| <b>Lat:</b> N 0 deg. OR N 0 deg. 0 min. 0 secs.      |                           | <b>Long:</b> E 0 deg. OR E 0 deg. 0 min. 0 secs. |                               |
| <b>Contractor:</b> CYCLONE 14                        |                           | <b>Rig/Platform Name/Num:</b> CYCLONE 14         |                               |
| <b>Job Purpose:</b> Cement Surface Casing            |                           |  | <b>Ticket Amount:</b>         |
| <b>Well Type:</b> Development Well                   |                           | <b>Job Type:</b> Cement Surface Casing           |                               |
| <b>Sales Person:</b> KOHL, KYLE                      |                           | <b>Srvc Supervisor:</b> CALDWELL, JEFFREY        |                               |
| <b>MBU ID Emp #:</b> 369111                          |                           |  |                               |

| Activity Description      | Date/Time           | Cht # | Rate bbl/min | Volume bbl |       | Pressure psig |        | Comments  |
|---------------------------|---------------------|-------|--------------|------------|-------|---------------|--------|---|
|                           |                     |       |              | Stage      | Total | Tubing        | Casing |   |
| Call Out                  | 06/13/2009<br>12:00 |       |              |            |       |               |        | ELITE #9  |
| Pre-Convoy Safety Meeting | 06/13/2009<br>13:30 |       |              |            |       |               |        | PLUG CONTAINER #D0726                                     |
| Crew Leave Yard           | 06/13/2009<br>14:00 |       |              |            |       |               |        | DALLAS SCOTT IS SAFETY OBSERVER ON JOB.                   |
| Arrive At Loc             | 06/13/2009<br>17:00 |       |              |            |       |               |        | CASING WAS STILL BEING RUN.                               |
| Safety Meeting            | 06/13/2009<br>17:05 |       |              |            |       |               |        | ALL PERSONAL ASSOCIATED WITH JOB ATTENDED.                |
| Rig-Up Equipment          | 06/13/2009<br>17:10 |       |              |            |       |               |        |   |
| Pre-Job Safety Meeting    | 06/13/2009<br>19:30 |       |              |            |       |               |        | ALL PERSONAL ASSOCIATED WITH JOB ATTENDED.                |
| Start Job                 | 06/13/2009<br>19:54 |       | 1.5          | 1.5        | 1.5   |               | 23.0   | TD:1155' TP:1135' SJ:41.4' MUD:10 PPG 13.5" OPEN HOLE.    |
| Prime Pumps               | 06/13/2009<br>19:54 |       |              |            |       |               |        | H2O   |
| Test Lines                | 06/13/2009<br>19:56 |       |              |            |       | 2500.0        |        |   |
| Pump Spacer               | 06/13/2009<br>19:58 |       | 5            | 20         | 20    |               | 125.0  | H2O   |
| Pump Lead Cement          | 06/13/2009<br>20:06 |       | 7.5          | 67.8       | 64    |               | 270.0  | 160 SKS 12.3 PPG 2.38 CUFT/SAK 13.75 GAL/SAK.WP:130 BP:13 |
| Pump Tail Cement          | 06/13/2009<br>20:16 |       | 7.5          | 60.1       | 56    |               | 300.0  | 160 SKS 12.8 PPG 2.11 CUFT/SAK 11.75 GAL/SAK.WP:110 BP:11 |

| Activity Description                   | Date/Time           | Cht # | Rate bbl/min | Volume bbl |       | Pressure psig |        | Comments  |
|--|---------------------|-------|--------------|------------|-------|---------------|--------|---|
|  |                     |       |              | Stage      | Total | Tubing        | Casing |   |
| Shutdown                               | 06/13/2009<br>20:23 |       |              |            |       |               |        |   |
| Drop Top Plug                          | 06/13/2009<br>20:24 |       |              |            |       |               |        | PLUG AWAY   |
| Pump Displacement                      | 06/13/2009<br>20:25 |       | 10           | 86.1       | 84    |               | 440.0  | H2O   |
| Slow Rate                              | 06/13/2009<br>20:33 |       | 4            | 76         | 76    |               | 250.0  |   |
| Bump Plug                              | 06/13/2009<br>20:35 |       | 4            | 86.1       | 84    |               | 890.0  | PLUG BUMPED.  |
| Check Floats                           | 06/13/2009<br>20:39 |       |              |            |       |               |        | FLOATS HELD 3/4 BBL BACK. GOOD CIRCULATION THROUGH OUT JOB. |
| End Job                                | 06/13/2009<br>20:40 |       |              |            |       |               |        | 20 BBLS OF CEMENT BACK TO PIT.                              |
| Post-Job Safety Meeting (Pre Rig-Down) | 06/13/2009<br>20:45 |       |              |            |       |               |        | ALL PERSONAL ASSOCIATED WITH JOB ATTENDED.                  |
| Rig-Down Equipment                     | 06/13/2009<br>20:50 |       |              |            |       |               |        |   |
| Crew Leave Location                    | 06/13/2009<br>22:30 |       |              |            |       |               |        | THANK YOU FOR CHOOSING HALLIBURTON JEFF CALDWELL AND CREW.  |

# WILLIAMS 9 5/8" SURFACE



| Local Event Log     |          |                             |          |
|---------------------|----------|-----------------------------|----------|
| 1 Start Job         | 19:54:18 | 2 Prime Lines               | 19:54:32 |
| 3 Test Lines        | 19:56:12 | 4 Pump Spacer               | 19:58:19 |
| 5 Pump Lead Cement  | 20:06:16 | 6 Pump Tail Cement          | 20:16:05 |
| 7 Shut Down         | 20:23:28 | 8 Drop Top Plug             | 20:24:19 |
| 9 Pump Displacement | 20:25:04 | 10 Slow Rate                | 20:33:39 |
| 11 Bump Plug        | 20:35:31 | 12 Check Floats/Floats Held | 20:39:38 |
| 13 End Job          | 20:40:11 |                             |          |

|                              |                                  |                             |
|------------------------------|----------------------------------|-----------------------------|
| Customer: Williams           | Job Date: 13-Jun-2009            | Sales Order #: 6725156      |
| Well Description: RWF 431-17 | Job Type: Surface                | ADC Used: Yes               |
| Company Rep: John Turner     | Cement Supervisor: Jeff Caldwell | Elite #: Elite 9/Todd Dubon |