
WILLIAMS PRODUCTION RMT INC - EBUS

**GM 23-27
GRAND VALLEY
Garfield County , Colorado**

Cement Surface Casing
23-Apr-2011

Post Job Report

The Road to Excellence Starts with Safety

| | | | |
|---|------------------------------|---|--------------------------------|
| Sold To #: 300721 | Ship To #: 2850110 | Quote #: | Sales Order #: 8123429 |
| Customer: WILLIAMS PRODUCTION RMT INC - EBUS | | Customer Rep: Oaks, Rick | |
| Well Name: GM | | Well #: 23-27 | API/UWI #: 05-045-19730 |
| Field: GRAND VALLEY | City (SAP): PARACHUTE | County/Parish: Garfield | State: Colorado |
| Lat: N 39.491 deg. OR N 39 deg. 29 min. 27.816 secs. | | Long: W 108.095 deg. OR W -109 deg. 54 min. 17.298 secs. | |
| Contractor: H&P 278 | | Rig/Platform Name/Num: H&P 278 | |
| Job Purpose: Cement Surface Casing | | | |
| Well Type: Development Well | | Job Type: Cement Surface Casing | |
| Sales Person: KOHL, KYLE | | Srvc Supervisor: TRIPLETT, MICHEAL | MBU ID Emp #: 447908 |

Job Personnel

| HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # |
|----------------------------|---------|--------|------------------|---------|--------|------------------------------|---------|--------|
| DEUSSEN, EDWARD Eric | 8 | 485182 | STILLSON, ERIC W | 8 | 393789 | TRIPLETT, MICHEAL Anthony | 8 | 447908 |
| WEAVER, CARLTON Russell | 8 | 457698 | | | | | | |

Equipment

| HES Unit # | Distance-1 way |
|------------|----------------|------------|----------------|------------|----------------|------------|----------------|
| 10248065 | 60 mile | 10567589C | 60 mile | 10867423 | 60 mile | 10897887 | 60 mile |
| 10951246 | 60 mile | 10995027 | 60 mile | | | | |

Job Hours

| Date | On Location Hours | Operating Hours | Date | On Location Hours | Operating Hours | Date | On Location Hours | Operating Hours |
|------------|-------------------|-----------------|------------|-------------------|-----------------|------|-------------------|-----------------|
| 04/22/2011 | 3 | 0 | 04/23/2011 | 5 | 1 | | | |

TOTAL Total is the sum of each column separately

Job

Job Times

| Formation Name | Date | Time | Time Zone | |
|------------------------------------|----------------------|-----------------|-----------|-----|
| Formation Depth (MD) Top | Called Out | 22 - Apr - 2011 | 18:00 | MST |
| Bottom | On Location | 22 - Apr - 2011 | 21:00 | MST |
| Form Type | Job Started | 23 - Apr - 2011 | 03:10 | MST |
| Job depth MD | Job Completed | 23 - Apr - 2011 | 04:10 | MST |
| Water Depth | Departed Loc | 23 - Apr - 2011 | 05:00 | MST |
| Perforation Depth (MD) From | | | | |
| To | | | | |

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/3rd Party (HES) | | | | | | | | | | | |

| Description | Qty | Qty uom | Depth | Supplier |
|--|-----|---------|-------|----------|
| PLUG,CMTG, TOP, 9 5/8, HWE, 8.16 MIN/9.06 MA | 1 | EA | | |

Tools and Accessories

| Type | Size | Qty | Make | Depth | Type | Size | Qty | Make | Depth | Type | Size | Qty | Make |
|--------------|------|-----|------|-------|-------------|------|-----|------|-------|----------------|------|-----|------|
| Guide Shoe | | | | | Packer | | | | | Top Plug | | | |
| Float Shoe | | | | | Bridge Plug | | | | | Bottom Plug | | | |
| Float Collar | | | | | Retainer | | | | | SSR plug set | | | |
| Insert Float | | | | | | | | | | Plug Container | | | |
| 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 ³ /sk | Mix Fluid Gal/sk | Rate bbl/min | Total Mix Fluid Gal/sk |
| | | | | | | | | | |

| Stage/Plug #: 1 | | | | | | | | | |
|--|----------------------|-------------------------------|--------|-----------------------------------|------------------------|---------------------------|------------------|--------------|------------------------|
| Fluid # | Stage Type | Fluid Name | Qty | Qty uom | Mixing Density lbm/gal | Yield ft ³ /sk | Mix Fluid Gal/sk | Rate bbl/min | Total Mix Fluid Gal/sk |
| 1 | Water Spacer | | 20.00 | bbl | 8.4 | .0 | .0 | .0 | |
| 2 | VersaCem Lead Cement | VERSACEM (TM) SYSTEM (452010) | 195.0 | sacks | 12.3 | 2.38 | 13.75 | | 13.75 |
| | 13.75 Gal | FRESH WATER | | | | | | | |
| 3 | VersaCem Tail Cement | VERSACEM (TM) SYSTEM (452010) | 160.0 | sacks | 12.8 | 2.11 | 11.75 | | 11.75 |
| | 11.75 Gal | FRESH WATER | | | | | | | |
| 4 | Displacement Fluid | | 110.00 | bbl | 8.4 | .0 | .0 | .0 | |
| Calculated Values | | Pressures | | Volumes | | | | | |
| Displacement | 110.7 | Shut In: Instant | | Lost Returns | 0 | Cement Slurry | 143 | Pad | |
| Top Of Cement | SURFACE | 5 Min | | Cement Returns | 30 | Actual Displacement | 110.7 | Treatment | |
| Frac Gradient | | 15 Min | | Spacers | 20 | Load and Breakdown | | Total Job | 274 |
| Rates | | | | | | | | | |
| Circulating | 10 | Mixing | 8 | Displacement | 10 | Avg. Job | 9 | | |
| Cement Left In Pipe | Amount | 44.97 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 | | | | | |

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|---|------------------------------|---|--------------------------------|
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| Well Name: GM | | Well #: 23-27 | API/UWI #: 05-045-19730 |
| Field: GRAND VALLEY | City (SAP): PARACHUTE | County/Parish: Garfield | State: Colorado |
| Legal Description: | | | |
| Lat: N 39.491 deg. OR N 39 deg. 29 min. 27.816 secs. | | Long: W 108.095 deg. OR W -109 deg. 54 min. 17.298 secs. | |
| Contractor: H&P 278 | | Rig/Platform Name/Num: H&P 278 | |
| Job Purpose: Cement Surface Casing | | | Ticket Amount: |
| Well Type: Development Well | | Job Type: Cement Surface Casing | |
| Sales Person: KOHL, KYLE | | Srvc Supervisor: TRIPLETT, MICHEAL | MBU ID Emp #: 447908 |

| Activity Description | Date/Time | Cht # | Rate bbl/min | Volume bbl | | Pressure psig | | Comments |
|---------------------------------------|---------------------|-------|--------------|------------|-------|---------------|--------|---|
| | | | | Stage | Total | Tubing | Casing | |
| Call Out | 04/22/2011 18:00 | | | | | | | |
| Pre-Convoy Safety Meeting | 04/22/2011 19:30 | | | | | | | |
| Crew Leave Yard | 04/22/2011 19:40 | | | | | | | |
| Arrive At Loc | 04/22/2011 21:00 | | | | | | | GET NUMBERS AND VERIFY CEMENT WITH COMPANY MAN |
| Assessment Of Location Safety Meeting | 04/22/2011 21:10 | | | | | | | |
| Other | 04/22/2011 21:15 | | | | | | | SPOT EQUIPMENT, 1 RCM PUMP TRUCK, 1 660, 1 BODY LOAD |
| Pre-Rig Up Safety Meeting | 04/22/2011 21:25 | | | | | | | GO OVER JSA WITH CREW AND HAVE SIGN |
| Rig-Up Equipment | 04/22/2011 21:30 | | | | | | | |
| Pre-Job Safety Meeting | 04/23/2011 03:00 | | | | | | | |
| Start Job | 04/23/2011 03:09 | | | | | | | TD:1495, TP:1476.40, SJ:44.97, MW:10.1, CASING: 9.625 36#, OH:13.5" |
| Test Lines | 04/23/2011 03:11 | | | | | | 3000.0 | PRESSURE TEST PUMPS AND LINES, HOLD FOR TWO MINUTES NO LEAKS |
| Pump Spacer 1 | 04/23/2011 03:15 | | | 20 | | | 400.0 | FRESH WATER |
| Pump Lead Cement | 04/23/2011 03:24 | | 8 | 82.7 | | | 425.0 | 195 SACKS MIXED @ 12.3PPG, 2.38 YIELD, 13.75GAL/SACK |
| Activity Description | Date/Time | Cht | Rate bbl/min | Volume bbl | | Pressure psig | | Comments |

Sold To # : 300721

Ship To # : 2850110

Quote # :

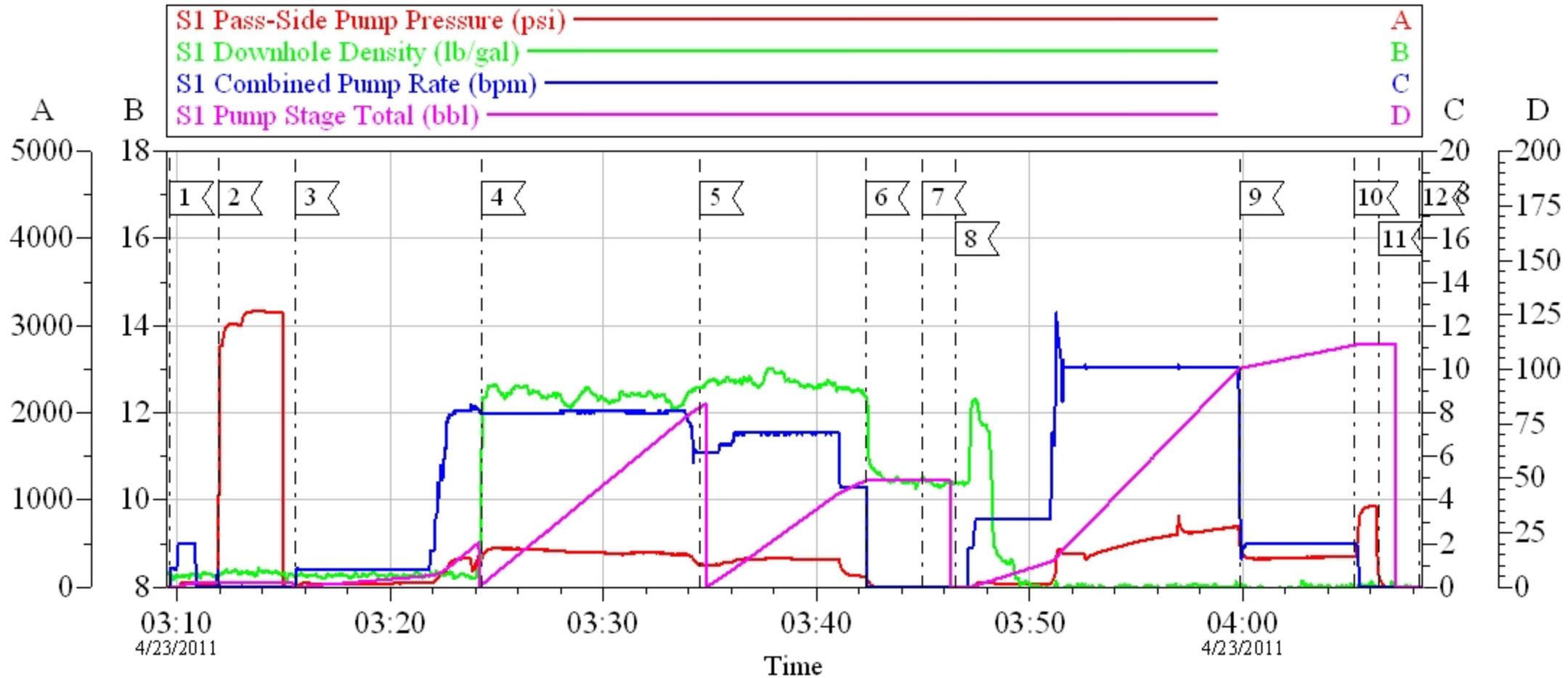
Sales Order # : 8123429

SUMMIT Version: 7.20.130

Saturday, April 23, 2011 04:31:00

| | | # | | Stage | Total | Tubing | Casing | |
|--|---------------------|---|----|-------|-------|--------|--------|---|
| Pump Tail Cement | 04/23/2011 03:34 | | 8 | 60.1 | | | 380.0 | 160 SACKS MIXED @ 12.8PPG, 2.11 YIELD, 11.75GAL/SACK, HAD TO SLOW RATE DUE TO NOT GETTING GOOD CEMENT FLOW TO TRUCK |
| Shutdown | 04/23/2011 03:42 | | | | | | | |
| Drop Top Plug | 04/23/2011 03:44 | | | | | | | VERIFY PLUG LEFT, COMPANY REP VERIFIED AS WELL, WASHED UP ON TOP OF PLUG |
| Pump Displacement | 04/23/2011 03:45 | | 10 | 110.7 | | | 685.0 | FRESHWATER |
| Slow Rate | 04/23/2011 03:59 | | 2 | 100.7 | | | 400.0 | SLOW LAST TEN BBLS PRIOR TO BUMPONG PLUG |
| Bump Plug | 04/23/2011 04:05 | | | | | | 385.0 | BUMP PLUG AND WENT 500PSI OVER TO 885 PSI |
| Check Floats | 04/23/2011 04:06 | | | | | | | FLOATS HELD |
| End Job | 04/23/2011 04:08 | | | | | | | GOOD CIRCULATION THROUGHOUT JOB, GOT 30BBLS OF CEMENT BACK TO SURFACE, USED 100#'S OF SUGAR. |
| Post-Job Safety Meeting (Pre Rig-Down) | 04/23/2011 04:10 | | | | | | | |
| Rig-Down Equipment | 04/23/2011 04:15 | | | | | | | |
| Pre-Convoy Safety Meeting | 04/23/2011 04:55 | | | | | | | |
| Crew Leave Location | 04/23/2011 05:00 | | | | | | | THANKS FOR USING HALLIBURTON MIKE TRIPLETT AND CREW |

WILLIAMS SURFACE GM 27-23



| Local Event Log | | | |
|-----------------|-------------------------|----------|-------------------------------|
| 1 | START JOB | 03:09:40 | 2 PRESSURE TEST 03:11:56 |
| 3 | START FRESHWATER SPACER | 03:15:33 | 4 START LEAD CEMENT 03:24:18 |
| 5 | START TAIL CEMENT | 03:34:31 | 6 SHUTDOWN 03:42:18 |
| 7 | DROP PLUG | 03:44:58 | 8 START DISPLACEMENT 03:46:31 |
| 9 | SLOWRATE | 03:59:53 | 10 BUMP PLUG 04:05:15 |
| 11 | CHECK FLOATS | 04:06:23 | 12 END JOB 04:08:18 |

| | | |
|----------------------------|-----------------------------------|-----------------------------|
| Customer: WILLIAMS | Job Date: 23-Apr-2011 | Sales Order #: 8123429 |
| Well Description: GM 27-23 | JOB TYPE: SURFACE | COMPANY REP: RICK OAKS |
| ADC USED: YES | SERVICE SUPERVISOR: MIKE TRIPLETT | ELITE/OPERATER 3/ED DEUSSEN |