
OXY GRAND JUNCTION EBUSINESS

**CC 697-05-69
CASCADE CREEK
Garfield County , Colorado**

Cement Surface Casing
30-May-2011

Post Job Report

The Road to Excellence Starts with Safety

| | | | |
|---|------------------------------|--|--------------------------------|
| Sold To #: 344034 | Ship To #: 2856857 | Quote #: | Sales Order #: 8207338 |
| Customer: OXY GRAND JUNCTION EBUSINESS | | Customer Rep: Adams, Derick | |
| Well Name: CC | | Well #: 697-05-69 | API/UWI #: 05-045-20012 |
| Field: CASCADE CREEK | City (SAP): PARACHUTE | County/Parish: Garfield | State: Colorado |
| Lat: N 39.542 deg. OR N 39 deg. 32 min. 31.416 secs. | | Long: W 108.238 deg. OR W -109 deg. 45 min. 42.84 secs. | |
| Contractor: H&P Drilling | | Rig/Platform Name/Num: H&P 353 | |
| Job Purpose: Cement Surface Casing | | | |
| Well Type: Development Well | | Job Type: Cement Surface Casing | |
| Sales Person: ROYSTER, JACOB | | Srvc Supervisor: DANIEL, EVERETT | MBU ID Emp #: 337325 |

Job Personnel

| HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # |
|-------------------------|---------|--------|-------------------------|---------|--------|------------------|---------|--------|
| DANIEL, EVERETT Dean | 12 | 337325 | ROSE, BENJAMIN Keith | 12 | 487022 | SIMINEO, JEROD M | 12 | 479954 |
| STILLSON, ERIC W | 12 | 393789 | | | | | | |

Equipment

| HES Unit # | Distance-1 way |
|------------|----------------|------------|----------------|------------|----------------|------------|----------------|
| 10053558 | 120 mile | 10296152C | 120 mile | 10783493 | 120 mile | 10822007 | 120 mile |
| 10897797 | 120 mile | 10951244 | 120 mile | 6543 | 120 mile | | |

Job Hours

| Date | On Location Hours | Operating Hours | Date | On Location Hours | Operating Hours | Date | On Location Hours | Operating Hours |
|--------------|-------------------|-----------------|---|-------------------|-----------------|------|-------------------|-----------------|
| 5/30/11 | 12 | 6 | | | | | | |
| TOTAL | 12 | 6 | <i>Total is the sum of each column separately</i> | | | | | |

Job

Job Times

| Formation Name | Top | Bottom | Called Out | Date | Time | Time Zone |
|-------------------------------|-------------|--------------------------|----------------------|-----------------|-------|-----------|
| Formation Depth (MD) | | | On Location | 30 - May - 2011 | 04:00 | MST |
| Form Type | | BHST | On Location | 30 - May - 2011 | 09:00 | MST |
| Job depth MD | 2720. m | Job Depth TVD | Job Started | 30 - May - 2011 | 16:27 | MST |
| Water Depth | | Wk Ht Above Floor | Job Completed | 30 - May - 2011 | 19:36 | MST |
| Perforation Depth (MD) | From | To | Departed Loc | 30 - May - 2011 | 21:00 | MST |

Well Data

| Description | New / Used | Max pressure MPa | Size mm | ID mm | Weight kg/m | Thread | Grade | Top MD m | Bottom MD m | Top TVD m | Bottom TVD m |
|--|------------|------------------|---------|-------|-------------|--------|-------|----------|-------------|-----------|--------------|
| 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 | 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 | | 13 | |

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 | Rate m3/min | Total Mix Fluid m3/tonne |
| 1 | Water Spacer | | 20 | bbl | 8.33 | .0 | .0 | .0 | |
| 2 | Gel Spacer | | 20 | bbl | . | .0 | .0 | .0 | |
| 3 | Water Spacer | | 20 | bbl | . | .0 | .0 | .0 | |
| 4 | Lead Cement | VERSACEM (TM) SYSTEM (452010) | 1050 | sacks | 12.3 | 2.33 | 12.62 | | 12.62 |
| | 12.62 Gal | FRESH WATER | | | | | | | |
| 5 | Tail Cement | VERSACEM (TM) SYSTEM (452010) | 150 | sacks | 12.8 | 2.07 | 10.67 | | 10.67 |
| | 10.67 Gal | FRESH WATER | | | | | | | |
| 6 | Displacement | | 204.4 | bbl | . | .0 | .0 | .0 | |
| 7 | Topout Cement | HALCEM (TM) SYSTEM (452986) | 0 | sacks | 12.5 | 1.97 | 10.96 | | 10.96 |
| | 10.96 Gal | FRESH WATER | | | | | | | |
| Calculated Values | | Pressures | | | Volumes | | | | |
| Displacement | 204.4 | Shut In: Instant | | Lost Returns | | Cement Slurry | 386.8 | Pad | |
| Top Of Cement | Surface | 5 Min | | Cement Returns | 84 | Actual Displacement | 204.4 | Treatment | |
| Frac Gradient | | 15 Min | | Spacers | 60 | Load and Breakdown | | Total Job | |
| Rates | | | | | | | | | |
| Circulating | 6 | Mixing | 6 | Displacement | 6 | Avg. Job | 6 | | |
| Cement Left In Pipe | Amount | 48.97 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 | | | | | |

The Road to Excellence Starts with Safety

| | | | |
|---|------------------------------|--|-------------------------------|
| Sold To #: 344034 | Ship To #: 2856857 | Quote #: | Sales Order #: 8207338 |
| Customer: OXY GRAND JUNCTION EBUSINESS | | Customer Rep: Adams, Derick | |
| Well Name: CC | Well #: 697-05-69 | API/UWI #: 05-045-20012 | |
| Field: CASCADE CREEK | City (SAP): PARACHUTE | County/Parish: Garfield | State: Colorado |
| Legal Description: | | | |
| Lat: N 39.542 deg. OR N 39 deg. 32 min. 31.416 secs. | | Long: W 108.238 deg. OR W -109 deg. 45 min. 42.84 secs. | |
| Contractor: H&P Drilling | | Rig/Platform Name/Num: H&P 353 | |
| Job Purpose: Cement Surface Casing | | | Ticket Amount: |
| Well Type: Development Well | | Job Type: Cement Surface Casing | |
| Sales Person: ROYSTER, JACOB | | Srvc Supervisor: DANIEL, EVERETT | MBU ID Emp #: 337325 |

| Activity Description | Date/Time | Cht # | Rate m3/min | Volume m3 | | Pressure MPa | | Comments |
|--|---------------------|-------|-------------|-----------|-------|--------------|--------|---|
| | | | | Stage | Total | Tubing | Casing | |
| Call Out | 05/30/2011 04:00 | | | | | | | |
| Depart Yard Safety Meeting | 05/30/2011 05:45 | | | | | | | |
| Depart from Service Center or Other Site | 05/30/2011 06:00 | | | | | | | Checked out HES pump (Elite 9), Body load, Compressor Trailer |
| Arrive at Location from Service Center | 05/30/2011 09:00 | | | | | | | Arrived 3 hr. early. Did not start charging time until 1200 |
| Assessment Of Location Safety Meeting | 05/30/2011 09:05 | | | | | | | |
| Consult with Co. Rep. | 05/30/2011 09:10 | | | | | | | Verified calculations and materials on location including H2O and Cement totals |
| Safety Meeting - Pre Rig-Up | 05/30/2011 09:15 | | | | | | | Discussed job procedures and safety issues |
| Rig-Up Equipment | 05/30/2011 09:30 | | | | | | | |
| Rig-Up Completed | 05/30/2011 10:30 | | | | | | | |
| Safety Meeting - Pre Job | 05/30/2011 16:15 | | | | | | | Discussed job procedures and safety issues |
| Start Job | 05/30/2011 16:27 | | | | | | | |
| Prime Pumps | 05/30/2011 16:27 | | 2 | 2 | | | 69.0 | Fresh Water |
| Test Lines | 05/30/2011 16:31 | | 0.5 | 0.1 | | | 2300.0 | Fresh Water |
| Pump Spacer 1 | 05/30/2011 16:35 | | 4 | 20 | | | 149.0 | Fresh Water |
| Pump Spacer 2 | 05/30/2011 16:39 | | 6 | 20 | | | 190.0 | LGC Gel Spacer |

| Activity Description | Date/Time | Cht # | Rate m3/min | Volume m3 | | Pressure MPa | | Comments |
|--|---------------------|-------|-------------|-----------|-------|--------------|--------|--|
| | | | | Stage | Total | Tubing | Casing | |
| Pump Spacer 1 | 05/30/2011 16:45 | | 6 | 20 | | | 285.0 | Fresh Water |
| Pump Lead Cement | 05/30/2011 16:51 | | 6 | 331 | | | 351.0 | 1050 sks of VersaCem @ 12.3# - 2.33 yield - 12.62 H2O requirement |
| Pump Tail Cement | 05/30/2011 17:46 | | 6 | 55.3 | | | 325.0 | 150 sks of VersaCem @ 12.8# - 2.07 yield - 10.67 H2O requirement |
| Shutdown | 05/30/2011 17:56 | | | | | | | Cut lead cement short by appx. 100 bbls as per Co. Rep. |
| Drop Top Plug | 05/30/2011 17:56 | | | | | | | |
| Pump Displacement | 05/30/2011 17:57 | | 6 | 204.4 | | | 851.0 | KCL Displacement |
| Slow Rate | 05/30/2011 18:29 | | 2 | 194 | | | 638.0 | Slowed to 4 bpm |
| Bump Plug | 05/30/2011 18:33 | | 2 | 204.4 | | | 1300.0 | Bumped Plug @ calculated displacement and 500 psi over |
| Check Floats | 05/30/2011 18:36 | | | | | | | Floats Held |
| Pressure Test | 05/30/2011 18:39 | | | | | | 1589.0 | Casing Pressure Test |
| Release Casing Pressure | 05/30/2011 19:09 | | | | | | | Discussed job procedures and safety issues |
| Pump Down Parasite String | 05/30/2011 19:26 | | 1 | 10 | | | 133.0 | Pump 10 bbls sugar water down parasite, 4.2 bbls returned to surface |
| End Job | 05/30/2011 19:36 | | | | | | | |
| Safety Meeting - Pre Rig-Down | 05/30/2011 19:40 | | | | | | | |
| Rig-Down Equipment | 05/30/2011 19:45 | | | | | | | |
| Rig-Down Completed | 05/30/2011 20:45 | | | | | | | |
| Safety Meeting - Departing Location | 05/30/2011 20:50 | | | | | | | |
| Depart Location for Service Center or Other Site | 05/30/2011 21:00 | | | | | | | |

Total Depth = 2710, Total Casing = 2693, Shoe Joint = 48.97, Mud Weight = 9.9# . Casing remained stationary throughout job and was chained down. 84 bbls of cement returned to surface. 522 bbls of H2O were used for the job and 30 bbls were used for clean up (after the job) The plug landed at calculated displacement and the floats held. Appx. 250 sks lead left in bin.

Thank you for using Grand Junction Halliburton Dean Daniel & Crew

Sold To # : 344034

Ship To # : 2856857

Quote # :

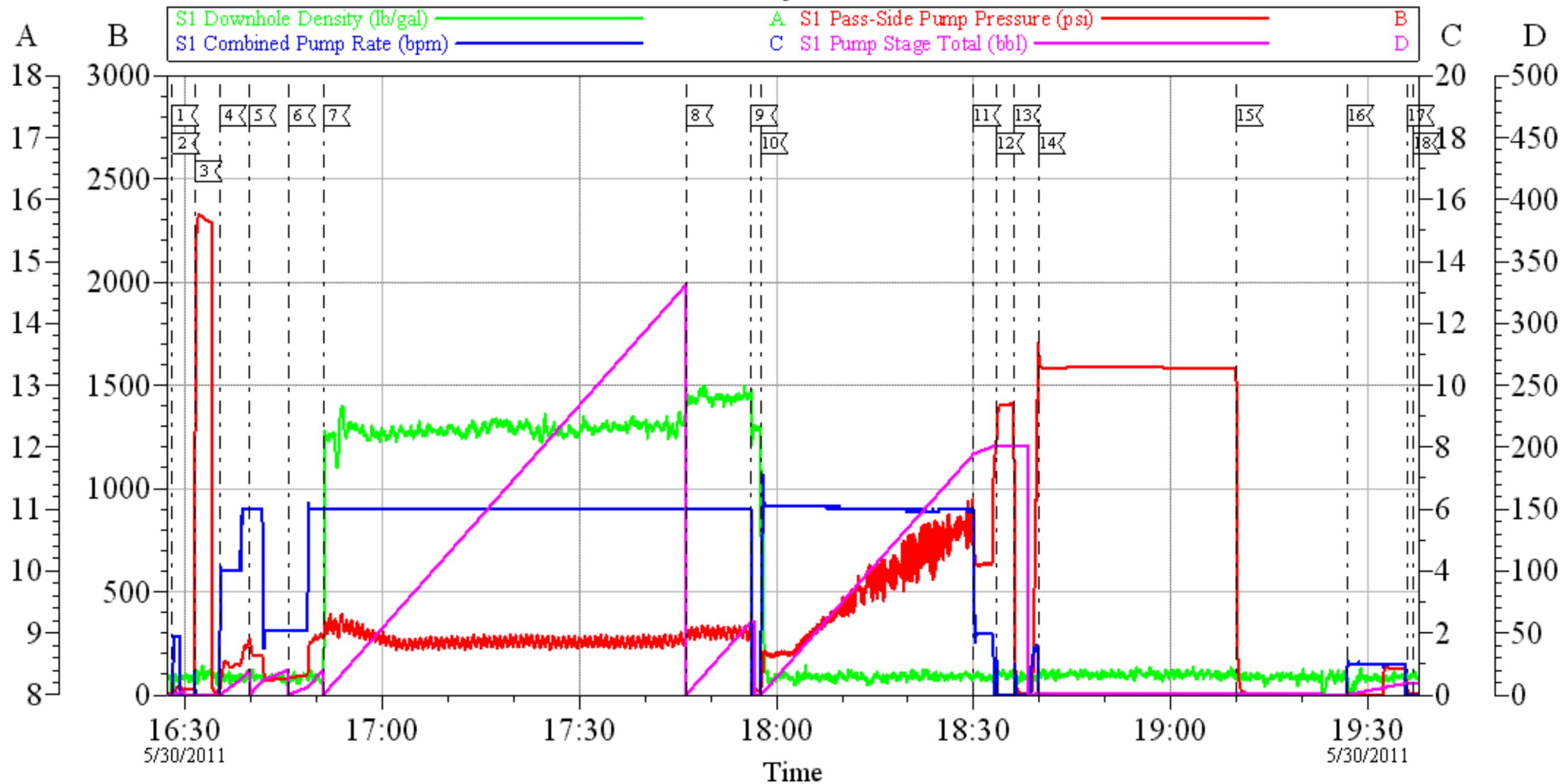
Sales Order # :

8207338

SUMMIT Version: 7.20.130

Thursday, June 02, 2011 10:20:00

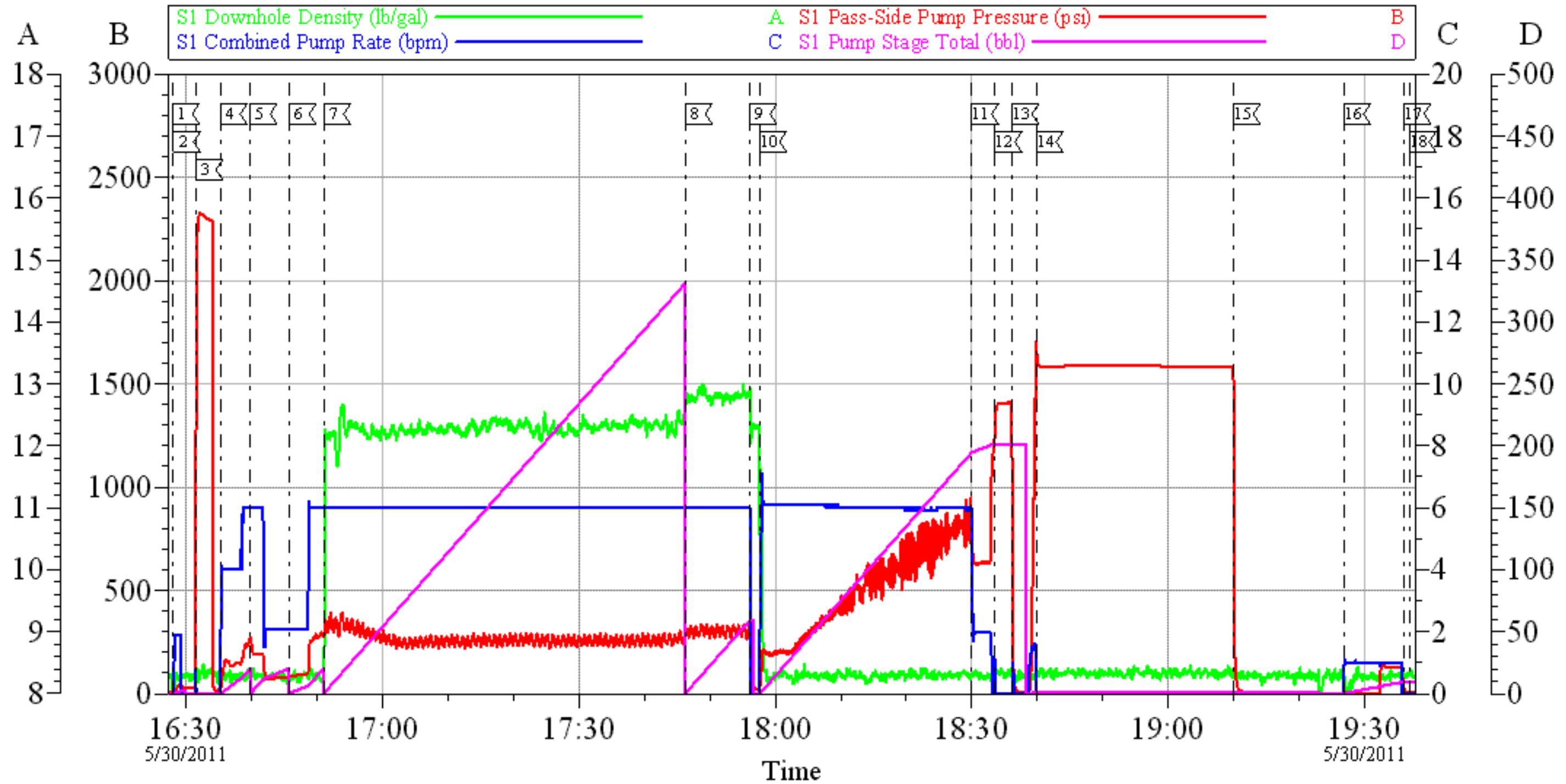
OXY Surface



| Local Event Log | | | | | | | | |
|-----------------|-----------------------|----------|----|----------------------|----------|----|-------------------------|----------|
| 1 | Start Job | 16:27:53 | 2 | Prime Lines | 16:28:04 | 3 | Test Lines | 16:31:30 |
| 4 | Pump H2O Spacer | 16:35:11 | 5 | Pump Gel Spacer | 16:39:46 | 6 | Pump H2O Spacer | 16:45:44 |
| 7 | Pump Lead Cement | 16:51:01 | 8 | Pump Tail Cement | 17:46:14 | 9 | Shut Down/Drop Top Plug | 17:56:08 |
| 10 | Pump H2O Displacement | 17:57:35 | 11 | Slow Rate | 18:29:58 | 12 | Bump Plug | 18:33:33 |
| 13 | Check Floats | 18:36:06 | 14 | Pressure Test Casing | 18:39:49 | 15 | Release Casing Pressure | 19:09:56 |
| 16 | Pump Down Parasite | 19:26:47 | 17 | End Job | 19:36:02 | 18 | Shut Down | 19:36:49 |

| | | |
|--------------------------------|--------------------------------|-----------------------------------|
| Customer: Oxy | Job Date: 30-May-2011 | Sales Order #: 8207338 |
| Well Description: CC-697-05-69 | Job Type: Surface | ADC Used: Yes |
| Company Rep: Henry Coombs | Cement Supervisor: Dean Daniel | Elite #/Operator: 9/Eric Stillson |

OXY Surface



| | | |
|--|--|--|
| Sales Order #: 8207338 | Line Item: 10 | Survey Conducted Date: 5/30/2011 |
| Customer: OXY GRAND JUNCTION EBUSINESS | | Job Type (BOM): CMT SURFACE CASING BOM |
| Customer Representative: HENRY COOMBS | | API / UWI: (leave blank if unknown) 05-045-20012 |
| Well Name: CC | | Well Number: 697-05-69 |
| Well Type: Development Well | Well Country: United States of America | |
| H2S Present: No | Well State: Colorado | Well County: Garfield |

Dear Customer,

We hope that you were satisfied with the service quality of this job performed by Halliburton. It is the aim of our management and service personnel to deliver equipment and service of a standard unmatched in the service sector of the energy industry.

Please take the time to let us know if our performance met with your satisfaction. Please be as critical as possible to ensure we constantly improve our service. Your comments are of great value to us and are intended for the exclusive use of Halliburton.

CUSTOMER SATISFACTION SURVEY

| CATEGORY | CUSTOMER SATISFACTION RESPONSE | |
|-------------------------|--|--------------------------|
| Survey Conducted Date | The date the survey was conducted | 5/30/2011 |
| Survey Interviewer | The survey interviewer is the person who initiated the survey. | EVERETT DANIEL (HX13055) |
| Customer Participation | Did the customer participate in this survey? (Y/N) | Yes |
| Customer Representative | Enter the Customer representative name | HENRY COOMBS |
| HSE | Was our HSE performance satisfactory? Circle Y or N | Yes |
| Equipment | Were you satisfied with our Equipment? Circle Y or N | Yes |
| Personnel | Were you satisfied with our people? Circle Y or N | Yes |
| Customer Comment | Customer's Comment | |
| Job DVA | Did we provide job DVA above our normal service today? Circle Y or N | No |
| Time | Please enter hours in decimal format to nearest quarter hour. | |
| Other | Enter short text for other efficiencies gained. | |
| Customer Initials | Customer's Initials | |
| Please provide details | Please describe how the job efficiencies were gained. | |

| |
|---------------------------|
| CUSTOMER SIGNATURE |
|---------------------------|

| | | |
|--|--|--|
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| Customer Representative: HENRY COOMBS | | API / UWI: (leave blank if unknown) 05-045-20012 |
| Well Name: CC | | Well Number: 697-05-69 |
| Well Type: Development Well | Well Country: United States of America | |
| H2S Present: No | Well State: Colorado | Well County: Garfield |

KEY PERFORMANCE INDICATORS

| General | |
|-----------------------------------|-----------|
| Survey Conducted Date | 5/30/2011 |
| The date the survey was conducted | |

| Cementing KPI Survey | |
|---|-------------------------|
| Type of Job | 0 |
| Select the type of job. (Cementing or Non-Cementing) | |
| Select the Maximum Deviation range for this Job | Deviated |
| What is the highest deviation for the job you just completed? This may not be the maximum well deviation. | |
| Total Operating Time (hours) | 6 |
| Total Operating Hours Including Rig-up, Pumping, Rig-down. Enter in decimal format. | |
| HSE Incident, Accident, Injury | No |
| HSE Incident, Accident, Injury. This should be recordable incidents only. | |
| Was the job purpose achieved? | Yes |
| Was the job delivered correctly as per customer agreed design? | |
| Operating Hours (Pumping Hours) | 3 |
| Total number of hours pumping fluid on this job. Enter in decimal format. | |
| Customer Non-Productive Rig Time (hrs) | 0 |
| Lost time due to Halliburton in the start, execution, or completion of an ordered service or product, or delays in a follow-on service. Enter in decimal format. 0 if none. | |
| Type of Rig Classification Job Was Performed | Drilling Rig (Portable) |
| Type Of Rig (classification) Job Was Performed On | |
| Number Of JSAs Performed | 7 |
| Number Of Jsas Performed | |
| Number of Unplanned Shutdowns | 0 |
| Unplanned shutdown is when injection stops for any period of time. | |
| Was this a Primary Cement Job (Yes / No) | Yes |

| | | |
|--|--|--|
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| Customer Representative: HENRY COOMBS | | API / UWI: (leave blank if unknown) 05-045-20012 |
| Well Name: CC | | Well Number: 697-05-69 |
| Well Type: Development Well | Well Country: United States of America | |
| H2S Present: No | Well State: Colorado | Well County: Garfield |

| | |
|--|-----|
| Primary Cement Job= Casing job, Liner job, or Tie-back job. | |
| Did We Run Wiper Plugs? Did We Run Top And Bottom Casing Wiper Plugs? | Top |
| Mixing Density of Job Stayed in Designed Density Range (0-100%) Density Range defined as +/- .20 ppg. Calculation: Total BBLs cement mixed at designed density divided by total BBLs of cement multiplied by 100 | 95 |
| Was Automated Density Control Used? Was Automated Density Control (ADC) Used ? | Yes |
| Pump Rate (percent) of Job Stayed At Designed Pump Rate Pump Rate range defined as +/- 1bbl/min. Calculation: Total BBLs of fluid pumped at the designed rate divided by Total BBLs of fluid pumped, multiplied by 100 | 98 |
| Nbr of Remedial Sqz Jobs Rqd - Competition Number Of Remedial Squeeze Jobs Required After Primary Job Performed By Competition | 0 |
| Nbr of Remedial Plug Jobs Rqd - HES Number Of Remedial Plug Jobs Needed After Primary Plug Pumped By HES | 0 |
| Nbr of Remedial Sqz Jobs Rqd - HES Number Of Remedial Squeeze Jobs Required After Primary Job Performed By HES | 0 |