
OXY GRAND JUNCTION EBUSINESS

CC 697-08-04B

Garfield County, Colorado

Cement Surface Casing

09-Mar-2012

Post Job Report

The Road to Excellence Starts with Safety

| | | | |
|--|--|-------------------------|------------------------|
| Sold To #: 344034 | Ship To #: 2914217 | Quote #: | Sales Order #: 9340304 |
| Customer: OXY GRAND JUNCTION EBUSINESS | Customer Rep: SMITH, CHARLES | | |
| Well Name: CC | Well #: 697-08-04B | API/UWI #: 05-045-20968 | |
| Field: | City (SAP): ADDISON | County/Parish: Dallas | State: Texas |
| Lat: N 39.544 deg. OR N 39 deg. 32 min. 37.032 secs. | Long: W 108.246 deg. OR W -109 deg. 45 min. 13.032 secs. | | |
| Contractor: H&P 353 | Rig/Platform Name/Num: H&P 353 | | |
| Job Purpose: Cement Surface Casing | | | |
| Well Type: Development Well | Job Type: Cement Surface Casing | | |
| Sales Person: HIMES, JEFFREY | Srv Supervisor: SLAUGHTER, JESSE | MBU ID Emp #: 454315 | |

Job Personnel

| HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # |
|-------------------------|---------|--------|-----------------------------|---------|--------|---------------|---------|--------|
| BECK, MICHAEL George | 21.5 | 489151 | BRENNECKE, ANDREW Bailey | 21.5 | 486345 | DOUT, JACOB J | 13.5 | 430298 |
| SINGLETON, AUSTIN W | 8 | 487406 | SLAUGHTER, JESSE Dean | 21.5 | 454315 | | | |

Equipment

| HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way |
|------------|----------------|------------|----------------|------------|----------------|------------|----------------|
| 10616651C | 120 mile | 10867322 | 120 mile | 10867423 | 120 mile | 10897887 | 120 mile |
| 10998512 | 120 mile | 11583933 | 120 mile | 11808827 | 120 mile | 4901 | 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 |
|------------|-------------------|-----------------|------------|-------------------|-----------------|------|-------------------|-----------------|
| 03-08-2012 | 21.5 | 9 | 08-09-2012 | 1 | 1 | | | |

TOTAL Total is the sum of each column separately

Job

| Formation Name | | | | | Date | | | | Time | Time Zone |
|------------------------|----------|--|--|-------------------|----------|---------------|-----------------|-------|------|-----------|
| Formation Depth (MD) | Top | | | Bottom | | Called Out | 08 - Mar - 2012 | 22:30 | MST | |
| Form Type | | | | BHST | | On Location | 09 - Mar - 2012 | 03:30 | MST | |
| Job depth MD | 2681. ft | | | Job Depth TVD | 2681. ft | Job Started | 09 - Mar - 2012 | 10:15 | MST | |
| Water Depth | | | | Wk Ht Above Floor | 1. ft | Job Completed | 09 - Mar - 2012 | 20:14 | MST | |
| Perforation Depth (MD) | From | | | To | | Departed Loc | 10 - Mar - 2012 | 01:00 | 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/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 | HES |
| Float Shoe | | | | | Bridge Plug | | | | | Bottom Plug | | | |
| Float Collar | | | | | Retainer | | | | | SSR plug set | | | |
| Insert Float | | | | | | | | | | Plug Container | 9.625 | 1 | HES |
| 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 Name | Qty | Qty uom | Mixing Density lbm/gal | Yield ft ³ /sk | Mix Fluid Gal/sk | Rate bbl/min | Total Mix Fluid Gal/sk |
|-----------------|------------|-----|---------|------------------------|---------------------------|------------------|--------------|------------------------|
| Fluid # | Stage Type | | | | | | | |

| | | | | | | | | | |
|--|--------------------------|-------------------------------|--------|-----------------------------------|------|---------------------|-------|-----------|-------|
| 1 | Fresh Water Spacer | FRESH WATER | 10.00 | bbl | 8.33 | .0 | .0 | 4 | |
| 2 | Gel Water Spacer | LGC GEL | 20.00 | bbl | 8.34 | .0 | .0 | 4 | |
| 0.25 gal/bbl | | LGC-36 UC, BULK (101582749) | | | | | | | |
| 3 | Fresh Water Spacer | FRESH WATER | 10.00 | bbl | 8.33 | .0 | .0 | 4 | |
| 4 | Lead Cement | VERSACEM (TM) SYSTEM (452010) | 1062.0 | sacks | 12.3 | 2.33 | 12.62 | 6 | 12.62 |
| 12.62 Gal | | FRESH WATER | | | | | | | |
| 5 | Tail Cement | VERSACEM (TM) SYSTEM (452010) | 160.0 | sacks | 12.8 | 2.07 | 10.67 | 6 | 10.67 |
| 10.67 Gal | | FRESH WATER | | | | | | | |
| 6 | Fresh Water Displacement | FRESH WATER | 201.3 | bbl | 8.34 | .0 | .0 | 8 | |
| Calculated Values | | Pressures | | Volumes | | | | | |
| Displacement | 210.3 | Shut In: Instant | | Lost Returns | NO | Cement Slurry | 549 | Pad | |
| Top Of Cement | SURFACE | 5 Min | | Cement Returns | 5 | Actual Displacement | 201.3 | Treatment | |
| Frac Gradient | | 15 Min | | Spacers | 40 | Load and Breakdown | | Total Job | 785 |
| Rates | | | | | | | | | |
| Circulating | | Mixing | 6 | Displacement | 8 | Avg. Job | 7 | | |
| Cement Left In Pipe | Amount | 0 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 #: 2914217 | Quote #: | Sales Order #: 9340304 |
| Customer: OXY GRAND JUNCTION EBUSINESS | | Customer Rep: SMITH, CHARLES | |
| Well Name: CC | Well #: 697-08-04B | API/UWI #: 05-045-20968 | |
| Field: | City (SAP): ADDISON | County/Parish: Dallas | State: Texas |
| Legal Description: | | | |
| Lat: N 39.544 deg. OR N 39 deg. 32 min. 37.032 secs. | | Long: W 108.246 deg. OR W -109 deg. 45 min. 13.032 secs. | |
| Contractor: H&P 353 | | 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: HIMES, JEFFREY | | Srv Supervisor: SLAUGHTER, JESSE | MBU ID Emp #: 454315 |

| Activity Description | Date/Time | Cht # | Rate bbl/min | Volume bbl | | Pressure psig | | Comments |
|---------------------------------------|------------------|-------|--------------|------------|-------|---------------|--------|--|
| | | | | Stage | Total | Tubing | Casing | |
| Call Out | 03/08/2012 22:30 | | | | | | | TD 2698 FT, TP 2681 FT, SHOE 47.12 FT, CSG 9 5/8 IN 36 LB/FT, HOLE 14 3/4 IN, MUD WT 9.0 PPG |
| Pre-Convoy Safety Meeting | 03/09/2012 00:50 | | | | | | | WITH ALL HES PERSONNEL |
| Crew Leave Yard | 03/09/2012 01:00 | | | | | | | |
| Arrive At Loc | 03/09/2012 03:30 | | | | | | | RIG WAS RUNNING CASING UPON HES ARRIVAL |
| Assessment Of Location Safety Meeting | 03/09/2012 07:50 | | | | | | | WITH ALL HES PERSONNEL |
| Other | 03/09/2012 08:00 | | | | | | | SPOT EQUIPMENT |
| Pre-Rig Up Safety Meeting | 03/09/2012 08:10 | | | | | | | WITH ALL HES PERSONNEL |
| Rig-Up Equipment | 03/09/2012 08:20 | | | | | | | |
| Pre-Job Safety Meeting | 03/09/2012 10:00 | | | | | | | WITH ALL PERSONNEL ON LOCATION |
| Start Job | 03/09/2012 10:15 | | | | | | | PUMPED JOB OFFLINE |
| Other | 03/09/2012 10:15 | | 2 | 2 | | | 43.0 | FILL LINES WITH FRESH WATER |
| Test Lines | 03/09/2012 10:18 | | | | | | | TESTED LINES TO 3150 PSI PRESSURE HOLDING |
| Pump Spacer 1 | 03/09/2012 10:24 | | 4 | 10 | | | 81.0 | FRESH WATER |
| Pump Spacer 2 | 03/09/2012 10:26 | | 4 | 20 | | | 81.0 | FRESH WATER WITH 2.5 GAL LGC GEL PER 10 BBL |
| Pump Spacer 1 | 03/09/2012 10:32 | | 4 | 10 | | | 50.0 | FRESH WATER |

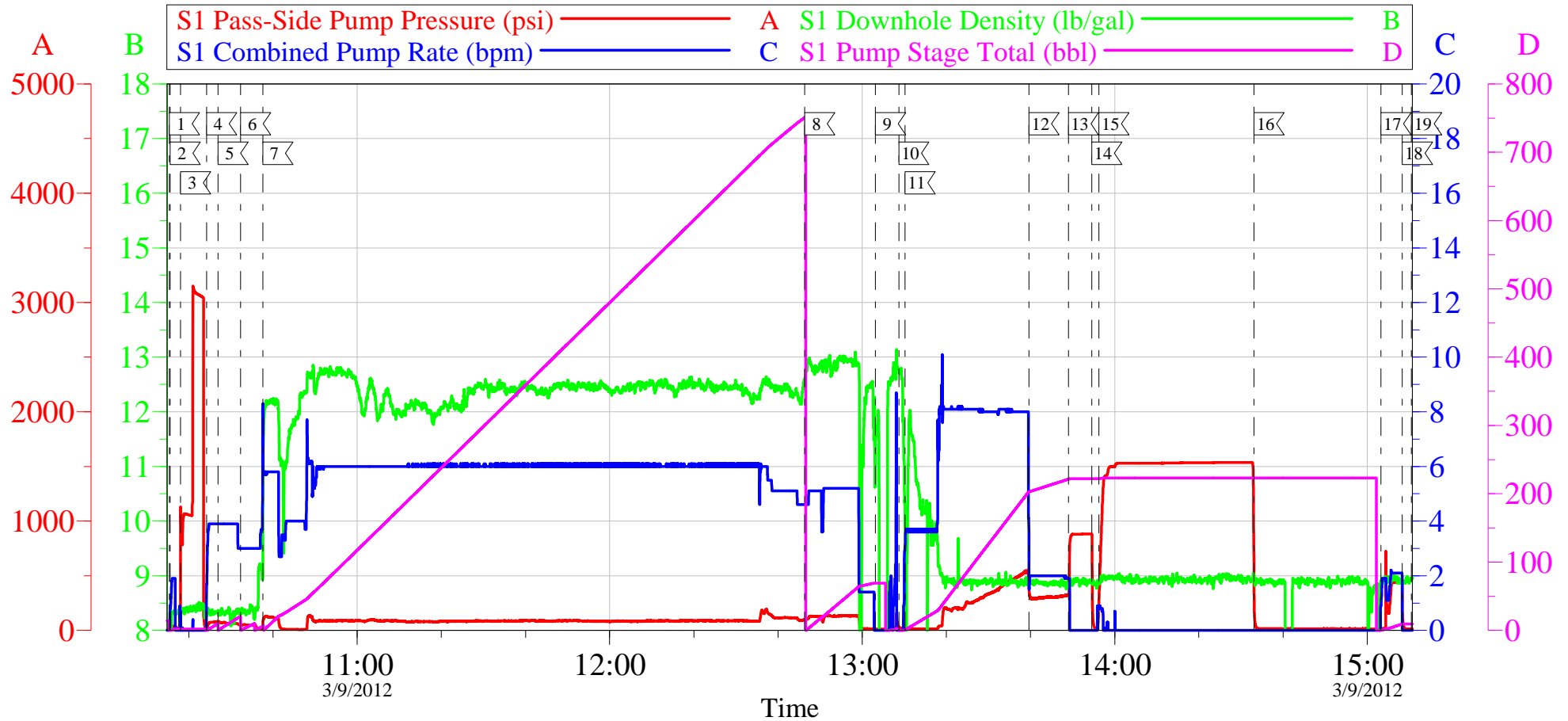
| Activity Description | Date/Time | Cht # | Rate bbl/min | Volume bbl | | Pressure psig | | Comments |
|-------------------------|------------------|-------|--------------|------------|-------|---------------|--------|--|
| | | | | Stage | Total | Tubing | Casing | |
| Pump Lead Cement | 03/09/2012 10:37 | | 6 | 440.7 | | | 165.0 | 1062 SKS AT 12.3 PPG, 2.33 FT3/SK, 12.62 GAL/SK. WITH 7 BOXES OF TUFF FIBER. DENSITY FLUCUATING DUE TO FLEX SYSTEM MALFUNCTION, HES CREW SWITCHED TO HAND TO FIX ISSUES AND HAD TROUBLE LINING OUT CEMENT HEAD |
| Pump Tail Cement | 03/09/2012 10:46 | | 6 | 59 | | | 120.0 | 160 SKS AT 12.8 PPG, 2.07 FT3/SK, 10.67 GAL/SK |
| Shutdown | 03/09/2012 13:01 | | | | | | | BEFORE DROPPING PLUG HES CREW ENSURED THAT FLOW WAS ESTABLISHED BEFORE DISPLACING DUE TO PUMP PACKING OFF AT END OF TAIL CEMENT |
| Drop Top Plug | 03/09/2012 13:08 | | | | | | | PLUG LAUNCHED |
| Pump Displacement | 03/09/2012 13:10 | | 8 | 181.3 | | | 550.0 | FRESH WATER |
| Slow Rate | 03/09/2012 13:39 | | 2 | 20 | | | 330.0 | SLOW RATE 10 BBLS PRIOR TO CALCULATED DISPLACEMENT |
| Bump Plug | 03/09/2012 13:48 | | 2 | | 201.3 | | 890.0 | PLUG BUMPED |
| Check Floats | 03/09/2012 13:54 | | | | | | | FLOATS HOLDING. HES RETURNED 1 BBL H2O TO PUMP |
| Pressure Test | 03/09/2012 13:56 | | | | | | 1500.0 | TEST CASING TO 1500 PSI AS PER COMPANY REP |
| Release Casing Pressure | 03/09/2012 14:33 | | | | | | | |
| Other | 03/09/2012 15:03 | | 2 | 10 | | | 1503.0 | PUMP FRESH WATER WITH 10 LB SURGAR DOWN PARASITE STRING |
| Shutdown | 03/09/2012 15:08 | | | | | | | |

| Activity Description | Date/Time | Cht # | Rate bbl/min | Volume bbl | | Pressure psig | | Comments |
|----------------------|------------------|-------|--------------|------------|-------|---------------|--------|---|
| | | | | Stage | Total | Tubing | Casing | |
| End Job | 03/09/2012 15:10 | | | | | | | PIPE WAS STATIC DURING JOB, NO CIRCULATION THROUGHOUT JOB |
| Start Job | 03/09/2012 16:19 | | | | | | | TOPOUT #1 |
| Pump Water | 03/09/2012 16:20 | | 1 | 1 | | | 12.0 | PUMP WATER AHEAD |
| Shutdown | 03/09/2012 16:20 | | | | | | | SHUTDOWN TO MIX UP TUB |
| Pump Cement | 03/09/2012 16:24 | | 2 | 17.5 | | | 65.0 | 50 SKS AT 12.5 PPG, 1.97 FT3/SK, 10.96 GAL/SK |
| Shutdown | 03/09/2012 16:36 | | | | | | | |
| Pump Water | 03/09/2012 16:40 | | 2 | 3.5 | | | | PUMP WATER BEHIND |
| Shutdown | 03/09/2012 16:44 | | | | | | | AS PER COMPANY REP |
| End Job | 03/09/2012 16:45 | | | | | | | HES DID NOT RETURN CEMENT TO SURFACE |
| Start Job | 03/09/2012 19:34 | | | | | | | TOPOUT #2 |
| Pump Water | 03/09/2012 19:35 | | 1 | 1 | | | 25.0 | PUMP WATER AHEAD |
| Shutdown | 03/09/2012 19:35 | | | | | | | SHUT DOWN TO MIX UP TUB |
| Pump Cement | 03/09/2012 19:43 | | 2.5 | 24 | | | 67.0 | 92 SKS AT 12.5 PPG, 1.97 FT3/SK, 10.96 GAL/SK |
| Shutdown | 03/09/2012 19:53 | | | | | | | AS PER COMPANY REP |
| Resume | 03/09/2012 19:56 | | 2.5 | 2.5 | | | 67.0 | RESUME PUMPING CEMENT |
| Shutdown | 03/09/2012 19:58 | | | | | | | AS PER COMPANY REP |
| Resume | 03/09/2012 20:03 | | 2.5 | 2 | | | 67.0 | RESUME PUMPING CEMENT |
| Shutdown | 03/09/2012 20:04 | | | | | | | AS PER COMPANY REP |
| Resume | 03/09/2012 20:11 | | 2.5 | 5 | | | 67.0 | RESUME PUMPING CEMENT |
| Shutdown | 03/09/2012 20:12 | | | | 32.5 | | | AS PER COMPANY REP |
| Pump Water | 03/09/2012 20:13 | | 2 | 2 | | | | PUMP WATER BEHIND |
| Shutdown | 03/09/2012 20:14 | | | | | | | |

| Activity Description | Date/Time | Cht # | Rate bbl/ min | Volume bbl | | Pressure psig | | Comments |
|-----------------------------|---------------------|----------|---------------------|---------------|-------|------------------|--------|---|
| | | | | Stage | Total | Tubing | Casing | |
| End Job | 03/09/2012 20:14 | | | | | | | GOOD CIRCULATION THROUGHOUT JOB, HES RETURNED 5 BBL CEMENT TO SURFACE |
| Pre-Rig Down Safety Meeting | 03/09/2012 22:50 | | | | | | | WITH ALL HES PERSONNEL |
| Rig-Down Equipment | 03/09/2012 23:00 | | | | | | | |
| Pre-Convoy Safety Meeting | 03/10/2012 00:50 | | | | | | | WITH ALL HES PERSONNEL |
| Crew Leave Location | 03/10/2012 01:00 | | | | | | | HES CREW LEFT LOCATION WITH 346 SKS OF TOPOUT LEFT IN THE SILO |
| Comment | 03/10/2012 01:01 | | | | | | | THANK YOU FOR USING HALLIBURTON CEMENT DEPARTMENT. JESSE SLAUGHTER AND CREW. |

OXY CC 697-08-04B

9 5/8 SURFACE



Local Event Log

| | | | | | |
|---------------------|----------|-----------------------|----------|-------------------------|----------|
| 1 START JOB | 10:15:23 | 2 PRIME LINES | 10:15:34 | 3 TEST LINES | 10:18:01 |
| 4 PUMP H2O SPACER | 10:24:11 | 5 PUMP GEL SPACER | 10:26:55 | 6 PUMP H2O SPACER | 10:32:16 |
| 7 PUMP LEAD CEMENT | 10:37:34 | 8 PUMP TAIL CEMENT | 12:46:19 | 9 SHUTDOWN | 13:03:09 |
| 10 DROP TOP PLUG | 13:08:42 | 11 PUMP DISPLACEMENT | 13:10:11 | 12 SLOW RATE | 13:39:37 |
| 13 BUMP PLUG | 13:48:59 | 14 CHECK FLOATS | 13:54:32 | 15 PRESSURE TEST CASING | 13:56:13 |
| 16 RELEASE PRESSURE | 14:33:05 | 17 PUMP DOWN PARASITE | 15:03:15 | 18 SHUTDOWN | 15:08:21 |
| 19 END JOB | 15:10:31 | | | | |

Customer: OXY
Well Description: CC 697-08-04B
Customer Rep: TERRY ROSSER

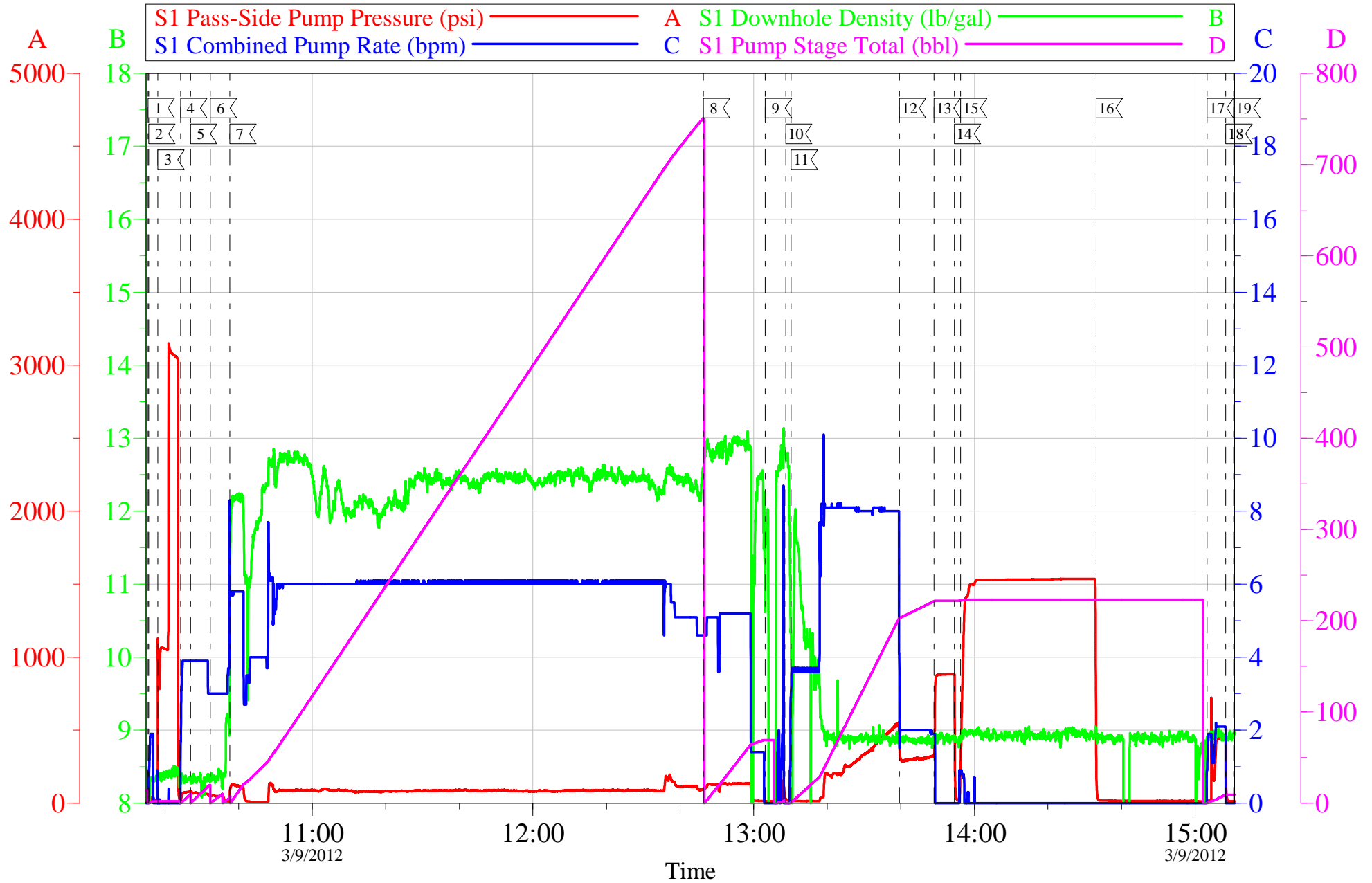
Job Date: 09-Mar-2012
Job Type: SURFACE
Cement Supervisor: JESSE SLAUGHTER

Sales Order #: 9340304
ADC Used: YES
Elite #4: JACOB DOUT

OptiCem v6.4.10
09-Mar-12 15:26

OXY CC 697-08-04B

9 5/8 SURFACE

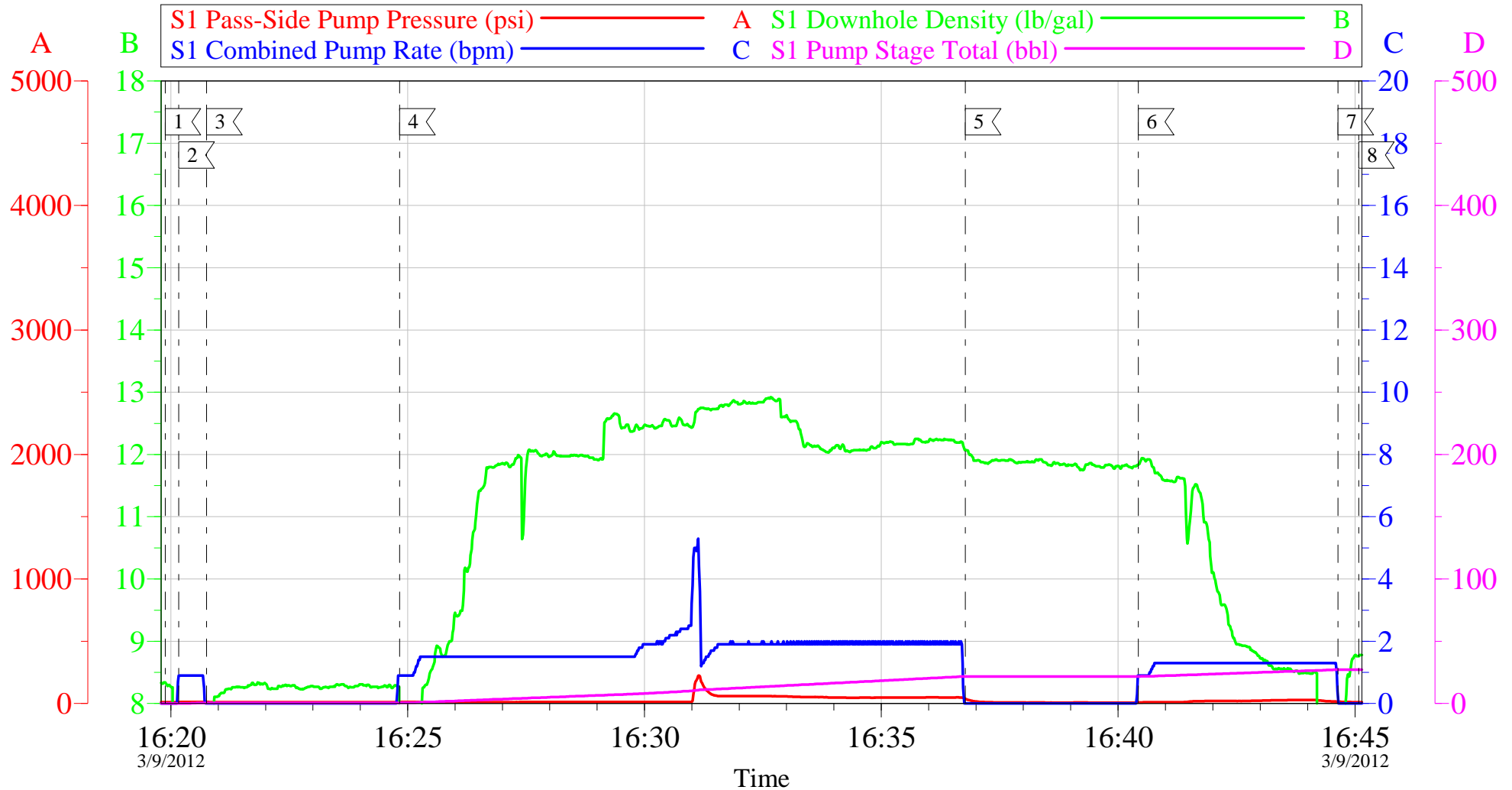


| | | |
|---------------------------------|------------------------------------|------------------------|
| Customer: OXY | Job Date: 09-Mar-2012 | Sales Order #: 9340304 |
| Well Description: CC 697-08-04B | Job Type: SURFACE | ADC Used: YES |
| Customer Rep: TERRY ROSSER | Cement Supervisor: JESSE SLAUGHTER | Elite #4: JACOB DOUT |

OptiCem v6.4.10
09-Mar-12 15:26

OXY CC697-08-04B

TOPOUT #1



Local Event Log

| | | | | | |
|---------------|----------|--------------------|----------|---------------------|----------|
| 1 START JOB | 16:19:53 | 2 PUMP WATER AHEAD | 16:20:10 | 3 SHUTDOWN | 16:20:45 |
| 4 PUMP CEMENT | 16:24:50 | 5 SHUTDOWN | 16:36:47 | 6 PUMP WATER BEHIND | 16:40:26 |
| 7 SHUTDOWN | 16:44:39 | 8 END JOB | 16:45:05 | | |

Customer: OXY
Well Description: CC 697-08-04B
Customer Rep: TERRY ROSSER

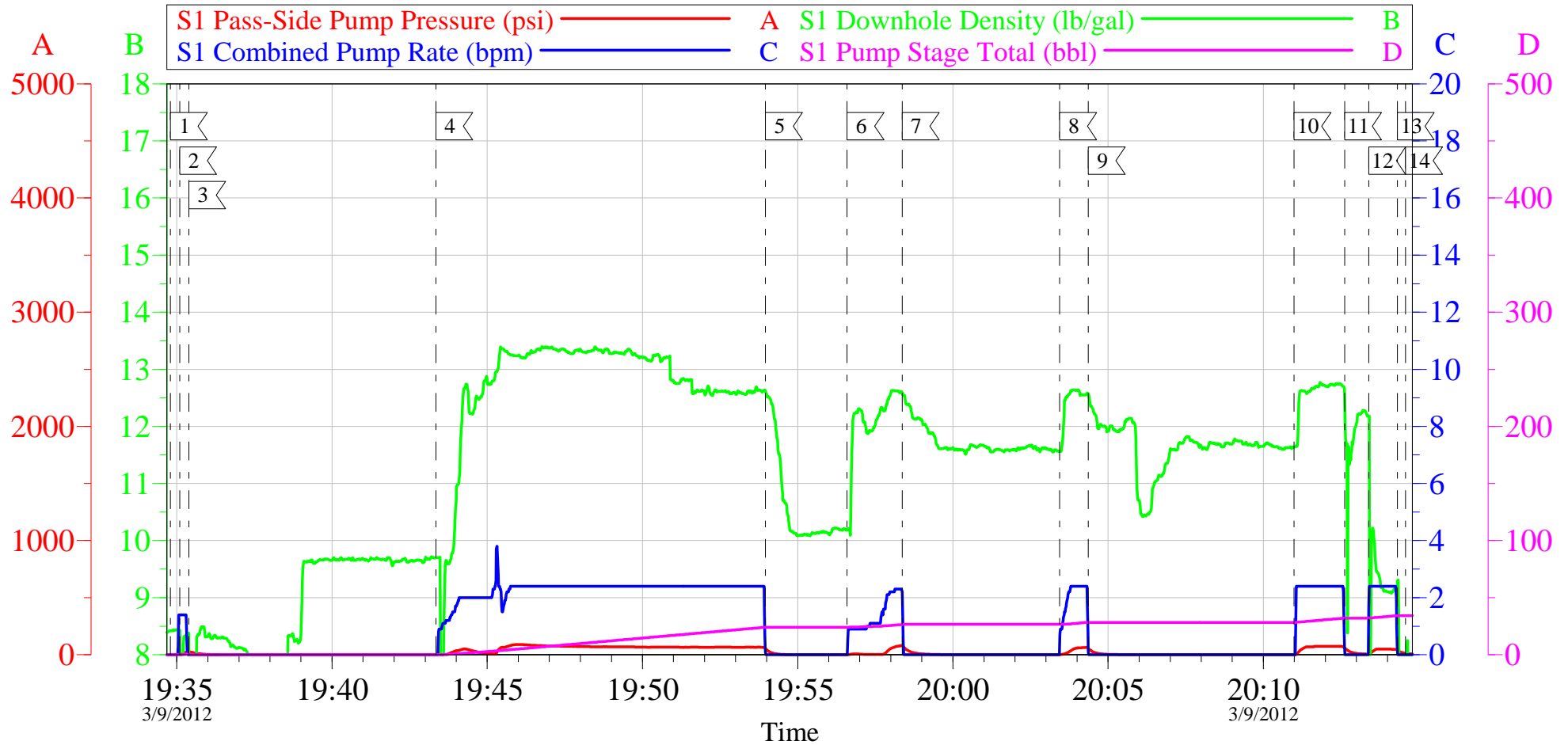
Job Date: 09-Mar-2012
Job Type: TOPOUT#1
Cement Supervisor: JESSE SLAUGHTER

Sales Order #: 9340304
ADC Used: YES
Elite #4: ANDREW BRENNECKE

OptiCem v6.4.10
09-Mar-12 17:01

OXY CC 697-08-04B

TOPOUT #2



Local Event Log

| | | | | | |
|-------------------|----------|--------------------|----------|----------------------|----------|
| 1 START JOB | 19:34:48 | 2 PUMP WATER AHEAD | 19:35:05 | 3 SHUTDOWN | 19:35:23 |
| 4 PUMP CEMENT | 19:43:21 | 5 SHUTDOWN | 19:53:58 | 6 RESUME PUMPING | 19:56:35 |
| 7 SHUTDOWN | 19:58:22 | 8 RESUME PUMPING | 20:03:26 | 9 SHUTDOWN | 20:04:22 |
| 10 RESUME PUMPING | 20:11:00 | 11 SHUTDOWN | 20:12:37 | 12 PUMP WATER BEHIND | 20:13:24 |
| 13 SHUTDOWN | 20:14:19 | 14 END JOB | 20:14:35 | | |

| | | |
|---------------------------------|------------------------------------|----------------------------|
| Customer: OXY | Job Date: 09-Mar-2012 | Sales Order #: 9340304 |
| Well Description: CC 697-08-04B | Job Type: TOPOUT #2 | ADC Used: YES |
| Customer Rep: CHARLES SMITH | Cement Supervisor: JESSE SLAUGHTER | Elite #4: ANDREW BRENNECKE |

OptiCem v6.4.10
09-Mar-12 20:29

HALLIBURTON

Water Analysis Report

Company: OXY

Submitted by: JESSE SLAUGHTER

Attention: LAB

Lease CC

Well # 697-08-04B

Date: 3/9/2012

Date Rec.:

S.O.# 9340304

Job Type: SURFACE

| | | |
|-----------------------------|--------------|-------------------------|
| Specific Gravity | <i>MAX</i> | 1 |
| pH | <i>8</i> | 6 |
| Potassium (K) | <i>5000</i> | 250 Mg / L |
| Calcium (Ca) | <i>500</i> | 120 Mg / L |
| Iron (FE2) | <i>300</i> | 0 Mg / L |
| Chlorides (Cl) | <i>3000</i> | 0 Mg / L |
| Sulfates (SO ₄) | <i>1500</i> | UNDER 200 Mg / L |
| Chlorine (Cl ₂) | | 0 Mg / L |
| Temp | <i>40-80</i> | 55 Deg |
| Total Dissolved Solids | | 200 Mg / L |

Respectfully: JESSE SLAUGHTER

Title: CEMENTING SUPERVISOR

Location: Grand Junction, CO

NOTICE:

This report is limited to the described sample tested. Any person using or relying on this report agrees that Halliburton shall not be liable for any loss or damage whether due to act or omission resulting from such report or its use.

| | | |
|--|--|--|
| Sales Order #: 9340304 | Line Item: 10 | Survey Conducted Date: 3/9/2012 |
| Customer: OXY GRAND JUNCTION EBUSINESS | | Job Type (BOM): CMT SURFACE CASING BOM |
| Customer Representative: CHARLES SMITH | | API / UWI: (leave blank if unknown) 05-045-20968 |
| Well Name: CC | | Well Number: 697-08-04B |
| Well Type: Development Well | Well Country: United States of America | |
| H2S Present: No | Well State: Texas | Well County: Dallas |

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 | 3/9/2012 |
| Survey Interviewer | The survey interviewer is the person who initiated the survey. | JESSE SLAUGHTER (HB21762) |
| Customer Participation | Did the customer participate in this survey? (Y/N) | Yes |
| Customer Representative | Enter the Customer representative name | CHARLES SMITH |
| 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 | DUE TO MALFUNCTION, UNABLE TO MONITOR JOB ON SCREEN OR THE ADC NOT WORKING PROPERLY |

CUSTOMER SIGNATURE

| | | |
|--|--|--|
| Sales Order #: 9340304 | Line Item: 10 | Survey Conducted Date: 3/9/2012 |
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| Customer Representative: CHARLES SMITH | | API / UWI: (leave blank if unknown) 05-045-20968 |
| Well Name: CC | | Well Number: 697-08-04B |
| Well Type: Development Well | Well Country: United States of America | |
| H2S Present: No | Well State: Texas | Well County: Dallas |

KEY PERFORMANCE INDICATORS

| General | |
|---|----------|
| Survey Conducted Date The date the survey was conducted | 3/9/2012 |

| Cementing KPI Survey | |
|--|-------------------------|
| Type of Job Select the type of job. (Cementing or Non-Cementing) | 0 |
| Select the Maximum Deviation range for this Job What is the highest deviation for the job you just completed? This may not be the maximum well deviation. | Vertical |
| Total Operating Time (hours) Total Operating Hours Including Rig-up, Pumping, Rig-down. Enter in decimal format. | 11 |
| HSE Incident, Accident, Injury HSE Incident, Accident, Injury. This should be recordable incidents only. | No |
| Was the job purpose achieved? Was the job delivered correctly as per customer agreed design? | Yes |
| Operating Hours (Pumping Hours) Total number of hours pumping fluid on this job. Enter in decimal format. | 8 |
| Customer Non-Productive Rig Time (hrs) 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. | 0 |
| Type of Rig Classification Job Was Performed Type Of Rig (classification) Job Was Performed On | Drilling Rig (Portable) |
| Number Of JSAs Performed Number Of Jsas Performed | 6 |
| Number of Unplanned Shutdowns Unplanned shutdown is when injection stops for any period of time. | 0 |
| Was this a Primary Cement Job (Yes / No) | Yes |

| | | |
|--|--|--|
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| Customer: OXY GRAND JUNCTION EBUSINESS | | Job Type (BOM): CMT SURFACE CASING BOM |
| Customer Representative: CHARLES SMITH | | API / UWI: (leave blank if unknown) 05-045-20968 |
| Well Name: CC | | Well Number: 697-08-04B |
| Well Type: Development Well | Well Country: United States of America | |
| H2S Present: No | Well State: Texas | Well County: Dallas |

| | |
|--|-----|
| 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 | 90 |
| Was Automated Density Control Used? Was Automated Density Control (ADC) Used ? | No |
| 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 | 95 |
| 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 |