
BILL BARRETT CORPORATION E-BILL

**State #1
WATTENBERG
Weld County , Colorado**

**Recement Service
03-Jan-2014**

Job Site Documents

Original

Field Ticket

| | |
|--|--|
| Field Ticket Number: 901010790 | Field Ticket Date: Friday, January 03, 2014 |
| Bill To: BILL BARRETT CORPORATION E-BILL DO NOT MAIL-1099 18TH ST,STE 2300W DENVER, CO 80202 | Job Name: State Order Type: Streamline Order (ZOH) Well Name: State #1 Company Code: 1100 Customer PO No.: NA Shipping Point: Fort Lupton, CO, USA Sales Office: Rocky Mountains BD Well Type: Gas Well Category: Development |
| Ship To: STATE #1, WELD STATE #1 3274651 BRIGHTON, CO 80602 | |

| Material | Description | QTY | UOM | Base Amt | Unit Amt | Gross Amount | Discount | Net Amount |
|---------------|---|-------|-----|----------|----------|------------------|------------------|------------------|
| 14099 | CMT RECEMENT BOM | 1 | JOB | 0.00 | 0.00 | 0.00 | | 0.00 |
| 432905 | CMT, ROCKIES SG MILEAGE | 1 | MI | | | 2,109.90 | 47.91% | 1,099.15 |
| | <i>Number of Units</i> | 1 | | | | | | |
| 16091 | ZI - PUMPING CHARGE | 1 | EA | 0.00 | 4,935.00 | 4,935.00 | 50% | 2,467.50 |
| | <i>DEPTH</i> | 199 | FT | | | | | |
| | <i>FEET/METERS (FT/M)</i> | | | | | | | |
| 432906 | CMT, ROCKIES SG DELIVERY | 130 | TNM | | | 5,686.26 | 48.39% | 2,934.51 |
| | <i>NUMBER OF TONS</i> | 16.54 | | | | | | |
| 432904 | CMT, ROCKIES SG SETUP | 1 | EA | | | 4,833.00 | 39.66% | 2,916.00 |
| 452986 | HALCEM (TM) SYSTEM | 274 | SK | | | 10,620.24 | 50.0% | 5,310.12 |
| 101227839 | PLUG,CMTG, TOP,8 5/8,HWE,7.20 MIN/8.09 MA | 1 | EA | 0.00 | 380.00 | 380.00 | 65% | 133.00 |
| 101509387 | CALCIUM CHLORIDE, PELLETT | 3 | SK | 0.00 | 157.00 | 471.00 | 50% | 235.50 |
| 100008028 | SUGAR, GRANULATED, IMPERIAL | 100 | LB | 0.00 | 6.44 | 644.00 | 50% | 322.00 |
| Totals | | | | | | USD | | |
| | | | | | | 29,679.40 | 14,261.62 | 15,417.78 |

Halliburton Rep: JOSEPH BARRAS
 Customer Agent: Johnny Damron
 Halliburton Approval

15,711.92

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 CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ABOVE AND ON THE ATTACHED DOCUMENTS.

X Johnny Danner
 Customer Signature

FIELD TICKET TOTAL: USD

15,417.78
15,711.92

Was our HSE performance satisfactory? Y or N (Health, Safety, Environment)
 Were you satisfied with our Equipment? Y or N
 Were you satisfied with our people? Y or N

Comments
Good Job!

Anschutz state 5-62-35-8457 BH
 state #1 P&A 840-015
 AFE # 18335D

| |
|----------------------------------|
| Customer Information Only |
| AFE Number |
| Buyer's Name |
| Remit To location |

Field Ticket

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 DO NOT MAIL-1099 18TH ST,STE 2300W
 DENVER, CO 80202

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Well Name: State #1
Company Code: 1100
Customer PO No.: NA
Shipping Point: Fort Lupton, CO, USA
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Ship To:
 STATE #1,WELD
 STATE #1
 3274651
 BRIGHTON, CO 80602

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 Customer Agent: Johnny Damron
 Halliburton Approval

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 BRIGHTON, CO 80602

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X FIELD TICKET TOTAL: USD 15,417.78

Customer Signature

Was our HSE performance satisfactory? **Y or N** (Health, Safety, Environment)
 Were you satisfied with our Equipment? **Y or N**
 Were you satisfied with our people? **Y or N**

Comments

| | |
|----------------------------------|--|
| Customer Information Only | |
| AFE Number | |
| Buyer's Name | |
| Remit To location | |

The Road to Excellence Starts with Safety

| | | | | | | | |
|--|--|-----------------------------|--|-------------------------------------|-----------------------------|---------------------------------|--|
| Sold To #: 343492 | | Ship To #: 3274651 | | Quote #: | | Sales Order #: 901010790 | |
| Customer: BILL BARRETT CORPORATION E-BILL | | | | Customer Rep: Damron, Johnny | | | |
| Well Name: State | | | Well #: #1 | | API/UWI #: | | |
| Field: WATTENBERG | | City (SAP): BRIGHTON | | County/Parish: Weld | | State: Colorado | |
| Contractor: WORKOVER | | | Rig/Platform Name/Num: WORKOVER | | | | |
| Job Purpose: Recement Service | | | | | | | |
| Well Type: Development Well | | | | Job Type: Recement Service | | | |
| Sales Person: GREGORY, JON | | | Srvc Supervisor: BARRAS, JOSEPH | | MBU ID Emp #: 405168 | | |

Job Personnel

| HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # |
|---------------------|---------|--------|----------------------|---------|--------|------------------------|---------|--------|
| BANUELOS, GUADALUPE | 4 | 372277 | BARRAS, JOSEPH Corey | 4 | 405168 | KOSAKEWICH, LUKE Wayne | 4 | 560003 |
| MAYFIELD, BYRON L | 4 | 528751 | | | | | | |

Equipment

| HES Unit # | Distance-1 way |
|------------|----------------|------------|----------------|------------|----------------|------------|----------------|
| 10977079C | 64 mile | 11410470C | 64 mile | 11518548 | 64 mile | 11562544C | 64 mile |

Job Hours

| Date | On Location Hours | Operating Hours | Date | On Location Hours | Operating Hours | Date | On Location Hours | Operating Hours |
|------|-------------------|-----------------|------|-------------------|-----------------|------|-------------------|-----------------|
| | | | | | | | | |

TOTAL Total is the sum of each column separately

| Job | | | | Job Times | | | |
|-------------------------------|----------------------|--------------------------|---------|----------------------|-----------------|-------|-----------|
| Formation Name | Formation Depth (MD) | Top | Bottom | Called Out | Date | Time | Time Zone |
| | | | | On Location | 03 - Jan - 2014 | 05:30 | MST |
| Form Type | BHST | | | Job Started | 03 - Jan - 2014 | 00:00 | MST |
| Job depth MD | 650. ft | Job Depth TVD | 650. ft | Job Completed | 03 - Jan - 2014 | 00:00 | MST |
| Water Depth | | Wk Ht Above Floor | 4. ft | Departed Loc | | | |
| 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 |
|------------------|------------|-------------------|---------|-------|---------------|--------|-------|-----------|--------------|------------|---------------|
| Conductor Casing | Unknown | | 10.75 | 10.05 | 40.5 | | J-55 | . | 60. | | |
| Surface Casing | Unknown | | 8.625 | 8.097 | 24. | | J-55 | . | 650. | | |

Sales/Rental/3rd Party (HES)

| Description | Qty | Qty uom | Depth | Supplier |
|--|-----|---------|-------|----------|
| PLUG,CMTG, TOP, 8 5/8, HWE, 7.20 MIN/8.09 MA | 1 | EA | | |
| CALCIUM CHLORIDE, PELLET | 3 | SK | | |
| SUGAR, GRANULATED, IMPERIAL | 100 | LB | | |

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 |
|--|------------|-----------------------------|--------|-----------------------------------|------------------------|---------------------------|------------------|--------------|------------------------|
| 1 | Water | | | bbl | 8.33 | .0 | .0 | 1.5 | |
| 2 | HALCEM | HALCEM (TM) SYSTEM (452986) | 274.0 | sacks | 15.8 | 1.15 | 5.0 | | 5.0 |
| 5 Gal | | FRESH WATER | | | | | | | |
| 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 | 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 | | | | | |

7.0 m³ = 44 bbls

The Road to Excellence Starts with Safety

| | | | |
|--|-----------------------------|--|---------------------------------|
| Sold To #: 343492 | Ship To #: 3274651 | Quote #: | Sales Order #: 901010790 |
| Customer: BILL BARRETT CORPORATION E-BILL | | Customer Rep: Damron, Johnny | |
| Well Name: State | Well #: #1 | API/UWI #: | |
| Field: WATTENBERG | City (SAP): BRIGHTON | County/Parish: Weld | State: Colorado |
| Legal Description: | | | |
| Lat: | | Long: | |
| Contractor: WORKOVER | | Rig/Platform Name/Num: WORKOVER | |
| Job Purpose: Recement Service | | | Ticket Amount: |
| Well Type: Development Well | | Job Type: Recement Service | |
| Sales Person: GREGORY, JON | | Srvc Supervisor: BARRAS, JOSEPH | MBU ID Emp #: 405168 |

| Activity Description | Date/Time | Cht # | Rate bbl/min | Volume bbl | | Pressure psig | | Comments |
|--|------------------|-------|--------------|------------|-------|---------------|--------|--|
| | | | | Stage | Total | Tubing | Casing | |
| Arrive at Location from Service Center | 01/03/2014 10:00 | | | | | | | |
| Rig-Up Equipment | 01/03/2014 10:30 | | | | | | | |
| Rig-Up Completed | 01/03/2014 11:30 | | | | | | | |
| Safety Meeting - Pre Job | 01/03/2014 13:00 | | | | | | | with HES and rig cew |
| Start Job | 01/03/2014 13:26 | | | | | | | |
| Test Lines | 01/03/2014 13:27 | | | | | | | test lines to 2500 psi no visibe leaks |
| Circulate Well | 01/03/2014 13:29 | | 2.5 | 9 | | | 3.0 | water |
| Pump Spacer 1 | 01/03/2014 13:36 | | 2.5 | 5 | | | 4.0 | gel sweep |
| Pump Cement | 01/03/2014 13:38 | | 3 | 56 | | | 5.0 | |
| Pump Displacement | 01/03/2014 13:59 | | 1 | 4 | | | 32.0 | water from vac truck |
| Shutdown | 01/03/2014 14:03 | | | | | | 23.0 | shut in well |
| End Job | 01/03/2014 14:26 | | | | | | | |

4.0 Attachments

4.1 BILL BARRETT STATE RECEMENT-Custom Results.png



HALLIBURTON

BILL BARRETT CORPORATION E-BILL
 901010790
 BILL BARRETT STATE RECEMENT

3.1 Job Event Log

| Type | Seq. No. | Activity | Graph Label | Date | Time | Source | Recirc Density (ppg) | DH Density (ppg) | PS Pump Press (psi) | Comb Pump Rate (bbt/min) | Pump Stg Tot (bbt) | Comment |
|-------|----------|-------------------|-------------------|----------|----------|--------|----------------------|------------------|---------------------|--------------------------|--------------------|---------|
| Event | 1 | Start Job | Start Job | 1/3/2014 | 13:26:03 | COM5 | 8.60 | 8.41 | 19.00 | 0.00 | 9.8 | |
| Event | 2 | Test Lines | Test Lines | 1/3/2014 | 13:27:38 | COM5 | 8.30 | 7.89 | 18.00 | 0.00 | 10.4 | |
| Event | 3 | Pump Spacer 1 | Pump Spacer 1 | 1/3/2014 | 13:29:28 | COM5 | 8.30 | 8.41 | 6.00 | 0.00 | 0.0 | |
| Event | 4 | Pump Spacer 2 | Pump Spacer 2 | 1/3/2014 | 13:56:23 | COM5 | 11.29 | 8.37 | 7.00 | 2.40 | 0.0 | |
| Event | 5 | Pump Cement | Pump Cement | 1/3/2014 | 13:58:30 | COM5 | 12.05 | 8.43 | -5.00 | 2.40 | 0.0 | |
| Event | 6 | Pump Displacement | Pump Displacement | 1/3/2014 | 13:59:35 | COM5 | 16.14 | 15.84 | 11.00 | 1.20 | 0.0 | |
| Event | 7 | Shutdown | Shutdown | 1/3/2014 | 14:03:08 | COM5 | 16.63 | 8.18 | 23.00 | 0.00 | 3.9 | |
| Event | 8 | End Job | End Job | 1/3/2014 | 14:05:26 | COM5 | 16.48 | 8.39 | 5.00 | 0.00 | 3.9 | |