

| 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 | ClayFix III Water Spacer | | 10.00 | bbl | 8.33 | .0 | .0 | 2.0 | |
| 2 | MUD FLUSH III | MUD FLUSH III - SBM (528788) | 12.00 | bbl | 8.4 | .0 | .0 | 2.0 | |
| 3 | CalyFix III Water Spacer | | 10.00 | bbl | 8.33 | .0 | .0 | 2.0 | |
| 59,525 gal/Mgal | | | | | | | | | |
| 4 | Surface Varicem B1 12# | CLAYFIX 3, TOTETANK (101583425) VARICEM (TM) CEMENT (452009) | 263.0 | sacks | 12. | 2.18 | 12.34 | 2.0 | 12.34 |
| 12.34 Gal | | | | | | | | | |
| 5 | Surface Varicem 13# | FRESH WATER VARICEM (TM) CEMENT (452009) | 307.0 | sacks | 13. | 1.74 | 8.95 | 2.0 | 8.95 |
| 8.95 Gal | | | | | | | | | |
| FRESH WATER | | | | | | | | | |
| Calculated Values | | | Pressures | | | Volumes | | | |
| Displacement | | Shut In: Instant | Lost Returns | | Cement Slurry | | | Pad | |
| Top Of Cement | | 5 Min | Cement Returns | 8bbl | 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 | ID | ID |

The Information Stated Herein Is Correct

Customer Representative Signature

The Road to Excellence Starts with Safety

| | | | |
|--|---|-------------------------|------------------------|
| Sold To #: 304535 | Ship To #: 2853236 | Quote #: | Sales Order #: 8163260 |
| Customer: PDC ENERGY EBUS | Customer Rep: | | |
| Well Name: Wells Ranch | Well #: 23-34 | API/UWI #: 05-123-20972 | |
| Field: Wattenberg | City (SAP): KERSEY | County/Parish: Weld | State: Colorado |
| Legal Description: | | | |
| Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs. | Long: E 0 deg. OR E 0 deg. 0 min. 0 secs. | | |
| Contractor: | Rig/Platform Name/Num: | | |
| Job Purpose: Recement Service | Ticket Amount: | | |
| Well Type: Development Well | Job Type: Recement Service | | |
| Sales Person: FLING, MATTHEW | Srvc Supervisor: SIPNEFSKI, ROBERT | MBU ID Emp #: 419391 | |

| Activity Description | Date/Time | Cht # | Rate bbl/min | Volume bbl | | Pressure psig | | Comments | |
|--|------------------|-------|--------------|------------|-------|---------------|--------|--|----------|
| | | | | Stage | Total | Tubing | Casing | | |
| Arrive at Location from Service Center | 05/10/2011 07:00 | | | | | | | | |
| Rig-Up Equipment | 05/10/2011 07:15 | | | | | | | HELD PRE-RIG UP SAFETY MEETING TO ASSESS LOCATION. | |
| Safety Meeting | 05/10/2011 07:45 | | | | | | | HELD SAFETY MEETING WITH ALL 3RD PARTY PERSONNEL. | |
| Start Job | 05/10/2011 08:14 | | | | | | | | |
| Test Lines | 05/10/2011 08:14 | | | | | | | CUSTOMER REQUEST MAX PSI 2500. TESTED LINES TO 3500 PSI | |
| Pump Spacer 1 | 05/10/2011 08:17 | | 2 | 10 | | 1436.0 | | PUMPED 10 BBLs OF CLAYFIX WATER. | |
| Pump Spacer 2 | 05/10/2011 08:23 | | 2 | 12 | | 1438.0 | | PUMPED 12 BBLs OF MUDFLUSH III MIXED WITH WATER SUPPLIED BY CUSTOMER. | |
| Pump Spacer 1 | 05/10/2011 08:28 | | 2 | 10 | | 1457.0 | | PUMPED 10 BBLs OF CLAYFIX WATER. | |
| Pump Cement | 05/10/2011 08:34 | | 2 | 101 | | 1342.0 | | PUMPED 260 SKS OF SURFACE VARICEM @ 12PPG MIXED WITH WATER SUPPLIED BY CUSTOMER. | |
| Pump Displacement | 05/10/2011 09:21 | | 2 | 1.5 | | 1124.0 | | PUMPED 1.5 BBLs OF WATER SUPPLIED BY CUSTOMER. | |
| Activity Description | Date/Time | Cht # | Rate bbl/min | Volume bbl | Stage | Total | Tubing | Casing | Comments |

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Quote #:

Sales Order #: 8163260

Cementing Job Log

| | | | | | | | | | | | | | | | | | | | | |
|---|---------------------|---|----|--|--|--|--|-------|--|--|--|--|--|--|--|--|--|--|--|--|
| Pause | 05/10/2011 09:25 | | | | | | | | | | | | | | | | | | | |
| Pump Cement | 05/10/2011 10:00 | 2 | 54 | | | | | 467.0 | | | | | | | | | | | | RIG CREW PULLING 52 STANDS TO PREPARE FOR 2ND STAGE. |
| Pump Displacement | 05/10/2011 10:55 | 2 | 1 | | | | | 555.0 | | | | | | | | | | | | PUMPED 174 SKS OF SURFACE VARICEM @ 13PPG MIXED WITH WATER SUPPLIED BY CUSTOMER. |
| End Job | 05/10/2011 11:01 | | | | | | | | | | | | | | | | | | | PUMPED 1 BBL OF WATER SUPPLIED BY CUSTOMER. |
| Rig-Down Equipment | 05/10/2011 11:15 | | | | | | | | | | | | | | | | | | | HELD PRE-RIG DOWN SAFETY MEETING. AND PREPARED FOR RETURN TRIP BACK TO SERVICE CENTER. |
| Depart Location for Service Center or Other Site | 05/10/2011 12:00 | | | | | | | | | | | | | | | | | | | |

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