

CEMENTER'S WELL SERVICE, INC.
P.O. BOX 336220 • GREELEY, CO 80633 • (970) 353-7299 • FAX (970) 353-7712

OUR INVOICE

201151

| | | | |
|---|---------------------------------|---------------------------------|----------------------------------|
| Date <u>1/9/13</u> | Well Owner <u>Great Western</u> | Well No. <u>30-400</u> | Lease <u>Peter's Cx BH</u> |
| County <u>Weld</u> | State <u>Colorado</u> | Field | |
| Charge to <u>CADE Drilling, LLC</u> | Charge Code | | For Office Use Only |
| Address <u>3400 WILCOX #2 (CADE 25)</u> | | | |
| City, State <u>FT. Lupton, Colorado 80621</u> | | | |
| Pump Truck No. <u>1208</u> | Code | Bulk Truck No. <u>1216/1217</u> | Code |
| Type of Job | Depth | Ft. <u>654</u> | To |
| Surface <u>8 5/8" 150-24"</u> | Bottom of Surface | Ft. <u>646</u> | To |
| Plug | Plug Landed @ <u>604</u> | Ft. | Time On <u>1830</u> |
| Production | Pipe Landed @ <u>646</u> | Ft. | Time Off <u>Plug Down @ 2115</u> |

| Reference No. | Description | Qty. | Meas. | Unit Price | Amount | | |
|---------------|---------------------------------------|---|----------|------------|---------|-------|---------------|
| | Pump Truck Charge | | | | | | |
| | Cement Neat ✓ 100% EXCESS | 450 | SKS | | | | |
| | Poz. Mix | | | | | | |
| | Calcium Chloride | 3% | | | | | |
| | Gel % Flo-Cele 1/4 #Per Sack | | | | | | |
| | Handling Charge | | | | | | |
| | Hauling Charge | | | | | | |
| | Additional Cement | 40 | SKS | | | | |
| 8 5/8" | Centralizers | 3 | | | | | |
| | Cement Basket | 1 | | | | | |
| | Guide Shoe | 1 | | | | | |
| | Baffle Plate | 1 | | | | | |
| | Box & head lock | 1 | | | | | |
| | Mix Rate 4 BPM | Slurry Vol - 1.18 FT ³ /SK - water Temp - 57°F | | | | | |
| | Disp Rate 5 BPM | Slurry wt 15.2 PPG | | | | | |
| | Plug landed @ 250 PSI | Total Slurry Vol - 102.9 BBL Cement | | | | | |
| Remarks | Pre-Flush w/ 20 BBL H ₂ O | Tax Reference Code | | Sub Total | | | |
| | Displace w/ 38.4 BBL H ₂ O | State CO 24 % | | Tax | | | |
| | Circulate 4 BBL Cement | Disc. | | Total | | | |
| Truck No. | Code | State Mileage | Nebraska | Colorado | Wyoming | Other | Total Mileage |
| 1208 | | Pump Truck | | 28 | | | |
| 1216/1217 | | Bulk Truck | | 28/28 | | | |

We do not assume any responsibility for any damage or conditions resulting from our services. All pricing is subject to review and revision.

Delivered By Justin, Josh & Eric

Received By

Customer or His Agent

CEMENT JOB REPORT



| | | | | | | | |
|---|--------------------------------------|---|---|---|---|---|--|
| CUSTOMER GREAT WESTERN OIL & GAS | | DATE 12-JAN-13 | F.R. # 1001958693 | | SERV. SUPV. CHRISTOPHER M MCKEON | | |
| LEASE & WELL NAME PETERSON CX GH #30-40D - API 05123361520000 | | LOCATION 30-5N-63W | | COUNTY-PARISH-BLOCK Weld Colorado | | | |
| DISTRICT Brighton | | DRILLING CONTRACTOR RIG # CADE 25 | | TYPE OF JOB Long String | | | |
| SIZE & TYPE OF PLUGS | LIST-CSG-HARDWARE | MECHANICAL BARRIERS | | MD | TVD | HANGER TYPES MD TVD | |
| Cement Plug, Rubber, Top 4-1/2 In | Centralizer, with Pins, 4-1/2 In | | | | | | |
| | Cement Basket, Slip On, 4-1/2 In | | | | | | |
| | Float Collar, Auto Fill, 4-1/2 - 8rd | | | | | | |
| | Float Shoe 4-1/2 - 8rd | | | | | | |
| MATERIALS FURNISHED BY BJ | | LAB REPORT NO. | PHYSICAL SLURRY PROPERTIES | | | | |
| | | | SACKS OF CEMENT | SLURRY WGT PPG | SLURRY YLD FT3 | WATER GPS | |
| Treated Water | | | 0 | 8.34 | 0 | 0 00:00 | |
| 50:50G:Poz+.4CD32+.3CD32+.1SMS+20SF | | C0105413 | 280 | 14.6 | 1.38 | 5.90 04:45 | |
| Treated Water | | | 0 | 8.34 | 0 | 0 00:00 | |
| Mud Clean II | | | 0 | 8.5 | 0 | 0 00:00 | |
| Treated Water | | | 0 | 8.34 | 0 | 0 00:00 | |
| PLC+4%Gel+.6%SMS+8#/skCSE2 | | C0105413 | 260 | 11 | 3.22 | 19.88 10:00 | |
| Available Mix Water 400 Bbl. | | Available Displ. Fluid 400 Bbl. | TOTAL | | 391.9 | 162.38 | |
| HOLE | | TBG-CSG-D.P. | | | COLLAR DEPTHS | | |
| SIZE | % EXCESS | DEPTH | ID | OD | WGT. | TYPE | |
| 7.875 | 20 | 7350 | 4 | 4.5 | 11.6 | CSG | |
| | | | MD | TVD | GRADE | SHOE | |
| | | | 7327 | 7327 | N-80 | 7327 | |
| | | | PI OAT | STAGE | | | |
| | | | 7313 | | | | |
| LAST CASING | | PKR-CMT RET-BR PL-LINER | | PERF DEPTH | | TOP CONN | |
| ID | OD | WGT | TYPE | MD | TVD | BRAND & TYPE | |
| 8.1 | 8.63 | 24 | CSG | 601 | 601 | No packer | |
| | | | DEPTH | TOP | BTM | SIZE | |
| | | | 0 | 0 | 0 | 4.5 | |
| | | | THREAD | TYPE | WGT. | | |
| | | | 8RD | WATER BASED | 9.3 | | |
| DISPL. VOLUME | | DISPL. FLUID | | CAL. PSI | CAL. MAX PSI | OP. MAX | |
| VOLUME | UOM | TYPE | WGT. | BUMP PLUG | TO REV. | SQ. PSI | |
| 114 | BBLS | Treated Water | 8.34 | 1020 | 0 | 0 | |
| | | | | MAX TBG PSI | MAX CSG PSI | MIX WATER | |
| | | | | 0 | 0 | Rig Tank | |
| Circulation Prior to Job | | | | | | | |
| Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/> | | | Circulation Time: 1 | | Circulation Rate: 7 BPM | | |
| Mud Density In: 9.3 LBS/GAL Mud Density Out: 9.3 LBS/GAL | | | PV & YP Mud In: 38 | | PV & YP Mud Out: 38 | | |
| Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> Units: | | | Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> | | | | |
| Displacement And Mud Removal | | | | | | | |
| Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/> | | | Amount Bled Back After Job: 1 BBLS | | | | |
| Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL | | | Method Used to Verify Returns: Visual | | | | |
| Cement Returns at Surface: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | | | Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES | | | | |
| Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE | | | | | | | |
| Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES | | | Quantity: 30 | | Type: <input checked="" type="checkbox"/> BOW <input type="checkbox"/> RIGID | | |
| Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD | | | | | | | |
| Plugs | | | | | | | |
| Number of Attempts by BJ: 0 | | | Competition: 0 | | Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES Quantity: | | |
| Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES | | | Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES | | | | |
| Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES | | | Top of Plug: 0 FT | | Bottom of Plug: 0 FT | | |
| Squeezes (Update Original Treatment Report for Primary Job) | | | | | | | |
| BLOCK SQUEEZE <input type="checkbox"/> | | SHOE SQUEEZE <input type="checkbox"/> | | TOP OF LINER SQUEEZE <input type="checkbox"/> | | PLANNED <input type="checkbox"/> UNPLANNED <input type="checkbox"/> | |
| Liner Packer: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES | | Bond Log: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES | | PSI Applied: 0 | | Fluid Weight: 0 LBS/GAL | |
| EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NA | | | | | | | |

CEMENT JOB REPORT



Casing Test (Update Original Treatment Report for Primary Job)

Casing Test Pressure: 0 PSI With 0 LBS/GAL Mud Time Held: 00 Hours 00 Minutes

Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: 0 FT Target EMW: 0 LBS/GAL Actual EMW: 0 LBS/GAL
Number of Times Tests Conducted: 0 Mud Weight When Test was Conducted: 0 LBS/GAL

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)
NA

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
NA

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)
NA

PRESSURE/RATE DETAIL

EXPLANATION

| TIME HR:MIN. | PRESSURE - PSI | | RATE BPM | Bbl. FLUID PUMPED | FLUID TYPE | SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/> | | | |
|-----------------|----------------|---------|-------------|----------------------|---------------|--|-------------------------------------|----|--------------------------|
| | PIPE | ANNULUS | | | | TEST LINES | 5170 PSI | | |
| | | | | | | CIRCULATING WELL - RIG | <input checked="" type="checkbox"/> | BJ | <input type="checkbox"/> |
| 15:00 | 0 | 0 | 0 | 0 | NA | Arrive location | | | |
| 15:05 | 0 | 0 | 0 | 0 | NA | Spot trucks | | | |
| 15:10 | 0 | 0 | 0 | 0 | NA | Rig up safety meeting | | | |
| 16:00 | 0 | 0 | 0 | 0 | NA | Pre job safety meeting | | | |
| 16:16 | 1326 | 0 | 0 | 0 | H2O | Low pressure test | | | |
| 16:17 | 5170 | 0 | 0 | 0 | H2O | High pressure test | | | |
| 16:18 | 513 | 0 | 7.2 | 20 | H2O | ClayCare | | | |
| 16:22 | 560 | 0 | 7.2 | 20 | H2O | Mud Clean II | | | |
| 16:25 | 576 | 0 | 7.2 | 20 | H2O | ClayCare | | | |
| 16:28 | 224 | 0 | 7.3 | 144 | CMT | Batch up, weigh and pump 260 sx. PLC @ 11.0 ppg. | | | |
| 16:48 | 257 | 0 | 5 | 66 | CMT | Batch up, weigh and pump 280 sx.50/50 (Poz) Class G Cement @ 14.6 ppg. | | | |
| 17:05 | 0 | 0 | 0 | 0 | NA | Drop plug/ wash up | | | |
| 17:10 | 585 | 0 | 7.2 | 80 | H2O | Start ClayCare Displacement | | | |
| 17:21 | 986 | 0 | 6 | 20 | H2O | Rate change | | | |
| 17:25 | 1033 | 0 | 4.8 | 5 | H2O | Rate change | | | |
| 17:26 | 1222 | 0 | 3.6 | 9 | H2O | Rate change | | | |
| 17:28 | 1286 | 0 | 3.6 | 114 | H2O | Bump plug | | | |
| 17:30 | 2526 | 0 | 0 | 0 | NA | Plug down/ Check floats | | | |
| 17:35 | 0 | 0 | 0 | 0 | NA | Rig down safety meeting | | | |

| BUMPED PLUG | PSI TO BUMP PLUG | TEST FLOAT EQUIP. | BBL.CMT RETURNS/ REVERSED | TOTAL BBL. PUMPED | PSI LEFT ON CSG | SPOT TOP OUT CEMENT | Service Supervisor Signature: |
|--|------------------------|--|---------------------------------|-------------------------|-----------------------|--|-------------------------------|
| <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | 1286 | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | 0 | 384 | 0 | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | |



FIELD RECEIPT NO. 1001958693

| CUSTOMER GREAT WESTERN OIL & GAS | | CREDIT APPROVAL NO. | | PURCHASE ORDER NO. | | CUSTOMER NUMBER 20013943 - 00229286 | | INVOICE NUMBER | |
|---|--|--|------------------------------|--------------------------------|--------------|--|------------|----------------|--|
| MAIL INVOICE TO : 2005 HOWARD SMITH AVE EAST | | CITY Windsor | | STATE Colorado | | ZIP CODE 80550 | | | |
| DATE WORK MO. DAY YEAR COMPLETED 01 12 2013 | | BHI REPRESENTATIVE CHRISTOPHER M MCKEON | | WELL API NO: 05123361520000 | | WELL TYPE : New Well | | | |
| DISTRICT BJS, BRIGHTON | | | | JOB DEPTH (ft) 7,327 | | WELL CLASS : Gas | | | |
| WELL NAME AND NUMBER PETERSON CX GH #30-40D | | TD WELL DEPTH (ft) 7,350 | | GAS USED ON JOB : No Gas | | | | | |
| WELL LOCATION : 30-5N-63W | | LEGAL DESCRIPTION Weld | | COUNTY/PARISH Colorado | | JOB TYPE CODE : Long String | | | |
| PRODUCT CODE | DESCRIPTION | UNIT OF MEASURE | QUANTITY | LIST PRICE UNIT | GROSS AMOUNT | % DISC. | NET AMOUNT | | |
| A152 M100 | Personnel Per Diem Chrg - Cement Svc Bulk Materials Blending Charge | ea cu ft | 1 703 | | | | | | |
| SUB-TOTAL FOR Service Charges | | | | | | | | | |
| F067A F090 J050 J225 J390 J391 | Cement Pumping, 7001 - 8000 ft Fuel per pump charge - cement Cement Head Data Acquisition, Cement, Standard Mileage, Heavy Vehicle Mileage, Auto, Pick-Up or Treating Van | Sfhrs pump/hr job job miles miles | 1 4 1 1 88 88 | | | | | | |
| SUB-TOTAL FOR Equipment | | | | | | | | | |
| J401 | Bulk Delivery, Dry Products | ton-mi | 1204 | | | | | | |
| SUB-TOTAL FOR Freight/Delivery Charges | | | | | | | | | |
| FIELD ESTIMATE | | | | | | | | | |
| ARRIVE MO. DAY YEAR TIME LOCATION : 01 12 2013 15:00 | | SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER. | | | | | | | |
| CUSTOMER REP. Shawn Armstrong | | CUSTOMER AUTHORIZED AGENT X | | | | | | | |
| SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS | | BHI APPROVED X | | | | | | | |



FIELD RECEIPT NO. 1001958693

| | | | | | | | | | | | |
|---|---------------------------------------|-----------|-----------|--|--|--------------------|--------------------------------|--|-------------------------------|----------------|--|
| CUSTOMER GREAT WESTERN OIL & GAS | | | | CREDIT APPROVAL NO. | | PURCHASE ORDER NO. | | CUSTOMER NUMBER 20013943 - 00229266 | | INVOICE NUMBER | |
| MAIL INVOICE TO: STREET OR BOX NUMBER 2005 HOWARD SMITH AVE EAST | | | | CITY Windsor | | STATE Colorado | | ZIP CODE 80550 | | | |
| DATE WORK COMPLETED | | MO. 01 | DAY 12 | YEAR 2013 | BHI REPRESENTATIVE CHRISTOPHER MCKEON | | WELL API NO: 05123361520000 | | WELL TYPE: New Well | | |
| DISTRICT BJS, BRIGHTON | | | | | JOB DEPTH (ft) 7,327 | | WELL CLASS: Gas | | | | |
| WELL NAME AND NUMBER PETERSON CX GH #30-40D | | | | | TD WELL DEPTH (ft) 7,350 | | GAS USED ON JOB: No Gas | | | | |
| WELL LOCATION: LEGAL DESCRIPTION 30-5N-63W | | | | | COUNTY/PARISH Weld | | STATE Colorado | | JOB TYPE CODE: Long String | | |
| PRODUCT CODE | DESCRIPTION | | | | UNIT OF MEASURE | QUANTITY | PRICE UNIT | GROSS AMOUNT | % DISC. | NET AMOUNT | |
| 100021 | Class G Cement | | | | sacks | 140 | | | | | |
| 100112 | Calcium Chloride | | | | lbs | 250 | | | | | |
| 100120 | Bentonite | | | | lbs | 905 | | | | | |
| 100121 | Silica Flour | | | | lbs | 4704 | | | | | |
| 100275 | Sodium Metasilicate | | | | lbs | 160 | | | | | |
| 100317 | Poz (Fly Ash) | | | | sacks | 140 | | | | | |
| 100404 | Sodium Chloride | | | | lbs | 150 | | | | | |
| 398108 | Mud Clean II | | | | gals | 840 | | | | | |
| 398224 | Premium Lite Cement | | | | sacks | 260 | | | | | |
| 488013 | CD-32 | | | | lbs | 71 | | | | | |
| 488015 | FL-52 | | | | lbs | 95 | | | | | |
| 488019 | FP-6L | | | | gals | 5 | | | | | |
| 488353 | CSE-2 | | | | lbs | 2080 | | | | | |
| 499702 | ClayCare, Clay Treat-2C, 260 gal tote | | | | gals | 8 | | | | | |
| SUB-TOTAL FOR Product Material | | | | | | | | | | | |
| ARRIVE LOCATION: | | | | MO. 01 | DAY 12 | YEAR 2013 | TIME 15:00 | | | | |
| CUSTOMER REP. Shawn Armstrong | | | | SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER. | | | | | | | |
| SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS | | | | CUSTOMER AUTHORIZED AGENT | | | | | | | |
| | | | | X CUSTOMER AUTHORIZED AGENT | | | | | | | |
| | | | | X BHI APPROVED | | | | | | | |

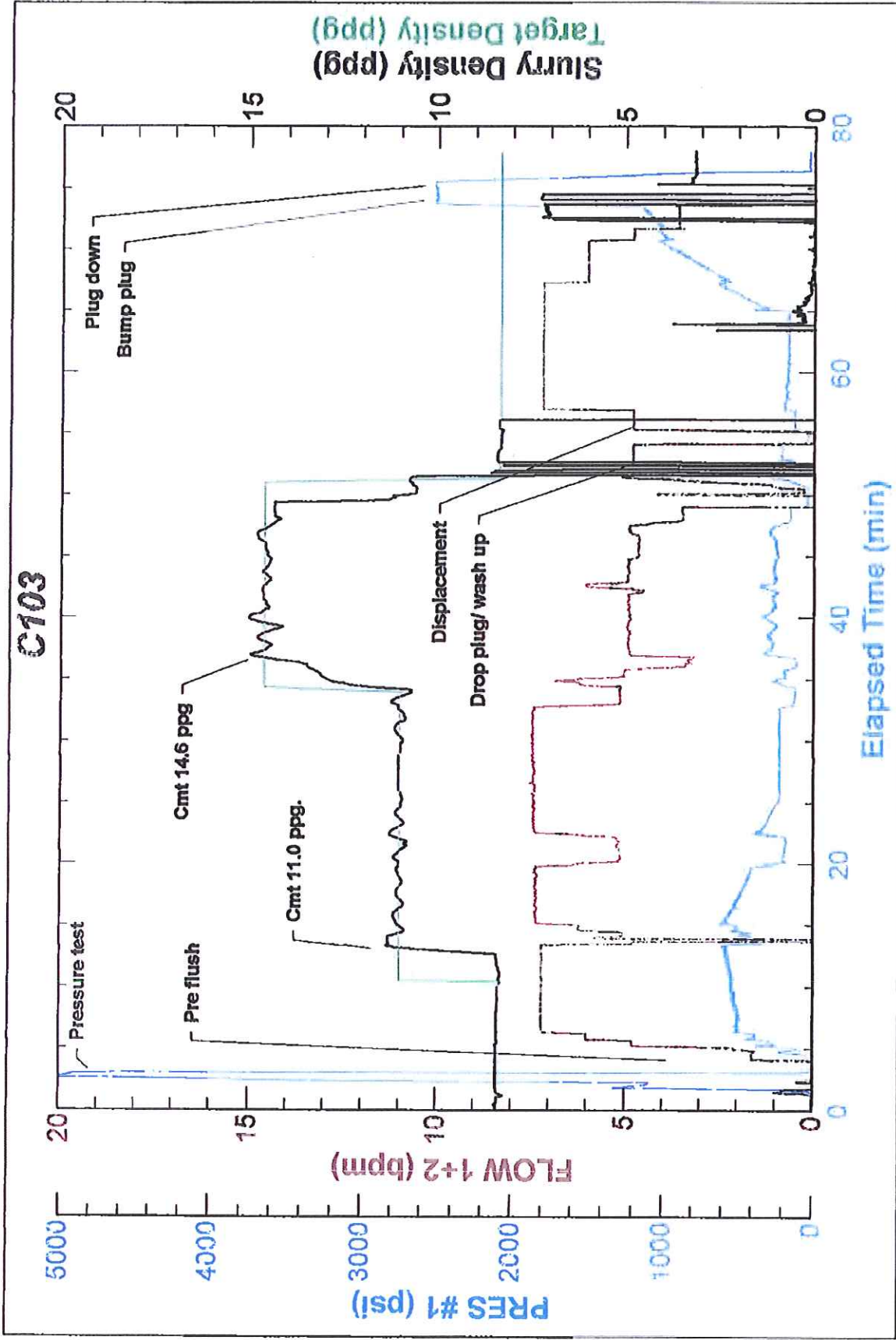


Baker Hughes JobMaster Program Version 3.60

Job Number: 1001958693

Customer: Great Western

Well Name: Peterson CX-GH-30-40D



Baker Hughes

Job Start: Saturday, January 12, 2013