



# CEMENT JOB REPORT

|  |                |                                  |          |                                      |                |   |                           |
|--|----------------|----------------------------------|----------|--------------------------------------|----------------|---|---------------------------|
| CUSTOMER Prima Oil & Gas   |                | DATE 01-MAY-03                   |          | F.R. # 225122582                     |                | SERV. SUPV. JASON L LOVE  |                           |
| LEASE & WELL NAME<br>ULRICH 21-2 - API 05123130340000                    |                | LOCATION<br>SEC 21 - 4 N - 65 W  |          | COUNTY-PARISH-BLOCK<br>Weld Colorado |                |   |                           |
| DISTRICT<br>Brighton   |                | DRILLING CONTRACTOR RIG #<br>W/O |          | TYPE OF JOB<br>Squeeze-Top           |                |   |                           |
| SIZE & TYPE OF PLUGS   |                | LIST-CSG-HARDWARE                |          | PHYSICAL SLURRY PROPERTIES           |                |   |                           |
|  |                | No Shoe                          |          | SACKS OF CEMENT                      | SLURRY WGT PPG | SLURRY YLD FT <sup>3</sup>  | WATER GPS                 |
|  |                |                                  |          | PUMP TIME HR:MIN                     | Bbl SLURRY     | Bbl MIX WATER   |                           |
| MATERIALS FURNISHED BY BJ  |                |                                  |          |                                      |                |   |                           |
| FRESH H2O  |                |                                  |          |                                      | 8.34           |   | 30                        |
| Fresh H2O  |                |                                  |          |                                      | 8.34           |   | 5                         |
| Premium Lite Cement  |                |                                  |          | 600                                  | 10.5           | 3.98  | 25.59 04:00 425.26 365.61 |
| "G" NEAT   |                |                                  |          | 150                                  | 15.8           | 1.15  | 5.00 01:30 30.67 17.85    |
| Available Mix Water 500 Bbl. Available Displ. Fluid 2615 Bbl.            |                |                                  |          | TOTAL                                |                | 490.93  | 383.46                    |
| HOLE   |                | TBG-CSG-D.P.                     |          |                                      |                | COLLAR DEPTHS   |                           |
| SIZE   | % EXCESS       | DEPTH                            | SIZE     | WGT.                                 | TYPE           | DEPTH   | GRADE                     |
| 10   |                | 6300                             | 4.5      | 12.6                                 | CSG            | 6300  |                           |
|  |                |                                  | 1.66     | 3.02                                 | TBG            | 6317  |                           |
| LAST CASING  |                | PKR-CMT RET-BR PL-LINER          |          | PERF. DEPTH                          |                | TOP CONN  |                           |
| SIZE   | WGT            | TYPE                             | DEPTH    | BRAND & TYPE                         | DEPTH          | TOP   | BTM                       |
| 4.5  | 11.6           |                                  | 6300     | No packer                            | 0              | 0   | 0                         |
|  |                |                                  |          |                                      |                | SIZE  | THREAD                    |
|  |                |                                  |          |                                      |                | 1.25  | 8RD                       |
|  |                |                                  |          |                                      |                | WELL FLUID  |                           |
|  |                |                                  |          |                                      |                | TYPE  |                           |
|  |                |                                  |          |                                      |                | WATER BASED MUD   |                           |
|  |                |                                  |          |                                      |                | WGT.  |                           |
|  |                |                                  |          |                                      |                | 8.8   |                           |
| DISPL. VOLUME  |                | DISPL. FLUID                     |          | CAL. PSI                             |                | CAL. MAX PSI  |                           |
| VOLUME   | UOM            | TYPE                             | WGT.     | BUMP PLUG                            | TO REV.        | SQ. PSI   | RATED                     |
| 9.5  | BBLs           | Fresh H2O                        | 8.34     | 0                                    | 3000           | 0   | 14000                     |
|  |                |                                  |          |                                      |                | MAX TBG PSI   | MAX CSG PSI               |
|  |                |                                  |          |                                      |                | Operator  | Operator                  |
|  |                |                                  |          |                                      |                | 4000  | 6000                      |
|  |                |                                  |          |                                      |                | 4000  | 4000                      |
|  |                |                                  |          |                                      |                | MIX WATER   |                           |
|  |                |                                  |          |                                      |                | Frac tanks (6)  |                           |
| EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: |                |                                  |          |                                      |                |   |                           |
| 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 type="checkbox"/> |                           |
|  | PIPE           | ANNULUS                          |          |                                      |                | TEST LINES 5000 PSI   |                           |
|  |                |                                  |          |                                      |                | CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>        |                           |
| 09:20  |                |                                  |          |                                      |                | Safety meeting  |                           |
| 09:45  | 5000           | 0                                | 0        | 0                                    | H2O            | Start service: Pressure test all BJ iron  |                           |
| 09:50  | 2877           | 0                                | 1.95     | 20                                   | H2O            | Pump 20 barrels of water preflush   |                           |
| 10:04  | 2650           | 0                                | 1.9      | 40                                   | SLURRY         | Pump slurry at 10.5 ppg (PLC)   |                           |
| 10:30  | 2641           | 0                                | 1.67     | 20.7                                 | SLURRY         | Pump slurry at 15.8 ppg (G Neat)  |                           |
| 10:43  | 3143           | 0                                | 1.75     | 2                                    | H2O            | Follow cement with 2 barrels of water   |                           |
| 10:44  | 0              | 0                                | 0        | 0                                    | N/A            | Shut down; rig to pull tubing   |                           |
| 11:10  | 96             | 0                                | 1.9      | 100                                  | SLURRY         | Pump 100 barrels of slurry at 10.5 ppg (PLC)  |                           |
| 12:05  | 2684           | 0                                | 1.9      | 2                                    | H2O            | Follow cement with 2 barrels of water   |                           |
| 12:06  |                |                                  |          |                                      |                | Shut down; rig to pull tubing   |                           |
| 12:30  | 1979           | 0                                | 1.7      | 155                                  | SLURRY         | Pump 155 barrels of slurry at 10.5 ppg (PLC)  |                           |
| 13:48  | 2818           | 0                                | 2        | 2                                    | H2O            | Follow cement with 2 barrels of water   |                           |
| 13:49  |                |                                  |          |                                      |                | Shut down; rig to pull tubing   |                           |
| 14:26  | 1770           | 0                                | 1.7      | 28                                   | SLURRY         | Pump slurry at 10.5 ppg   |                           |
| 14:40  | 1376           | 0                                | 2        | 2                                    | H2O            | Displace cement out of tubing   |                           |
| 14:42  |                |                                  |          |                                      |                | Shut down; rig to pull tubing   |                           |
| 15:41  | 571            | 0                                | 2        | 38                                   | SLURRY         | Pump slurry at 13.5 ppg until cement reaches surface  |                           |
| 16:00  | 476            | 0                                | 2        | 1.5                                  | H2O            | Clear tubing; shut down; cement to surface  |                           |
| 16:01  |                |                                  |          |                                      |                | Relieve all pressure and rig down; stop service   |                           |