

Report Printed on: SEP-05-07 00:40:30

# CEMENT JOB REPORT



|                                                                               |                  |                                                                  |                           |                                        |                 |                                                                                               |                              |
|-------------------------------------------------------------------------------|------------------|------------------------------------------------------------------|---------------------------|----------------------------------------|-----------------|-----------------------------------------------------------------------------------------------|------------------------------|
| CUSTOMER Murchison Oil & Gas                                                  |                  | DATE 05-SEP-07                                                   |                           | F.R. # 420910749                       |                 | SERV. SUPV. LYLE D SPURLOCK JR                                                                |                              |
| LEASE & WELL NAME<br>BEAR DRAW ST COM 1 - API 30015356790000                  |                  | LOCATION                                                         |                           | COUNTY-PARISH-BLOCK<br>Eddy New Mexico |                 |                                                                                               |                              |
| DISTRICT<br>Artesia                                                           |                  | DRILLING CONTRACTOR RIG #<br>PATTERSON 510                       |                           | TYPE OF JOB<br>Misc Pump - Misc        |                 |                                                                                               |                              |
| SIZE & TYPE OF PLUGS                                                          |                  | LIST CSG HARDWARE                                                |                           | PHYSICAL SLURRY PROPERTIES             |                 |                                                                                               |                              |
|                                                                               |                  |                                                                  |                           | 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                                                     |                  |                                                                  |                           |                                        |                 |                                                                                               |                              |
| C+CACL2                                                                       |                  |                                                                  |                           | 178                                    | 14.8            | 1.32                                                                                          | 6.32                         |
| H2O                                                                           |                  |                                                                  |                           | 0                                      | 8.4             | 1                                                                                             | 0                            |
| Available Mix Water 1000 Bbl. Available Displ. Fluid 1000 Bbl.                |                  |                                                                  |                           | TOTAL                                  |                 | 42.5                                                                                          | 26.88                        |
| HOLE                                                                          |                  | TSG-CSG-D.P.                                                     |                           | COLLAR DEPTHS                          |                 |                                                                                               |                              |
| SIZE                                                                          | % EXCESS         | DEPTH                                                            | SIZE                      | WGT                                    | TYPE            | DEPTH                                                                                         | GRADE                        |
| 17.5                                                                          |                  | 119                                                              | 1.05                      | 1.5                                    | TBG             | 119                                                                                           | N-80                         |
| LAST CASING                                                                   |                  | PKR-CMT RET-BR PL-LINER                                          |                           | PERF. DEPTH                            |                 | TOP CONN                                                                                      |                              |
| SIZE                                                                          | WGT              | TYPE                                                             | DEPTH                     | BRAND & TYPE                           | DEPTH           | TOP                                                                                           | STM                          |
| 13.38                                                                         | 61               | CSG                                                              | 355                       | NO PACKER                              | 0               | 0                                                                                             | 0                            |
|                                                                               |                  |                                                                  |                           |                                        |                 | 11V FRESH WATER                                                                               |                              |
| DISPL. VOLUME                                                                 |                  | DISPL. FLUID                                                     |                           | CAL. PSI                               | CAL. MAX PSI    | OP. MAX                                                                                       | MAX TBG PSI                  |
| VOLUME                                                                        | UOM              | TYPE                                                             | WGT.                      | BUMP PLUG                              | TO REV.         | SQ. PSI                                                                                       | RATED                        |
| 0.5                                                                           | BBL              | H2O                                                              | 8.4                       | 0                                      | 0               | 0                                                                                             | 10000                        |
|                                                                               |                  |                                                                  |                           |                                        |                 | 8000                                                                                          |                              |
|                                                                               |                  |                                                                  |                           |                                        |                 | 0                                                                                             |                              |
|                                                                               |                  |                                                                  |                           |                                        |                 | 0                                                                                             |                              |
|                                                                               |                  |                                                                  |                           |                                        |                 | RIG                                                                                           |                              |
| EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE |                  |                                                                  |                           |                                        |                 |                                                                                               |                              |
| PRESSURE/RATE DETAIL                                                          |                  |                                                                  |                           | EXPLANATION                            |                 |                                                                                               |                              |
| TIME HR:MIN.                                                                  | PRESSURE - PSI   |                                                                  | RATE BPM                  | BH. FLUID PUMPED                       | FLUID TYPE      | SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input type="checkbox"/> |                              |
|                                                                               | PIPE             | ANNULUS                                                          |                           |                                        |                 | TEST LINES 2000 PSI                                                                           |                              |
|                                                                               |                  |                                                                  |                           |                                        |                 | CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>        |                              |
| 07:45                                                                         |                  |                                                                  |                           |                                        |                 | SAFETY MEETING                                                                                |                              |
| 07:53                                                                         | 240              | 0                                                                | 2.4                       | 1                                      | H2O             | SPACER                                                                                        |                              |
| 07:55                                                                         | 577              | 0                                                                | 2.4                       | 42                                     | CMT             | CEMENT                                                                                        |                              |
| 08:13                                                                         | 0                | 0                                                                | 0                         | 0                                      | CMT             | SHUT DOWN CIRCULATED 5 SACKS                                                                  |                              |
| THANK YOU DUANE AND CREW                                                      |                  |                                                                  |                           |                                        |                 |                                                                                               |                              |
| 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 |
| Y <input type="checkbox"/> N <input checked="" type="checkbox"/>              |                  | Y <input type="checkbox"/> N <input checked="" type="checkbox"/> | 1                         | 43                                     | 0               | Y <input type="checkbox"/> N <input checked="" type="checkbox"/>                              |                              |