



**RIFFIN & ASSOCIATES, INC.**  
1414 ELK ST., ROCK SPRINGS, WY 82901

(307) 362-5028

DRAWN: 12/17/10 - MMM

SCALE: 1" = 500'

REVISED: NA

DRG JOB No. 18202

EXHIBIT 4A

### HYDROLOGY MAP

**CHESAPEAKE ENERGY, LLC.**  
**GIRARD 2-63 11 1H**  
**SECTION 11, T2N, R63W**

PROPOSED ACCESS - - - - -

EXISTING ROAD —————