

PRIMEENERGY CORP  
Form 10-Q  
August 09, 2007  
EXHIBIT 32.1

CERTIFICATION PURSUANT TO  
18 U.S.C. SECTION 1350,  
AS ADOPTED PURSUANT TO  
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002

In connection with the Quarterly Report of PrimeEnergy Corporation (the "Company") on Form 10-Q for the period ending June 30, 2007, as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Charles E. Drimal Jr., Chief Executive Officer of PrimeEnergy Corporation, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:

- (1) The Report fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
- (2) The information contained in the Report fairly presents, in all material respects, the financial condition and result of operations of the Company.

/s/ Charles E. Drimal Jr.

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Chief Executive Officer

August 9, 2007

EXHIBIT 32.2

CERTIFICATION PURSUANT TO  
18 U.S.C. SECTION 1350,  
AS ADOPTED PURSUANT TO  
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002

In connection with the Quarterly Report of PrimeEnergy Corporation (the "Company") on Form 10-Q for the period ending June 30, 2007, as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Beverly A. Cummings, Chief Financial Officer of PrimeEnergy Corporation, certify, pursuant to 18 U.S.C. Section

1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:

- (1) The Report fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
- (2) The information contained in the Report fairly presents, in all material respects, the financial condition and result of operations of the Corporation.

/s/ Beverly A. Cummings

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Chief Financial Officer

August 9, 2007