Appendix I

The following figures show gamma ray or density logs (where available), canister positions, and canister numbers for core holes in this report.
Core Hole 1. Gamma Ray (Natural), canister position, and canister label for the MichiWest Energy, Inc., Pilot State 16-14 core hole showing the Big George coal bed.
Core Hole 2. Gamma Ray (Natural), canister position, and canister label for the MichiWest Energy Inc. Pilot State 16-32 core hole showing the Big George coal bed.
Core Hole 3. Gamma Ray (Natural), canister position, and canister label for the Ocean Energy Inc., Schlautmann 9-10-45-74WY (Ocean43-10C) core hole showing the Anderson coal bed.
Core Hole 4A. Gamma Ray (Natural), canister position, and canister label for the Pennaco Energy Inc. Sorenson 2-33-54-75W core hole showing the Cook coal bed.
Core Hole 4B. Gamma Ray (Natural), canister position, and canister label for the Pennaco Energy Inc. Sorenson 2-33-54-75W core hole showing the Wall coal bed.
Core Hole 5A. Gamma Ray (Natural), canister position, and canister label for the Barrett Resources Corporation, Haas 32-31 core hole showing the Big George coal bed.
Core Hole 5B. Gamma Ray (Natural), canister position, and canister label for the Barrett Resources Corporation, Haas 32-31 core hole showing the Wyodak coal bed.
CMS Oil and Gas Company
West 6-19W

Core Hole 6A. Gamma Ray (Natural), canister position, and canister label for the CMS Oil and Gas Company, West 6-19W core hole showing the Canyon coal bed.
Core Hole 6B. Gamma Ray (Natural), canister position, and canister label for the CMS Oil and Gas Company, West 6-19W core hole showing the Cook coal bed.
Core Hole 6C. Gamma Ray (Natural), canister position, and canister label for the CMS Oil and Gas Company, West 6-19W core hole showing the Wall coal bed.
Core Hole 7. No E-log available. Canister position and canister label for the Gregory Water and Energy, Inc., Leroy Gregory 1 core hole showing unnamed Fort Union coal beds.
Core Hole 8A. Gamma Ray (Natural), canister position, and canister label for the CMS Oil and Gas Company, Laramore 11-6C core hole showing the Smith coal bed.
Core Hole 8B. Gamma Ray (Natural), canister position, and canister label for the CMs Oil and Gas Company Laramore 11-6C core hole showing the Anderson coal bed.
Core Hole 8C. Gamma Ray (Natural), canister position, and canister label for the CMS Oil and Gas Company Laramore 11-6C core hole showing the Canyon coal bed.
Core Hole 8D. Gamma Ray (Natural), canister position, and canister label for the CMS Oil and Gas Company Laramore 11-6AC core hole showing the Cook coal bed.
Core Hole 9. Gamma Ray (Natural), canister position, and canister label for the Kennecott Energy, Kennecott CBM1 core hole showing the Wyodak coal bed.
Core Hole 10. Gamma Ray (Natural), canister position, and canister label for the Kennecott Energy Company, Kennecott CBM 2 core hole showing the Wyodak coal bed.
Core Hole 11A. Gamma Ray, canister position, and canister label for the Barrett Resources Corporation CARU State 22-16-5074W core hole showing the Big George coal bed.
Core Hole 11B. Gamma Ray, canister position, and canister label for the Barrett Resources Corporation CARU State 22-16-5074W core hole showing the Werner coal bed.
Core Hole 12. Gamma Ray, canister position, and canister label for the Barrett Resources Corporation Schoonover Road Unit State 12-16-4876 core hole showing the Big George coal bed.
Core Hole 13. Gamma Ray (Natural), canister position, and canister label for the Rim Operating, Inc., CBM H 11-04 core hole showing the Wyodak coal bed.
Core Hole 14. Gamma Ray (Natural), canister position, and canister label for the Rim Operating, Inc., CBM C 33-1 core hole showing the Wyodak coal bed.
Core Hole 15. Gamma Ray (Natural), canister position, and canister label for the Peabody Natural Gas, LLC., PNG 34-1 core hole showing the Wyodak coal bed.
Core Hole 16. Gamma Ray (Natural), canister position, and canister label for the Peabody Natural Gas, LLC., PNG 33-1 core hole showing the Wyodak coal bed.
Core Hole 17. Gamma Ray (Natural), canister position, and canister label for the Peabody Natural Gas, LLC., PNG 31-1 core hole showing the Wyodak coal bed.
Core Hole 18. Gamma Ray (Natural), canister position, and canister label for the Peabody Natural Gas, LLC., PNG 35-1 core hole showing the Wyodak coal bed.
Core Hole 19. Gamma Ray (Natural), canister position, and canister label for the Barrett Resources Corporation, All Night Creek Unit Iberlin 21-33-4374 core hole showing the Big George coal bed.
Core Hole 20. No log available, canister position, and canister label for the Peabody Natural Gas, LLC., PNG 16-2 core hole showing the Wyodak coal bed.
Core Hole 21A. Gamma Ray (Natural), canister position, and canister label for the Coteau Coal Mining Properties core hole MC00250C showing a Fort Union Formation coal bed.
Core Hole 21B. Gamma Ray (Natural), canister position, and canister label for the Coteau Coal Mining Properties core hole MC00250C showing the Fort Union Formation coal beds.
Core Hole 22. Gamma Ray (Natural), canister position, and canister label for The Coteau Properties Co. core hole showing an unnamed Fort Union Formation coal bed.
Ammonite Energy Texas, Inc.
Thomas Jefferson State 36-3

Core Hole 23. E-Log density, canister position, and canister label for the Ammonite Energy Texas, Inc., Thomas Jefferson State 36-3 core hole showing the School coal bed.
Core Hole 24. No E-log available. Canister position and canister label for the Bridger Coal Company, BCX-9 core hole showing the Deadman coal bed.
Core Hole 25. Gamma Ray (Natural), canister position, and canister label for the Peabody Natural Gas, LLC., Duvall 13J-D core hole showing the Pawnee coal bed.
Core Hole 26. Gamma Ray (Natural), canister position, and canister label for the Barrett Resources Corporation, Haas 32-31 core hole showing the Big George coal bed.
Core Hole 27A. Gamma Ray (Natural), canister position, and canister label for the Peabody Natural Gas, LLC., Carter-Federal 18F-DC core hole showing the Pawnee coal bed.
Core Hole 27B. Gamma Ray (Natural), canister position, and canister label for the Peabody Natural Gas, LLC., Carter-Federal 18F-DC core hole showing the Cache coal bed.
Core Hole 28. Gamma Ray (Natural), canister position, and canister label for the Nance Petroleum Corporation, Remington 58-79-30-07A core hole showing the Anderson coal bed.
Core Hole 29. Gamma Ray (Natural), canister position, and canister label for the Nance Petroleum Corporation, Remington 57-79-18-03R core hole showing the Roberts coal bed.
Core Hole 30. Gamma Ray (Natural), canister position, and canister label for the Nance Petroleum Corporation, Remington 58-79-30-01D core hole showing the Canyon coal bed.
Core Hole 31. Gamma Ray (Natural), canister position, and canister label for the Williams Production RMT Company, BCU 32-9-4277 core hole showing the Big George coal bed.
Core Hole 32. E-Log Density, canister position, and canister label for the Lance Oil and Gas Company, Inc., Whiskey Draw Unit 12-12-4778 core hole showing the Big George coal bed.
Core Hole 33. Gamma Ray (Natural), canister position, and canister label for the Lance Oil and Gas Company, Inc., McBeth 12-30-4673BG core hole showing the Big George coal bed.
Core Hole 34A. Gamma Ray (Natural), canister position, and canister label for the Williams Production RMT Company, State 23-16-4171 core hole showing the Anderson coal bed.
Core Hole 34B. Gamma Ray (Natural), canister position, and canister label for the Williams Production RMT Company, State 23-16-4171 core hole showing the Canyon coal bed.
Core Hole 35. Gamma Ray (Natural), canister position, and canister label for the Williams Production RMT Company, Groves 12-19-4574 core hole showing the Big George coal bed.
Core Hole 36. E-Log Density, canister position, and canister label for the Peabody Natural Gas, LLC., PNG 24-1 core hole showing the Pawnee coal bed.
Core Hole 37. Gamma Ray (Natural), canister position, and canister label for the Peabody Natural Gas, LLC., PNG 26-1 core hole showing the Pawnee coal bed.