R. 39 E.

R. 41 E.

R. 43 E.

T. 8 S.

T. 9 S.

T. 58 N.

MT

WY

R. 84 W.

T. 82 W.

T. 80 W.

SH-634
4.64

CBM02-3DC
8.09

SH-625
6.32

WR-23
-0.05

WR-21
0.35

A
D
A-D combined

A-D
A-D1
D2

A-D1
A
D1
D2

Tongue River

Tongue River Reservoir

WRE-24
25.74

WRE-29
74.79

WRE-28
5.8

PKS-3200
-11.38

PKS-3199
2.89

DS-02A
-31.35

WRE-10
-0.33

WRE-13
31.52

WRE-09
4.17

PKS-1179
130.95

WR-19
5.16

SH-391
1.79

SH-388
-4.33

SH-394
-0.93

SH-395
-0.78

SH-422
-0.92

WR-30
-2.96

WR-34
27.08

WR-33
-4.07

WR-27
37.54

WR-38
15.58

WR-39
28.21

WR-54
142.49

WR-53
144.84

WR-51
168.39

FC-02
11.66

HWC-6
0.43

HWC-10
1.73

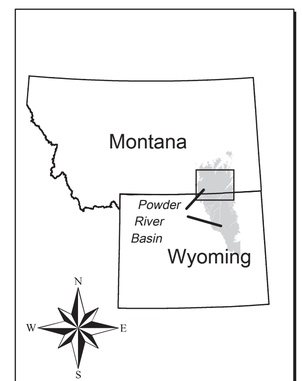
Hanging Woman Creek

Prairie Dog Creek

50
100
150
200

0 1.25 2.5 5 7.5 10 Miles

Plate 4. Area of CBM-related potentiometric decline for the Dietz coal in the southern portion of the Powder River Basin, Montana 2012

Explanation

- Potentiometric decline: dashed where inferred, 50-ft contour intervals.
- WR-34 / 27.08 — MBMG Monitor well name, change in water-level (ft) for last data in water year 2012.
- Dietz coal outcrop
- Dietz coal split line, approximate locations, dashed where inferred. Diagrams show splits.
  A - Anderson Coal
  D - Dietz Coal
  D1 - Dietz 1 Coal
  D2 - Dietz 2 Coal
- Fault, MBMG geological data, CX coal field area modified using data from Fidelity
- Mine area, includes active, permitted and reclaimed
- CBM production well in Montana that produced water and/or methane during water year 2012.
- CBM production well that was listed as shut-in at the end of water year 2012.
- Prairie Dog Creek field CBM well
- Hanging Woman Creek field CBM well
- Indian Reservation land