11

682

MP-1 MP-2 MP-3 MP-4 MP-5 MP-6 MP-7 MP-8 MP-9 MP-10 MP-11 MP-12 MP-13 MP-14 MP-15 MP-16 MP-17 MP-18 MP-19 MP-20 MP-21 MP-22 MP-23 MP-24 MP-25 MP-26 MP-27 MP-28 MP-29 MP-30 MP-31 MP-32 MP-33 MP-34 MP-35 M-6

70° OR LESS

400′ 400′ 400′ 400′ 400′ 1200′

MO-1 MO-2 MO-3 MO-4 MO-5 MO-6 MO-7 MO-8 MO-9 MO-10 MO-11 MO-12 MO-13 MO-14 MO-15 MO-16 MO-17 MO-18 MO-19 MO-20 MO-21 MO-22

MU-1 MU-2 MU-3 MU-4 MU-5 MU-6 MU-7 MU-8 MU-9 MU-10

686 692 690 687 684 681 637 665 666 662 5 635

PERIMETER MONITOR WELL RING APPROXIMATELY 400' FROM FENCE, WELLS SPACED 400' APART

Feet
0 100 200 400 600 800
0 50 100 200
Meters

D18

LEGEND:

- L3 Horizon
- L2 Horizon
- PERIMETER MONITORING WELL
- OVERLYING MONITORING WELL
- UNDERLYING MONITORING WELL
- AQUIFER EXEMPTION BOUNDARY

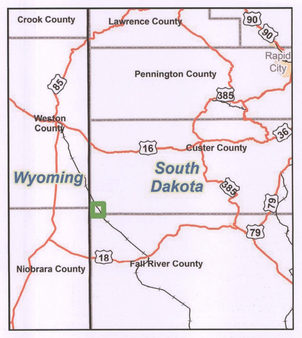
WELL LEGEND:

AQUIFER (color)
- ALLUVIUM
- INYAN KARA
- FALL RIVER
- FUSON SHALE
- LAKOTA (CHILSON)
- SUNDANCE
- UNKNOWN

WELL USE (symbol)
- DOMESTIC
- STOCK
- UNUSED DOMESTIC
- UNUSED STOCK
- MONITORING

100′ 100′ PRODUCTION WELL
INJECTION WELL

ONSITE WELLS	
TYPE	QTY
INJECTION (IX-XXX)	295
PRODUCTION (PX-XXX)	126
OVERLYING MONITORING (MO-X) 1 EVERY 3 ACRES	22
UNDERLYING MONITORING (MO-X) 1 EVERY 8 ACRES	10
PERIMITER MONITORING (MP-XX)	35



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CONSULTANT

REVISIONS

#	DRAWN	CHECKED	APPROVED	DATE

REF 325

CHECK SCALES
If this bar does not measure 1 inch this map is not at its original scale

Arch E 36" x 48"

PLOT DATE 07-Aug-2009 DATE 17-Nov-2008
DRAWN Cadd Services (JGM) CHECKED W. Mays
SCALE 1" = 200'

PROJECT Dewey-Burdock
COORDS NAD 27, South Dakota State Plane South (feet)
FILENAME p:\dewey-burdock\nrc supplimental\finals\nrc-burdockmineunitmaps100.dwg

POWERTECH (USA) INC.

Supplemental Exhibit 3.1-7

100 foot Grid Burdock Mining Unit Well Detail - Lakota - Section 11 Fall River County, South Dakota

1Bii(d)

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