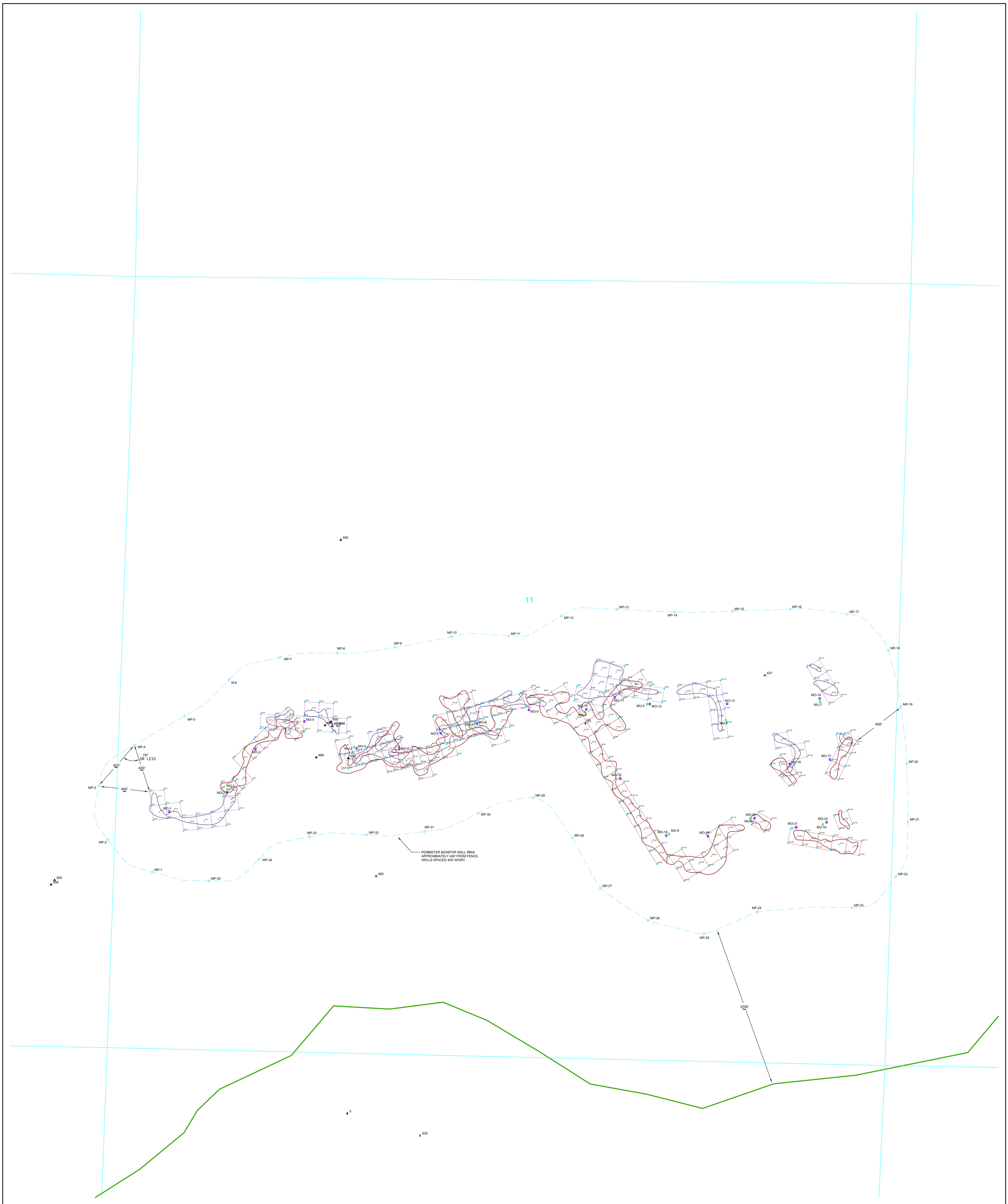

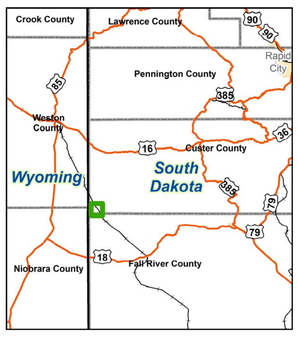

Feet: 0 100 200 400 600 800

Meters: 0 50 100 200

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

N

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"

POWERTECH (USA) INC.

Supplemental Exhibit 3.1-7

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

PLOT DATE 07-Aug-2009	DATE 17-Nov-2008	PROJECT Dewey-Burdock	1Bii(d)
DRAWN Cadd Services (JGM)	CHECKED W. Mays	COORDS NAD 27, South Dakota State Plane South (feet)	
SCALE 1" = 200'	FILENAME p:\dewey-burdock\nrc supplimental\finals\nrc-burdockmineunitmaps100.dwg		OF