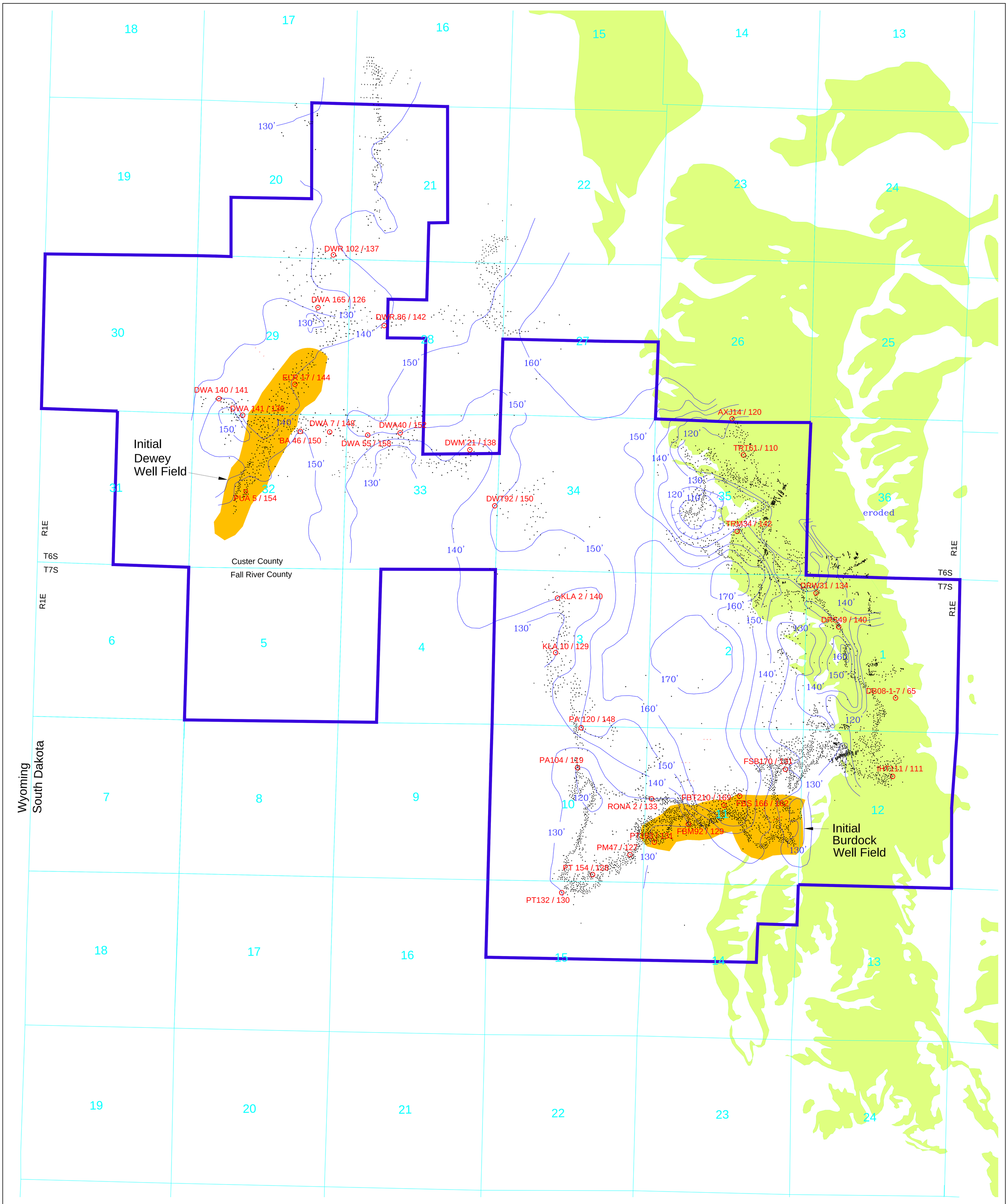
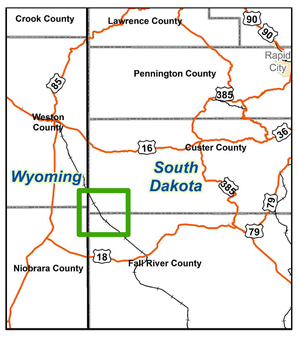


Legend

- Fall River Outcrop
- Initial Mine Unit
- Permit Boundary
- 50' Thickness
- TVA Borehole Locations (1,100 Electric Logs Used for Contour Mapping)
- Powertech Exploration Borehole Locations
- PM47 / 127 Representative Drill Hole Data Points from Cross Sections with Thickness of Fall River Formation



N

0 500 1,000 2,000 3,000 4,000 Feet

0 250 500 1,000 Meters

CONSULTANT

REVISIONS

#	DRAWN	CHECKED	APPROVED	DATE

REF 546

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	19-Jan-2010	DATE	28-Jun-2009
DRAWN	Hetrick, Lichnovsky	CHECKED	W. Mays
SCALE	1" = 1000'	FILENAME	p:\dewey-burdock\denr submittal\exhibit_5-12_isopachfallriver.dwg

PROJECT Dewey-Burdock Project

COORDS NAD 27, South Dakota State Plane South (feet)

OF

POWERTECH (USA) INC.

Exhibit 5-12

Isopach of the Fall River Formation

P:\Dewey-Burdock\DENR Submittal\Exhibit_5-12_Isopachfallriver.dwg, Layout1, 1/19/2010 3:08:01 PM, vhetrick, ARCH full bleed E (36.00 x 48.00 Inches), 1:1