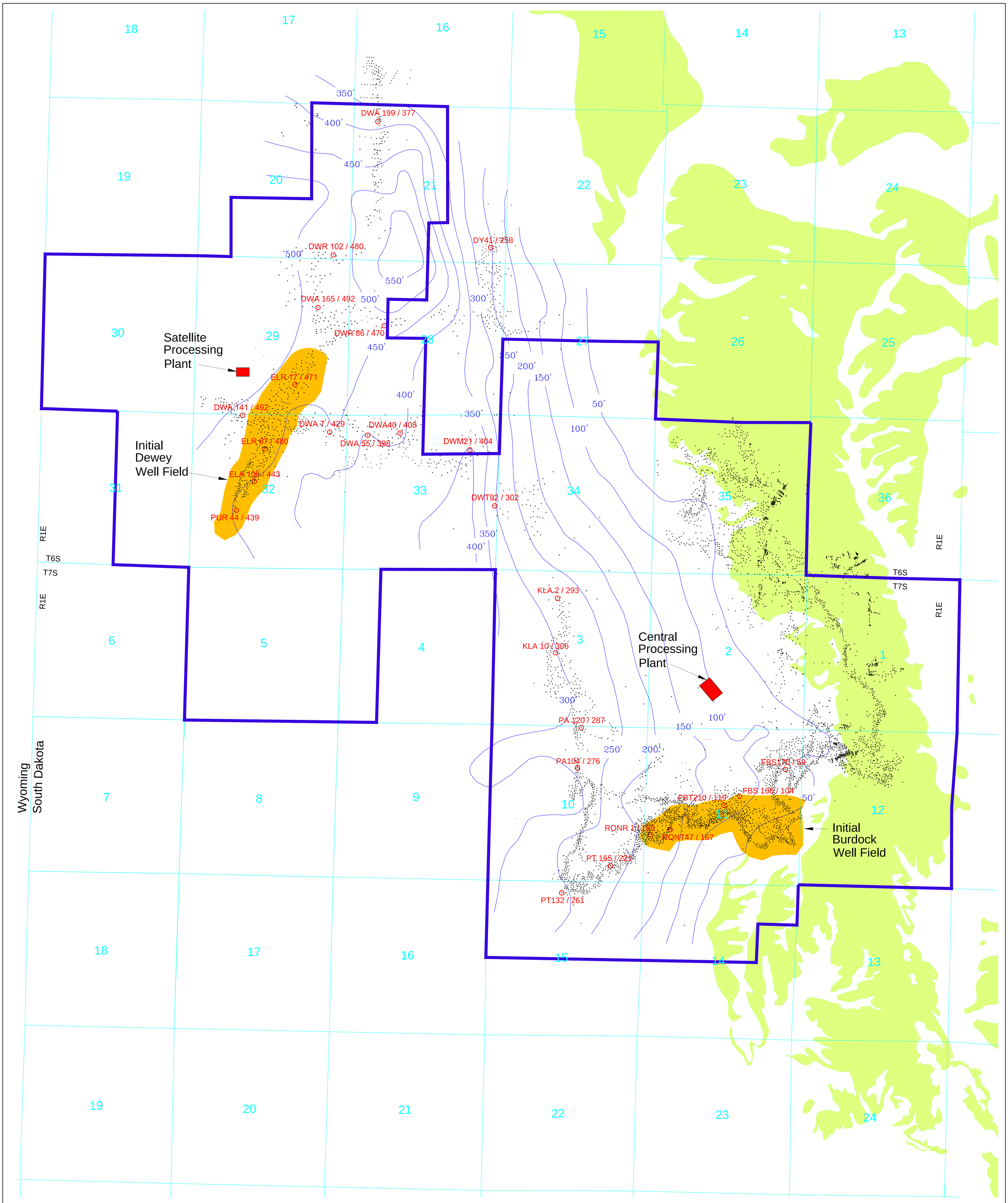
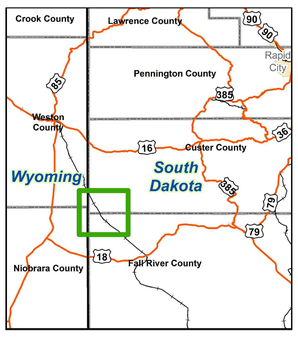


Legend

- Processing Plant Sites
- Fall River Outcrop
- Initial Mine Units
- Permit Boundary
- 100' Thickness
- TVA Borehole Locations (1,100 Electric Logs used for Contour Mapping)
- Powertech Exploration Borehole Locations
- PA104 / 276 Representative Drill Hole Data Points from Cross Sections with Thickness at Graneros Unit



N

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

Meters: 0, 250, 500, 1,000

CONSULTANT	REVISIONS # / DRAWN / CHECKED / APPROVED / DATE	POWERTECH (USA) INC.
REF 543		Exhibit 5-11
CHECK SCALES: If this bar does not measure 1 inch this map is not at its original scale		Isopach of the Upper Confining Graneros Unit (Mowry and Skull Creek Shales)
PLOT DATE 19-Jan-2010	DATE 28-Jun-2009	PROJECT Dewey-Burdock Project
DRAWN Hetrick, Lichnovsky	CHECKED W. Mays	COORDS NAD 27, South Dakota State Plane South (feet)
SCALE 1" = 1000'	FILENAME p:\dewey-burdock\denr submittal\exhibit_5-11_isopachovermowryskull.dwg	
Arch E 36" x 48"		OF

P:\Dewey-Burdock\DENR Submittal\Exhibit_5-11_IsopachOverMowrySkull.dwg, Layout1, 1/19/2010 2:53:33 PM, shetrick, ARCH full bleed E (36.00 x 48.00 Inches), 1:1