

Powertech Uranium Corp.: An Overview

Prepared for the Nuclear Regulatory
Commission by:

Powertech Uranium Corp. &
Thompson & Simmons, PLLC

Corporate Overview: General

- Powertech Uranium Corp. (Powertech) is a Uranium E & P Company Created to Develop Cost-Effective Uranium Properties While Minimizing Lead Time to Production:
 - Focuses *Primarily* (Although Not Exclusively) on Uranium Resources Amenable to *In Situ* Recovery (ISR) Processes;
 - Currently Possesses Multiple Uranium Resource Properties That Are Either in the Exploration Stage or in Preparation for Licensing/Permitting

Corporate Overview: Personnel

- Powertech's Corporate Resources Include Personnel with Extensive Experience in All Aspects of Uranium Recovery;
- Powertech Utilizes the Following Corporate or Independent Personnel:
 - Board of Directors;
 - Senior Executive Personnel;
 - Corporate and Technical Advisory Board

Corporate Overview: Personnel

- Wallace Mays: Chairman of the Board
 - Member of the Uranium Hall of Fame;
 - Involved in the Design, Construction, and Operation of the First U.S. ISR Uranium Recovery Facility;
 - Has Been Principal or Senior Executive for Multiple Uranium Recovery Ventures Including:
 - Everest Minerals Corporation;
 - Uranium Resources, Inc.
 - Currently Urasia Gen. Dir. in Kazakhstan

Corporate Overview: Personnel

- Richard Clement: President and Chief Executive Officer
 - Professional Geologist and Vice-President/Exploration Manager (Mobil Energy Minerals Australia) with Mobil Oil Corporation (1967-1983);
 - Director and Senior Vice-President of Uranium Resources, Inc. (1983-1999);
 - President of Hydro Resources, Inc. (1996-1999)

Corporate Overview: Personnel

- Richard Blubaugh: Vice-President for Health, Safety, and Environmental Resources:
 - Twenty Years Experience in Project and Program Management for Environmental Health and Safety;
 - Served in Multiple Senior Executive Positions, Including Vice-President of Environment and Government Affairs, for Atlas Minerals, Inc.;
 - Oversaw Final Reclamation and Closure Plan for Atlas Uranium Mill Site (Moab, Utah)

Corporate Overview: Personnel

■ Corporate and Technical Advisory Board:

■ Dr. Charles Groat: Member

- Director: Center for International Energy and Environmental Policy at the University of Texas at Austin;
- Director: U.S. Geological Survey (1998-2005)

■ Anthony J. Thompson, Esq.: Member

- Attorney, Thompson & Simmons, PLLC;
- Outside Counsel to National Mining Association, Uranium Environmental Subcommittee;
- Represents Most of Uranium Recovery Industry

Corporate Overview: Assets and Projects

- Powertech Currently Owns Several Uranium Resource Properties That Potentially May be the Subject of License Applications to NRC/Agreement States:
 - Dewey Burdock (South Dakota);
 - Dewey Terrace (Wyoming);
 - Aladdin (Wyoming);
 - Centennial (Colorado/Agreement State)

Powertech Uranium Projects and Prospects



- Powertech Projects are located in the Western U.S., host to several major uranium producing districts conducive to ISR mining

- Project Acreage

■ Dewey Burdock	11,180
■ Centennial	5,760
■ Dewey Terrace	8,540
■ Aladdin	13,590

- Prospect Acreage

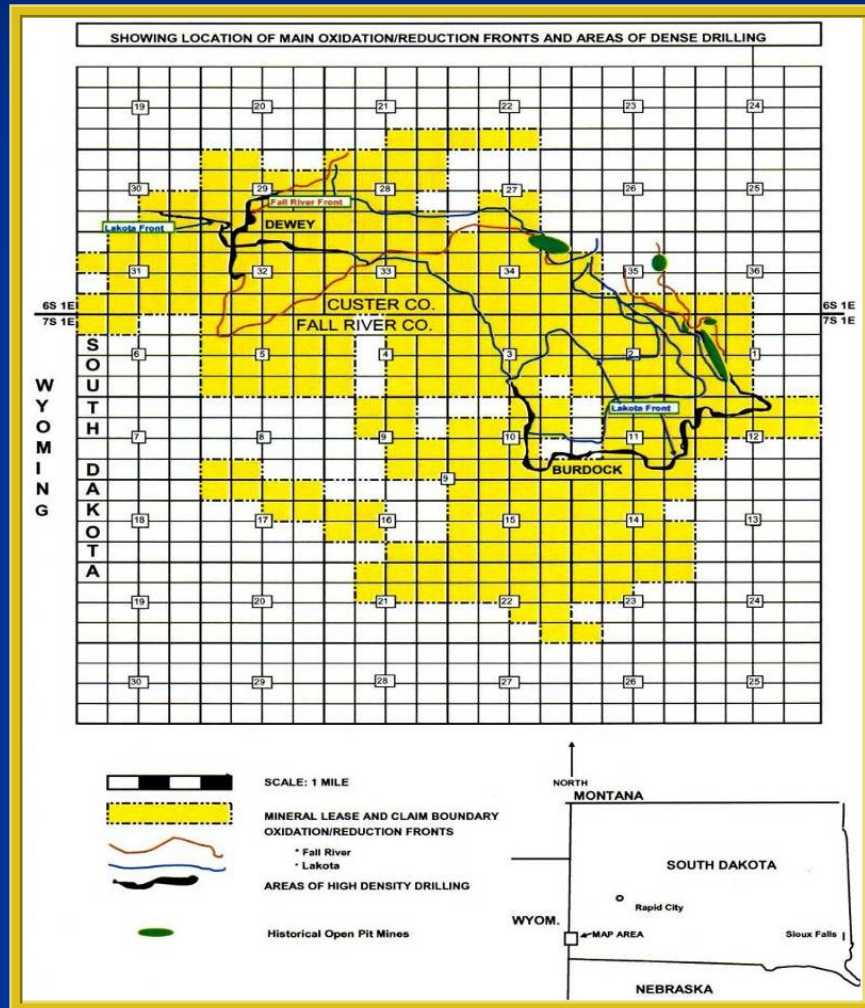
■ Colony	6,660
■ Powder River Basin	2,600
■ Shirley Basin	1,600
■ Ambrosia Lake	<u>4,600</u>

Total	54,530
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The Dewey Burdock Project

- Dewey Burdock Uranium Recovery Project:
 - Located in Southwest South Dakota on South Flank of the Black Hills;
 - Part of the Northern Extension of Edgemont Uranium District Discovered in 1950s;
 - Property Consists of:
 - Claims on Federal Mineral Lands & Leases on Private Mineral Lands of 11,180 Acres
 - Surface Use Agreements on 11,520 of Private Surface Land

Dewey Burdock Project - Edgemont District, South Dakota



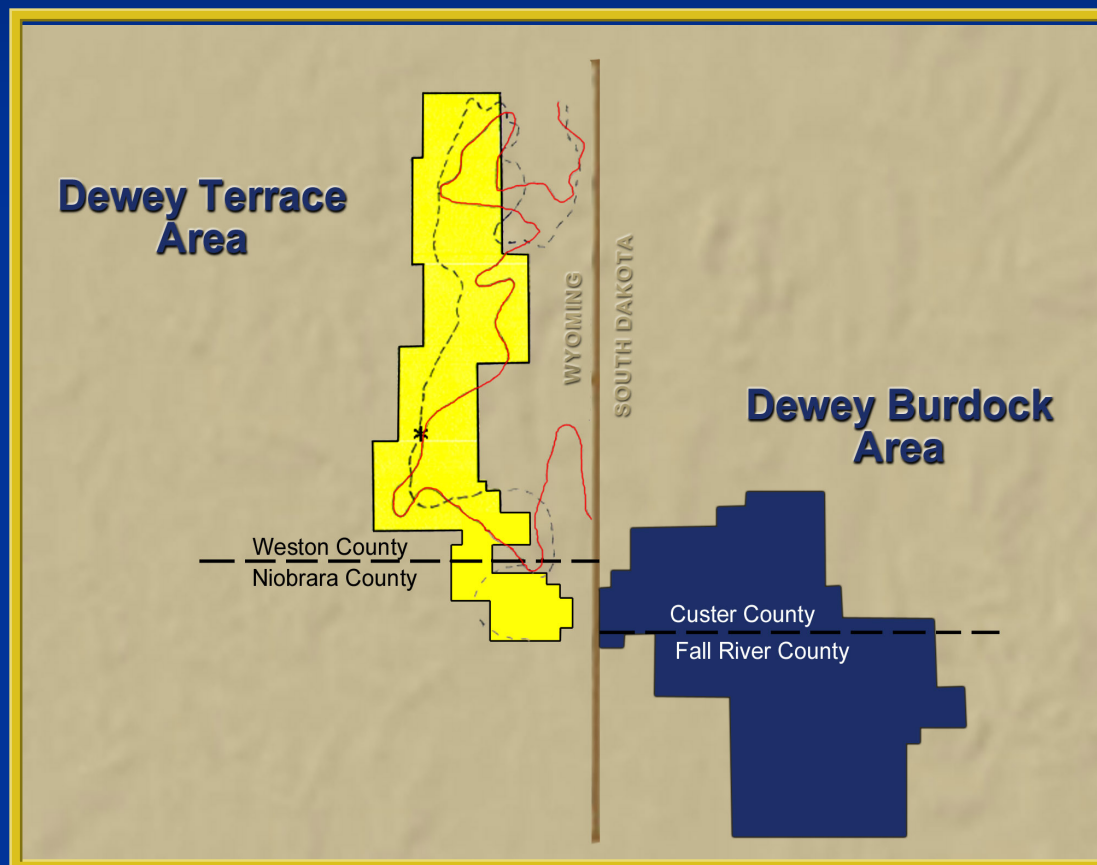
- Form 43-101 technical report determined a resource of 7.6 million pounds of U_3O_8 averaging a grade of 0.21% U_3
- Tennessee Valley Authority, drilled more than 4000 test holes and estimated underground 'mineable reserves' of approximately 5 million pounds U_3O_8 and calculated 'identified resources' in place of 10 million pounds
- 155 hole exploration permit received in January 2007. The permit also covers six core holes for metallurgical and leach testing and two 72 hour pump tests to determine permeability and flow rates of the host formation. Program to commence in April 2007

Dewey Burdock Project: Proposed Strategy for License Application Submission

■ Current Status of Activities Leading to Submission of Relevant License/Permit Applications:

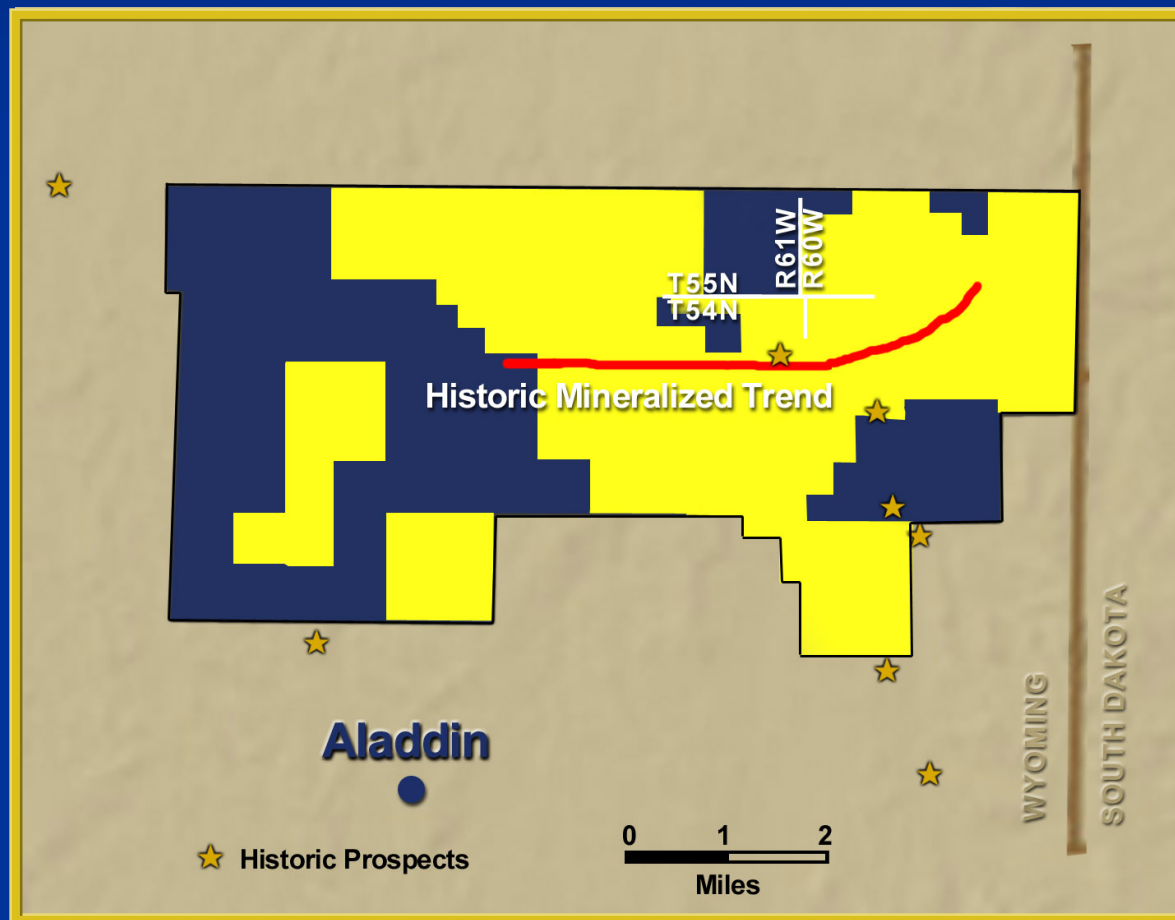
- Exploration Permit Obtained Jan, 2007;
- Exploration to Commence April, 2007;
- Submission of NRC License Application Anticipated 1st Qtr. 2009;
- Submission of Application for Aquifer Exemption and UIC Permit to EPA Anticipated 1st Qtr. 2009;

Dewey Terrace Project - Wyoming



- Dewey Terrace was located along extensions of Dewey Burdock Roll Fronts across the South Dakota Border in Wyoming
- Claims totaling 8,540 acres staked along historic mineralized trends as defined by Tennessee Valley Authority and Teton Exploration Corp.
- Acquired Teton exploration data consisting of 298 drill hole logs representing 208,500 feet logged and drill hole record sheets for over 494 holes in the immediate area
- Exploration permit is in hand and additional drilling is scheduled for March, 2007

Aladdin Project - Wyoming



- Over 13,500 acres of privately-owned Option/Lease lands
- Acquired Teton exploration data consisting of 589 drill hole logs representing 222,000 feet logged and drill hole record sheets for over 1800 holes in the immediate area
- Approved exploration permit was received in late 2006 and drilling to commence in Spring/Summer 2007
- Same host formation as found in the Dewey Burdock and Dewey Terrace projects
- Data on three key historical drill holes yields 10 feet of 0.47% U_3O_8 , 6 feet of 0.695% of U_3O_8 and 6 feet of 0.504% of U_3O_8

Corporate Summary

- Powertech Possesses the Requisite Knowledge of the Uranium Recovery Processes, Licensing/Permitting, and Regulatory Compliance to be a Major Player in the Industry;
- Powertech Believes that Actively Engaging NRC in the Licensing/Permitting Process Will Facilitate Expeditious Issuance of Licenses for Uranium Recovery;
- Powertech Personnel Intend to be Active Participants in this Process and Stand Ready to Present NRC with License/Permit Applications that Satisfy All Applicable Regulatory Requirements

Contact Information

- Powertech Uranium Corp. Contact Information
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Wellfield-Crow Butte, NB



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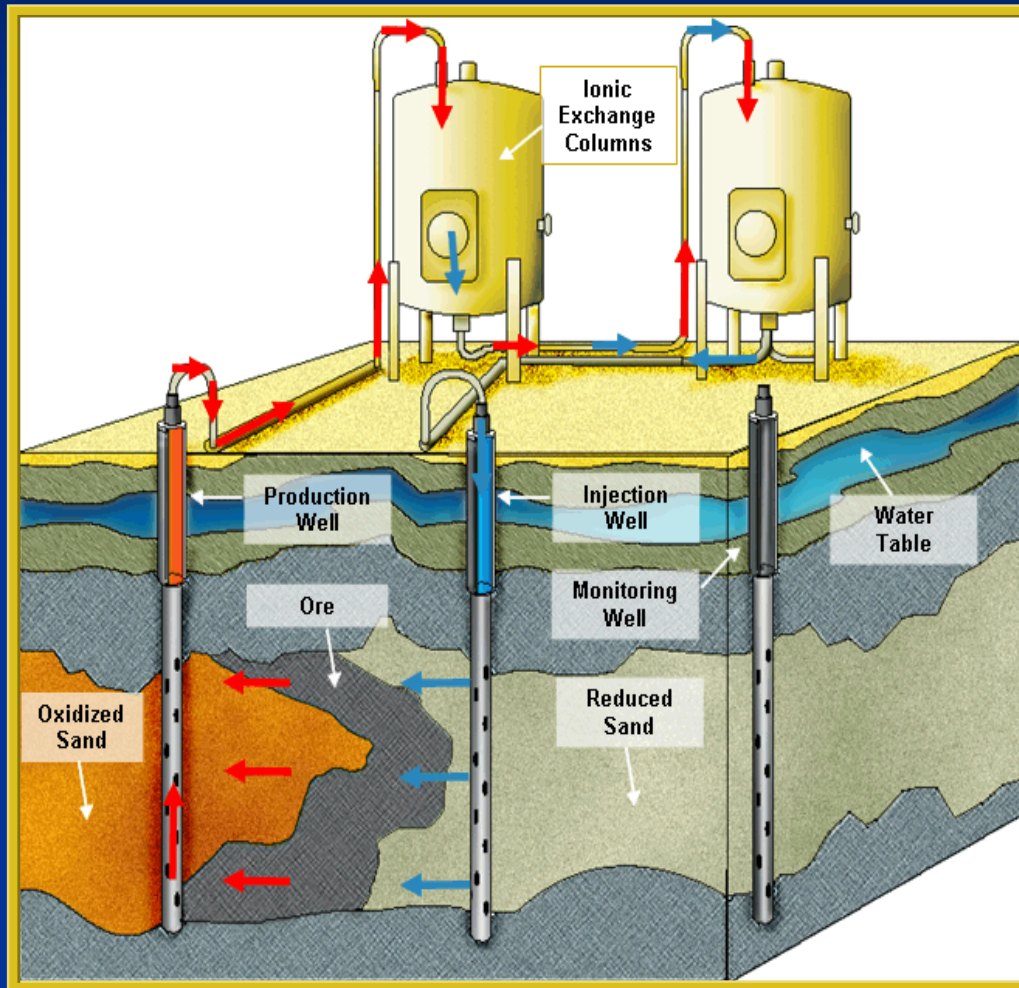
Satellite Operation- Vasquez, TX



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Insitu Process - Cutaway



Through the use of water wells, groundwater is extracted, oxygenated and reinjected into the ore-bearing sandstone.

These fluids are controlled by impermeable units above and below the host sandstone and dissolve uranium as they pass through the ore zone.

The pregnant solutions are brought to the surface by production wells and are run through ionic exchange columns where the uranium is extracted.

The stripped fluids are again oxygenated and reinjected into the wellfield.

This recycling of fluids through the wellfield is an efficient, non-consumptive use of groundwater and can recover up to 90% of the in-place uranium.