#### Wyoming Production in 2009

# Uranium Exploration and Production

October 30, 2007 US NRC Source Material License Presentation By Bill Boberg – President and CEO and Wayne Heili - VP Mining and Engineering

## **Ur-Energy's Profile**

- Headquartered in Littleton, Colorado
  - Wyoming Production Office located in Casper, Wyoming
  - Ur-Energy is a publicly traded Company with Shareholders around the world
- Ur-Energy is listed on the Toronto Stock Exchange (Symbol: URE)
- Ur-Energy will file for listing on the American Exchange (AMEX) in 2008
- Ur-Energy is actively pursuing uranium production from it's Lost Creek ISR project

## Ur-Energy Corporate History Overview

- Formed in March 2004 and Canadian properties acquired during 2004
- US office opened in November 2004 and Wyoming properties acquired between December 2004 and June 2005
- AATA International (Colorado-Based) engaged July 2005 to start permitting process on Lost Soldier & Lost Creek Projects
- IPO completed in November 2005 on Toronto Exchange (symbol URE)
- US NRC Assignment of Docket # 40-9068 for Lost Creek/Lost Soldier License and TAC # LU0142 for pre-licensing activities -September 8, 2006
- Wyoming professional staff developed February-September 2007 – Now a World-Class In Situ Recovery staff in Wyoming.
- During 2006 and 2007 more than \$100 million funds raised for advancing projects TSX: URE

## Ur-Energy Technical – Professional Staff Summary

24 technical professionals on staff as employees

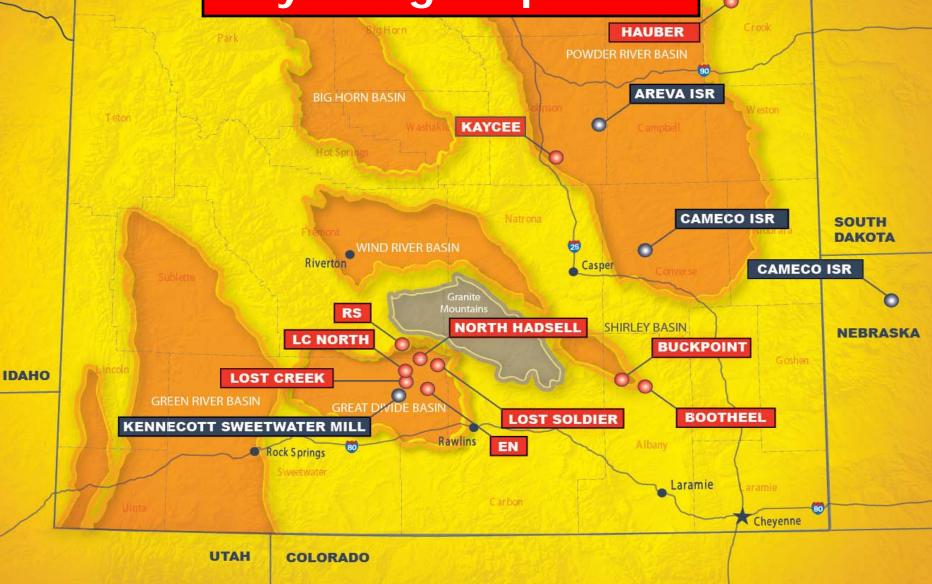
- 6 engineers, 16 geologists and 2 land men
- 12 support and management professionals
- I2 professionals with operating company, Lost Creek ISR LLC
- Highly experienced employees (Geology & Engineering)
  - 635 years total mineral industry experience
  - 298 years direct uranium industry experience
  - 72 years direct uranium production experience
- Employees have extensive uranium production experience

Underground and open pit mining experience – Colorado, New Mexico and Texas

- ISR operating experience Nebraska, Texas and Wyoming
  - Former Cogema Operations Manager (Texas & Wyoming)
  - Former Cogema Production Geologist (Wyoming)
  - Former PRI Crow Butte Operations Superintendent
  - Former PRI Smith Ranch Wellfield Manager
  - Former PRI Smith Ranch Production Geologist

In addition – many contractors and consultants with extensive uranium exploration, development and production experience

#### **Ur-Energy USA's** Wyoming Properties



**TSX: URE** 

HARDING



Lost Creek ISR, LLC

Proudly Presents it's ...

# US NRC Source Material License Application

Docket # 40-9068

Lost Creek ISR, LLC is a wholly owned subsidiary of Ur-Energy Inc.



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#### Technical Report 3 Volumes

#### Environmental Report 3 Volumes

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**TSX: URE** 



## Lost Creek ISR, LLC Technical Report Contents

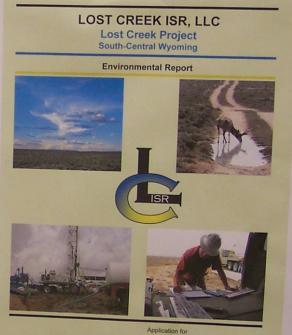


October 200

- **1.0 Proposed Activities**
- 2.0 Site Descriptions
- 3.0 Description of Proposed Facility
- 4.0 Effluent Control Systems
- 5.0 Operational Organization, Management, Programs & Training
- 6.0 Groundwater Quality, Restoration, Reclamation and Decommissioning
- 7.0 Environmental Effects
- 8.0 Alternatives
- 9.0 Cost-Benefit Analysis
  - 10.0 Environmental Approvals and Consultations



# Lost Creek ISR, LLC Environmental Report Contents



Section 3.9 Historic and Cultural Resources

Application for US NRC Source Material License (Docket No. 40-9068) October, 2007 **1.0 Introduction, Proposed Activities** 

2.0 Alternatives

3.0 Description of Affected Environment

4.0 Environmental Impacts, Mitigation and Monitoring

5.0 Cost- Benefit Analysis

6.0 References

7.0 List of Preparers



## Lost Creek ISR, LLC



#### **PREPARERS**

**Ur-Energy USA** 

**AATA International** 

Petrotek Engineering Corp.

Tetra Tech, Inc.

Centennial Archaeology, Inc.

**Energy Laboratories, Inc.** 

#### **Proposed Action**

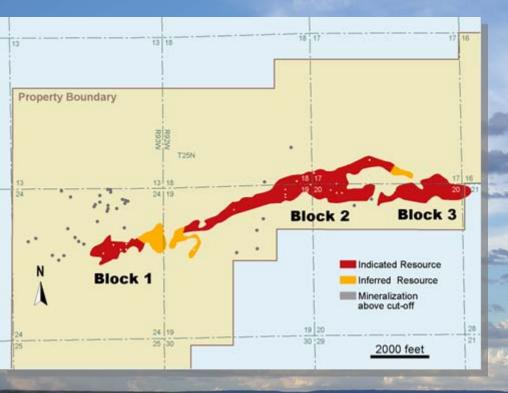
Lost Creek ISR, LLC proposes licensing, construction, operation and decommissioning of an ISR uranium recovery facility in Wyoming

Lost Creek ISR, LLC herein submits a Technical Report and an Environmental Report consistent with NRC guidance provided in NUREG-1569

Lost Creek ISR, LLC seeks issuance of a license to receive title to, receive, possess, use, transfer, or deliver any source material after removal from its place of deposit in nature, and to possess, use, safe management and control of 11e.(2) byproduct material associated with uranium recovery operations



## Lost Creek ISR, LLC Project Data



Interest held via 199 uranium lode mining claims (BLM) and 1 state lease 540 drill holes defined 1970's discovery 195 additional holes drilled in 2007 75 water quality monitor wells installed •Indicated resource average •19.5 ft @0.058% U<sub>3</sub>O<sub>8</sub>

Average 425 feet deep
2 primary zones

NI 43-101 Compliant Resource (Canadian Securities Regulations) Indicated – 8.5 million tons @ 0.058% (9.8 million pounds  $U_3O_8$ ) Inferred – 0.7 million tons @0.076% (1.1 million pounds  $U_3O_8$ ) Additional potential to increase resources through drilling



#### Lost Creek Project Operational Schedule Development, Production, Restoration & Reclamation

(From Technical Report portion of NRC Application)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
Process Plant													
Mine Unit 1													
Mine Unit 2	ROJECT	~/											
Mine Unit 3	AN												
Mine Unit 4													
Mine Unit 510 PROJECTS	First Production												
Mine Unit 6		Q4	2009		1								
C	onstru	uction				Restor	ation -	- Groui	nd Wate	er Swe	ep	V	
Mining						Restoration – Reverse Osmosis							
Regulatory Approval						Restoration – Recirculation							
Reclamation						Restoration – Stabilization							
											TSX		

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# **Take Away Points**



- Ur-Energy, through Lost Creek ISR, LLC, seeks US NRC issuance of a Source Material License allowing ISR Uranium Recovery at the Lost Creek Project
  - Ur-Energy aims to be producing the Lost Creek deposit in 2009
  - Ur-Energy has the necessary financial resources to advance the project
  - Ur-Energy has the management and technical team to develop producing mines
  - Ur-Energy's technical team has extensive experience in ISR uranium recovery, process plant operations and regulatory management

#### Thank You for Your Attention

#### 2007 Drilling Activities at Ur-Energy's -Lost Creek ISR Property

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