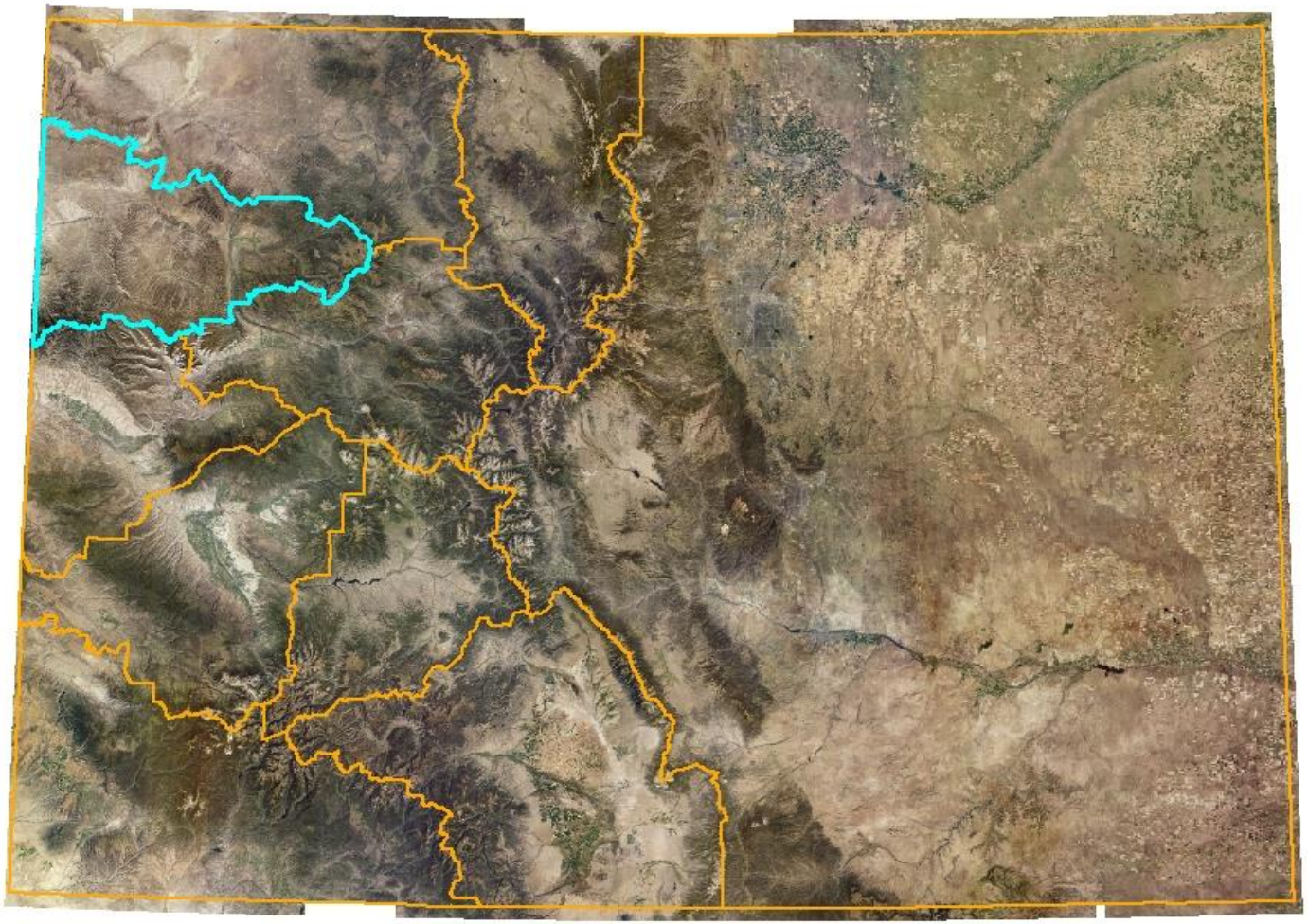
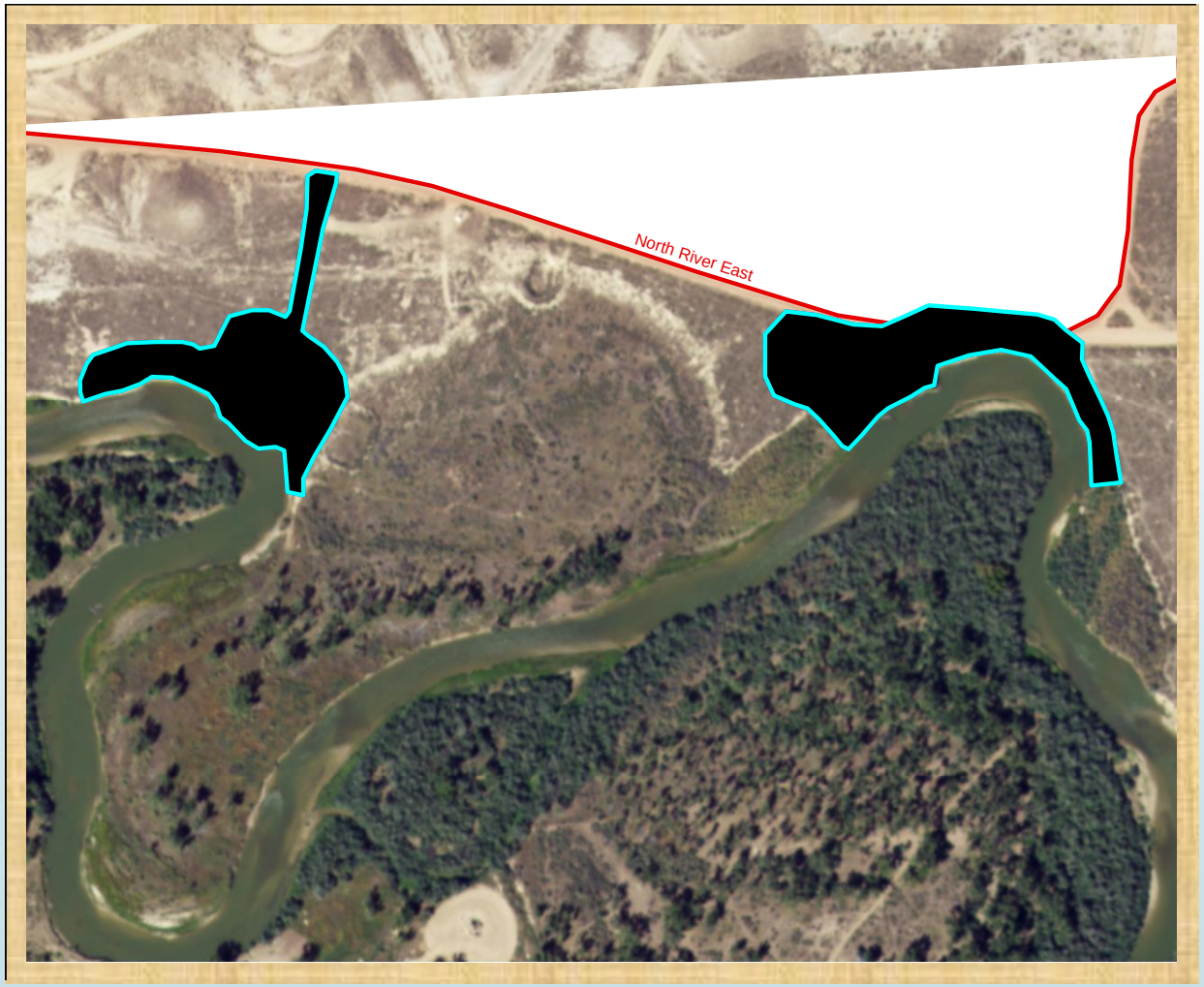
White River BLM Field Office
and
Chevron USA, INC.

Larson B3 and B6 Well Pad Reclamation

Colorado
White River BLM Field Office, Meeker



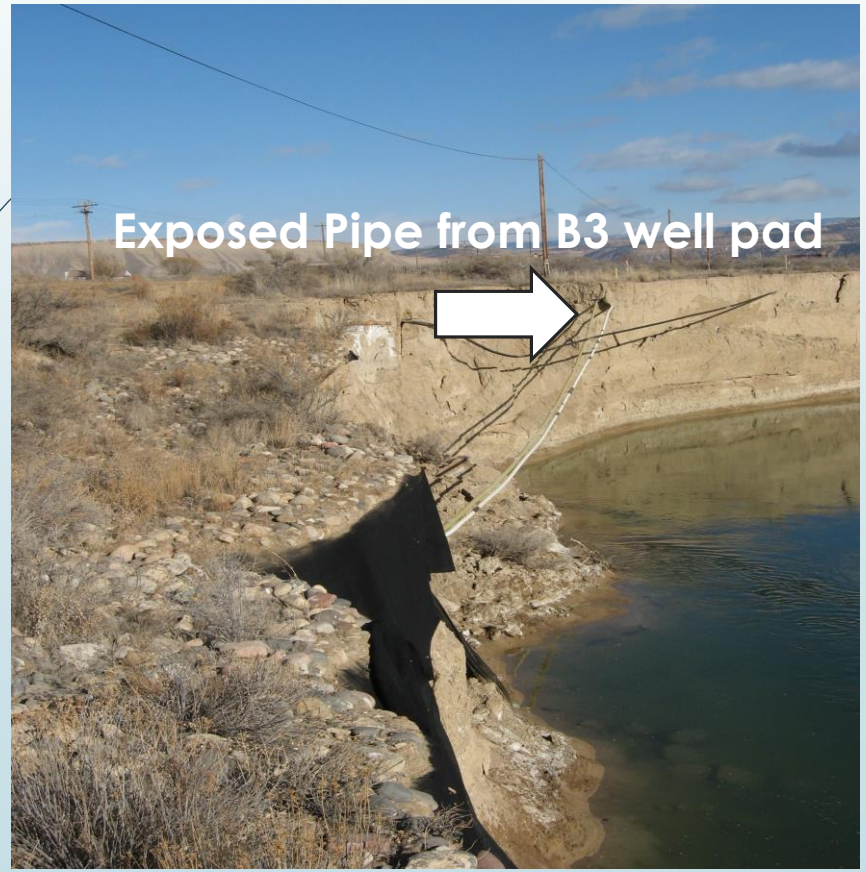
Rangely, Colorado



PROJECT BACKGROUND

- The FV Larson B3 and B6 wells were originally drilled in the 1940s, and were plugged by Chevron in 2008.
- Reclamation was initiated on these locations, but has not met White River BLM Field Office reclamation success criteria.
- Wells are on the banks of the White River that are eroding away.

Concerns included: Reclamation, Erosion and Bank Stabilization, Junk/Debris Removal.



04/05/2012

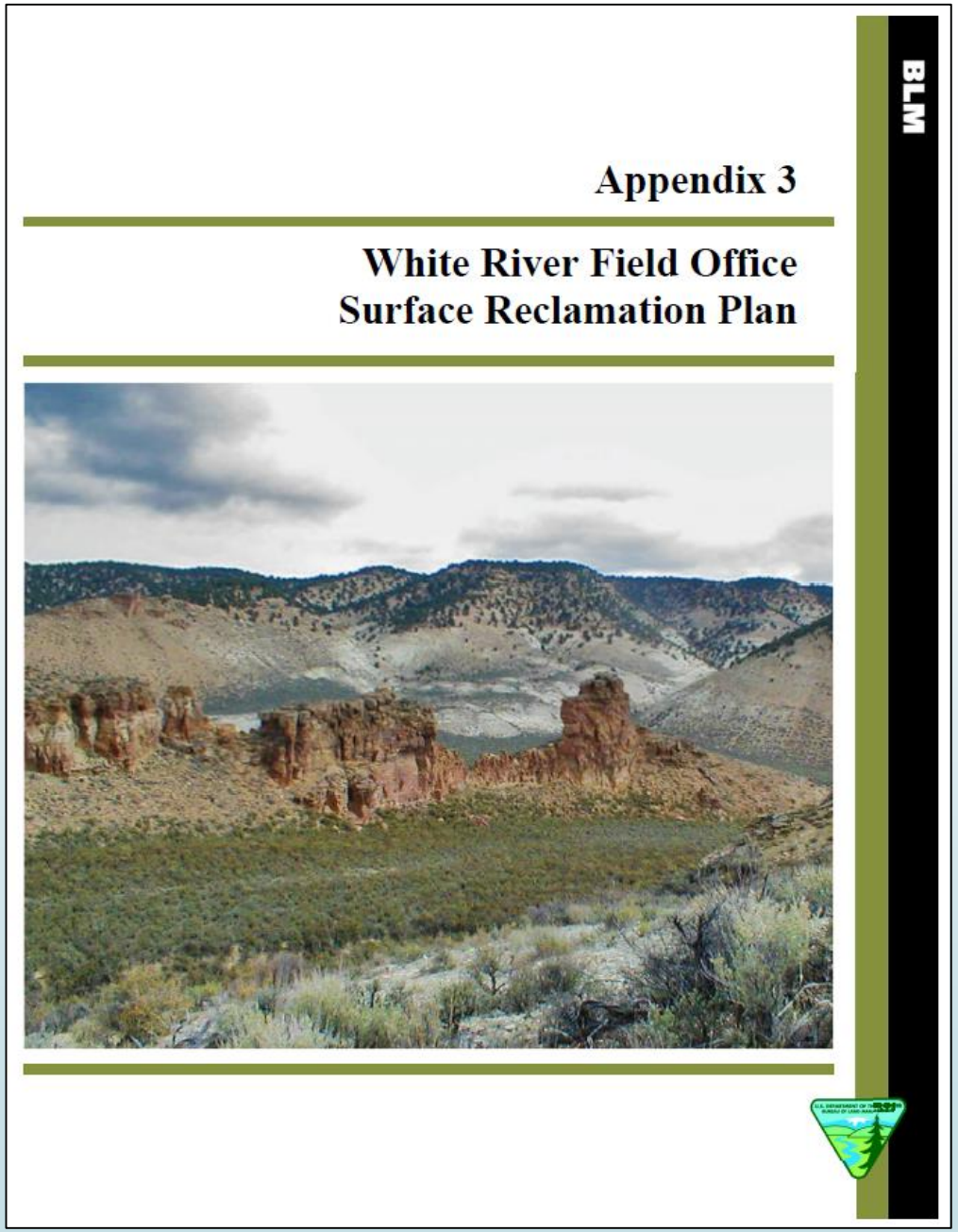
Exposed rebar and cement
04/05/2012

Success Criteria

From White River Field Office 2015 Resource Management Plan Oil and Gas Amendment

AND

Chevron USA Surface Reclamation Plan for B3 and B6



- Terracing the river banks for bank stabilization and reclamation.
  - Native shrubs
  - Inland saltgrass seed and plugs

- Reclaiming the B3 and B6 well pads
  - Native BLM Seed Mix developed in coop. with White River BLM Field Office and Chevron

Seed Mixes

Recommended Native Seed Mix for B3 and B6 well locations.

Viva Florets	Galleta Grass	*Pleuraphis jamesii*	3
Rimrock	Indian Ricegrass	*Achnatherum hymenoides*	3
Toe Jam Creek	Bottlebrush Squirreltail	*Elymus elymoides*	2.5
Rosana	Western Wheatgrass	*Pascopyrum smithii*	4
	Scarlet Globemallow	*Sphaeralcea coccinea*	0.25
	Annual Sunflower	*Helianthus annus*	2.5
	Winterfat	*Krascheninnikovia lanata*	1
Wytana	Fourwing Saltbush	*Atriplex canescens*	2

*seed mix is pls/acre

For the terraces:

Sodar	Streambank Wheatgrass	*Elymus lanceolatus* ssp. *psammophilus*	3

Inland saltgrass *Disticlis spicata* plugs if at all possible or seed.

Rush or sedge plugs

Golden Currant, Fremont Cottonwoods, Skunkbrush Sumac, Coyote Willows, Silver Buffalo Berry, Dogbane

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Amount of Trash/ Dirt Material Removed from the Project Sites?

- **336** cubic yards of cement removed
- **190** cubic yards of brick, block, ceramic tile and general solid waste
- **60** cubic yards of metal
- **30,000** cubic yards of fill dirt hauled off location

Final Terrace Re-Contour

Larson B6 Well Pad
and River Terracing

- In 2011, Tamarisk and Russian Olive species were removed from the adjacent “Olive Garden”.
- In 2012, WRFO BLM planted several riparian shrubs in the “Olive Garden”.
- Species were chosen for terrace mixes by observing what was working in the adjacent areas.

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QUESTIONS?

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