

ESA Recovery Credit Systems & Oil & Gas Development on BLM Lands

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Idaho Law Review Symposium Boise, ID March 29, 2013



Intro & Agenda

- 1. Overview of ESA & Impacts on Oil and Gas Development
- 2. Recent Conservation Innovations
- 3. Recovery Credit Systems for Oil & Gas Development on BLM Lands: Potential Benefits & Challenges

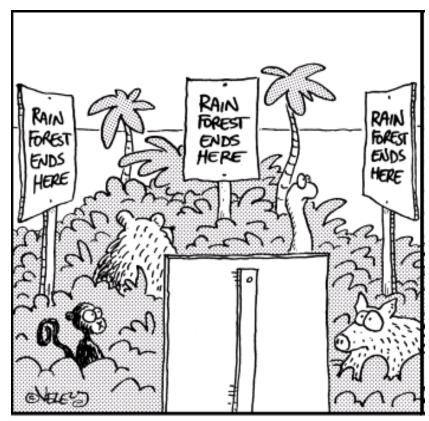
Key Sections of the ESA

- **Section 3** Definitions
- **Section 4 Listing of species**
- **Section 7** Federal Agency Actions and Consultations
- Section 9 Prohibition on unauthorized take
- **Section 10 Permits**
- Section 11 Civil and criminal penalties and enforcement



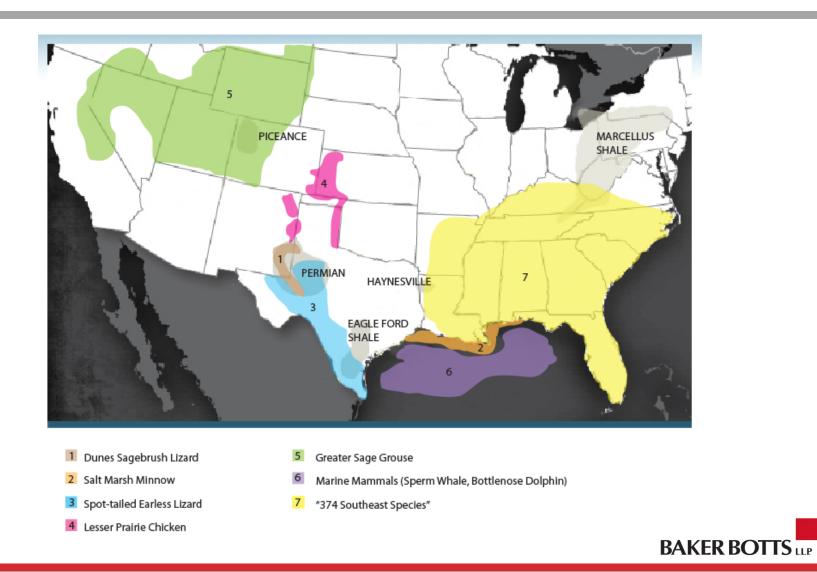
Definition of Take under the ESA

- "Take is defined as "to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect or attempt to engage in any such conduct."
- "Harm" is defined as "an act which actually kills or injures wildlife."
- Harm may include "significant habitat modification or degradation where it actually kills or injures wildlife by significantly impairing essential behavioral patterns, including breeding, feeding, or sheltering."





ESA Species Actions to Watch 2012-2016



ESA Incidental Take Permits

Sec. 10 Candidate Conservation Agreement with Assurances (CCAA)

- Encourages pro-active conservation of species pre-listing as a means to preclude the need for listing
- Focus is on conservation through avoidance and minimization of harms to species
- Automatically converts to an "enhancement of survival" take permit if listing occurs

Sec. 10 Habitat Conservation Plan (HCP)

- Allows for incidental take in exchange for mitigation
- Application process typically takes 2-3 years and typically costs \$1.5 million

Sec. 7 Permits

Federal "hook" into consultation process



Focus on prevention of extinction vs. recovery of species

- "Orderly progression" under ESA from listing to recovery
- Recovery regulations and requirements not fully developed
- The <u>Service</u> takes position that recovery is <u>not</u> mandatory consideration in Section 10 permits
 - Spirit of Sage Council v. Kempthorne confirmed Service approach
- Inconsistent consideration of recovery under Section 7 consultations



Recovery Credit Systems (RCS)

- Proposed via guidance in 2007 & 2008
- Designed for use by Army on Ft. Hood and to encourage off-site conservation
 - Private landowners generate credits by activities focused on recovery of species
 - Temporary impacts, temporary conservation (i.e. 25 years vs. perpetuity)
- Designed for federal agencies to obtain credit for recovery activities on private lands
- Broad stakeholder support



Texas Conservation Plan for the Dunes Sagebrush Lizard

- "Hybrid" programmatic incidental take permit combines CCAA and HCP
- Ability to enroll activities vs. lands
 - Flexible conservation measures focused on recovery
 - Extended RCS concept to private actors
 - Preservation for mitigation not required, but optional
- High enrollment resulted in withdrawal of proposed listing
- Model for future oil and gas CCAAs & HCPs



BLM & Species Protection

- Special Status Species Policy
 - Overlap of Resource Management Plans & NEPA
- Trend toward increased pre-ESA-listing protection of candidate species on BLM lands
 - December 27, 2011 internal Instruction Memorandum on Greater Sage-Grouse
 - Dunes Sagebrush Lizard/Lesser prairie chicken resource management plans
- Focus is on avoidance vs. BLM's mandate for "multiple use"
- Little, if any, focus on recovery



RCS & BLM - Benefits

Biological

- Greater focus on recovery pre-listing
- Conservation strategies that can adapt with climate change

Resource Development

- Less focus on avoidance, more focus on "multi-use"
- ➤ More flexibility with conservation activities

Regulatory

➤ Avoid some NEPA and RMP planning issues



RCS & BLM - Challenges

Regulatory

- > RCS regulatory guidance should not be an obstacle
- ➤ Can't avoid NEPA
- ➤ Still requires programmatic "two-tiered" review

Political

- BLM rulemaking more focused on negatives of HF
- Budget issues (not clear that it would be more resource intensive than RMP process)
- Could be structured in way to gain support from environmental groups



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