

# Resource Management Planning, Lease Sales, Stipulations & Application for Permit to Drill

## Bureau of Land Management

BLM Tres Rios Field Office, US Department of Interior

Acting Southwest District Manager- Barb Sharrow

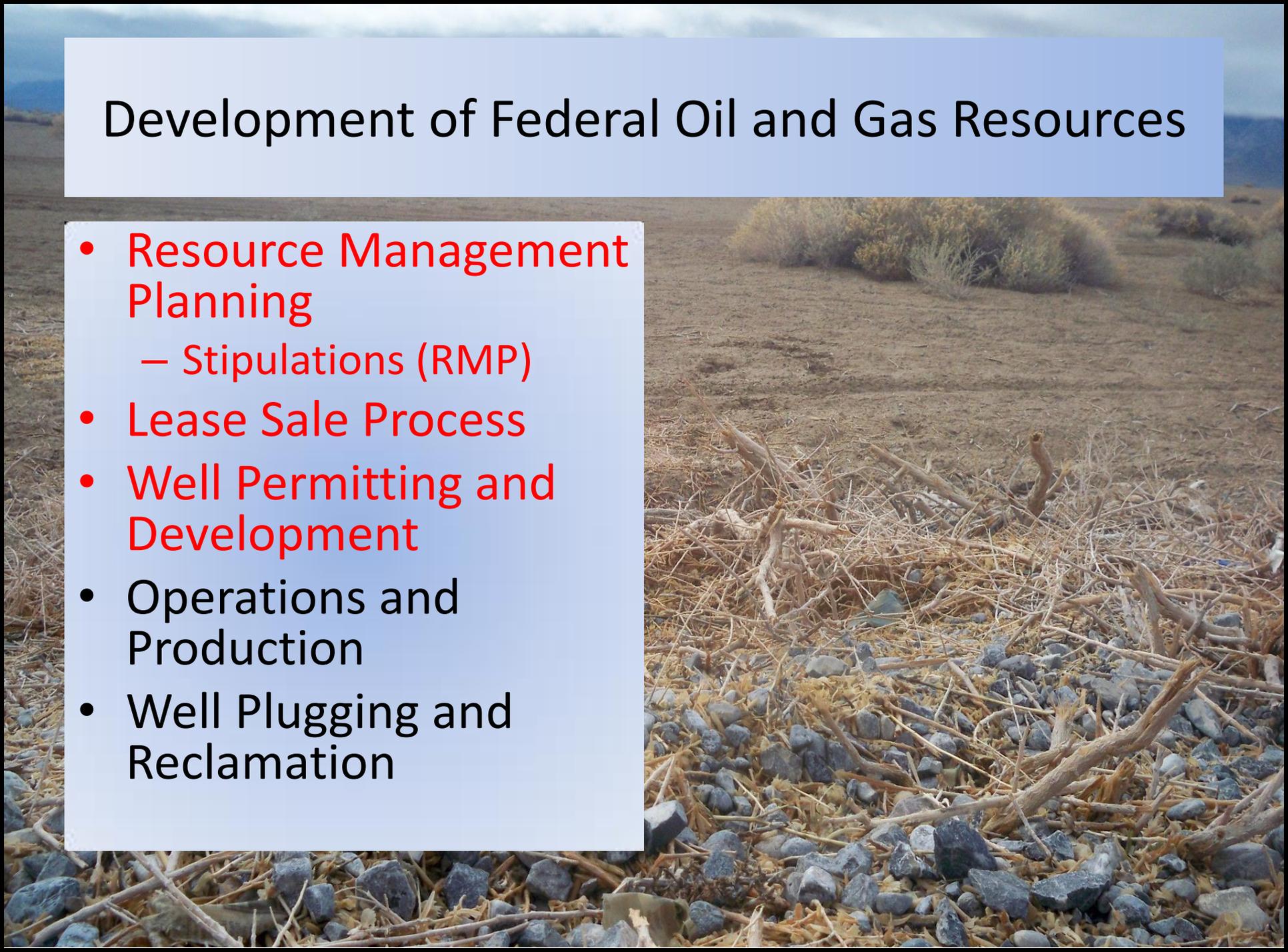
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Natural Resource Specialist- Ryan Joyner

# Development of Federal Oil and Gas Resources

- Resource Management Planning
  - Stipulations (RMP)
- Lease Sale Process
- Well Permitting and Development
- Operations and Production
- Well Plugging and Reclamation



# Resource Management Planning

- Large in geographic scale
- Types of decisions made at the RMP stage:
  - Areas identified as closed or open leasing...
  - Areas open to leasing are subject to...
  - The land use planning phase includes development of...

# Stipulations

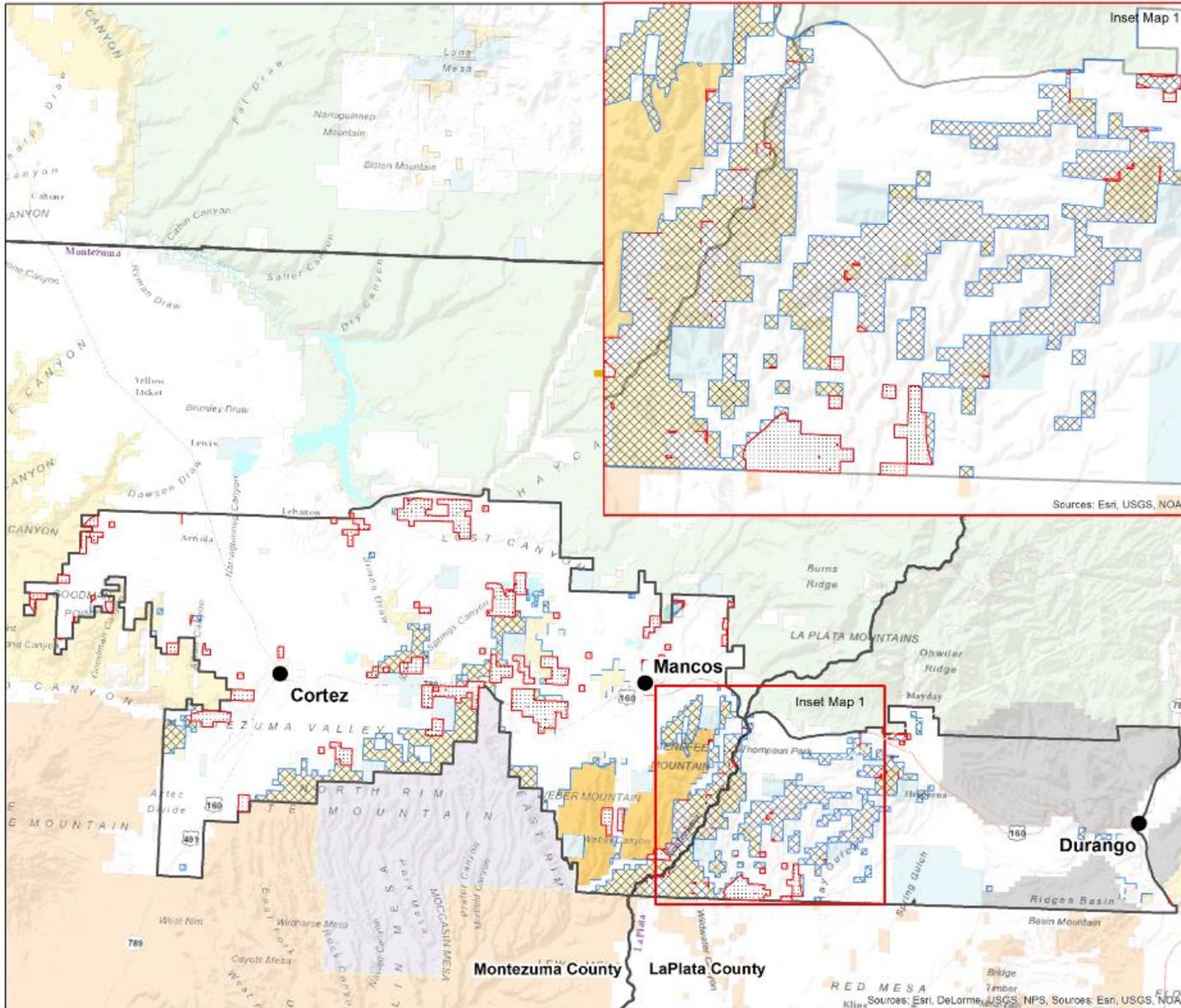
- Stipulations-RMP (Appendix H)
  - NSO (No Surface Occupancy)
  - CSU (Controlled Surface Use)
  - TL (Timing Limitation)
- Conditions of Approval (COAs)
  - Site Specific NEPA

# Application

Timing Limitation (TL)

Controlled Surface Use (CSU)

No Surface Occupancy (NSO)

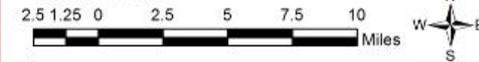


## Area of Interest Federal Mineral Estate

- Private (Priv. Surface/Federal Minerals)
- Federal (Federal Surface/Federal Minerals)
- Bureau of Land Management-Withdrawn Area
- Bureau of Land Management- Wilderness Study Area
- Bureau of Land Management- (Federal Surface/Federal Minerals)
- State
- Indian Reservation
- National Park Service
- Private
- US Forest Service

Total Acres of Federal Fluid Minerals: 46,273A (100%)  
 BLM Surface over Federal Fluid Minerals: 31,171A (67.37%)  
 Private Surface over Federal Fluid Minerals: 15,102.4A (32.72%)

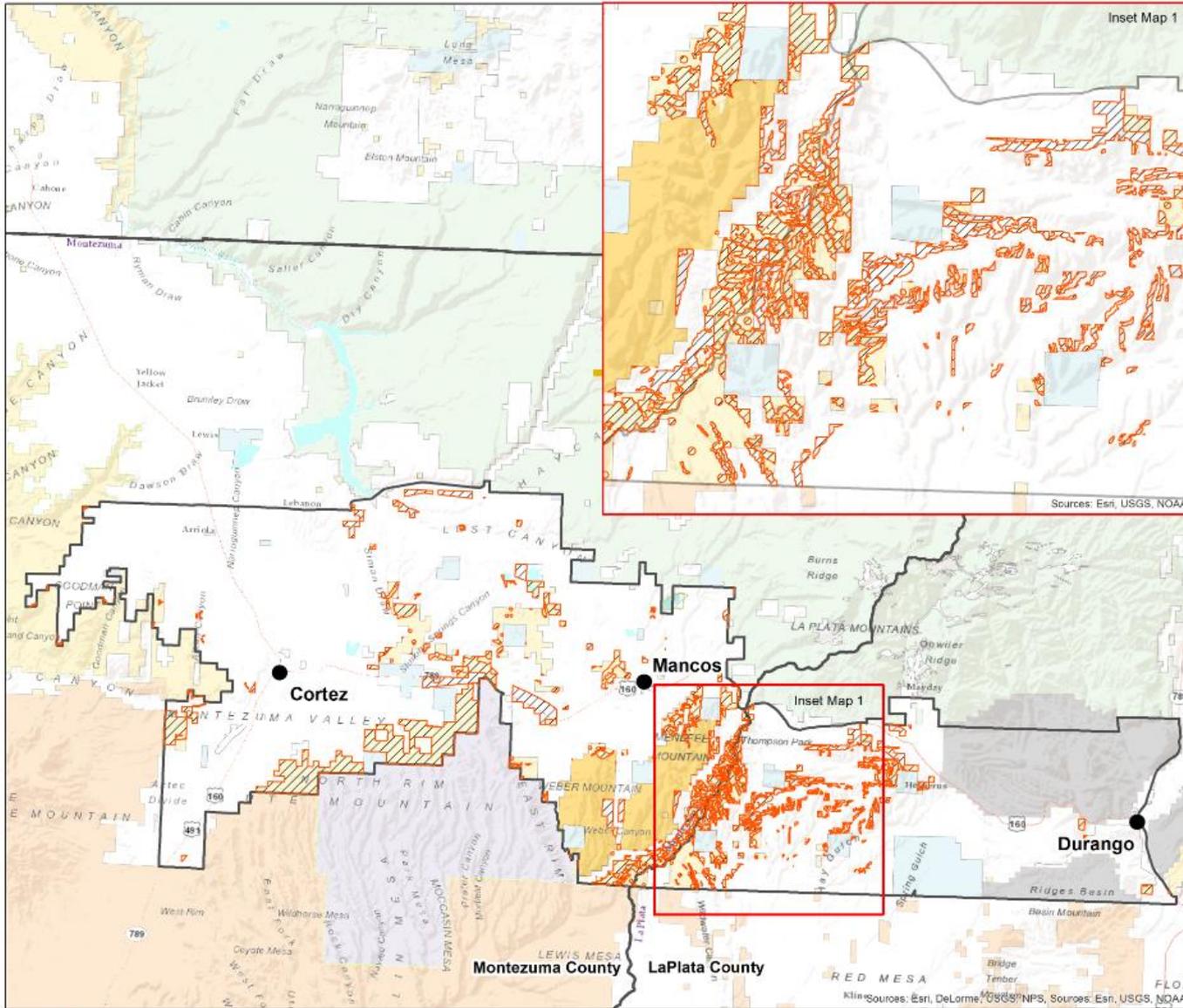
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## Area of Interest NSO (No Surface Occupancy)

- NSO (No Surface Occupancy)
- Bureau of Land Management-Withdrawn Area
- Bureau of Land Management-Wilderness Study Area
- Bureau of Land Management
- State
- Indian Reservation
- National Park Service
- Private
- US Forest Service

NSO (No Surface Occupancy) shown here, is BLM and private surface, with stipulations from the RMP that disallow surface occupancy by oil and gas operators, in lands directly above federal fluid minerals.

**Total Acres of Federal Fluid Minerals: 46,273A (100%)**  
**Total Acres of NSO (BLM & Private) : 26,221.1A (56.6% of total)**  
**Total Acres of BLM W/NSO: 18,081.15A (69% of NSO)**  
**Total Acres of Private W/NSO: 8, 138.85A (31% of NSO)**

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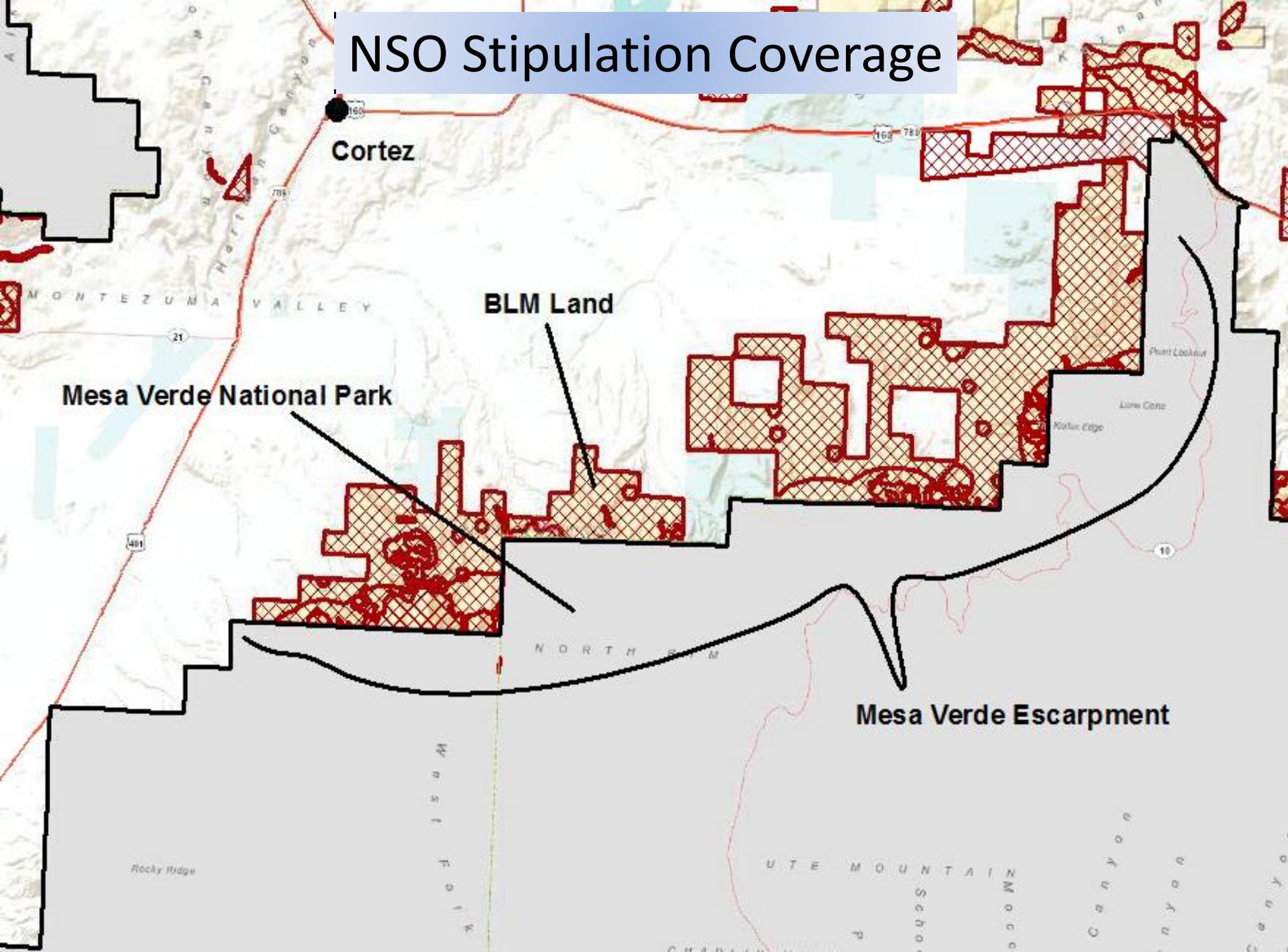


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# NSO Stipulation Coverage

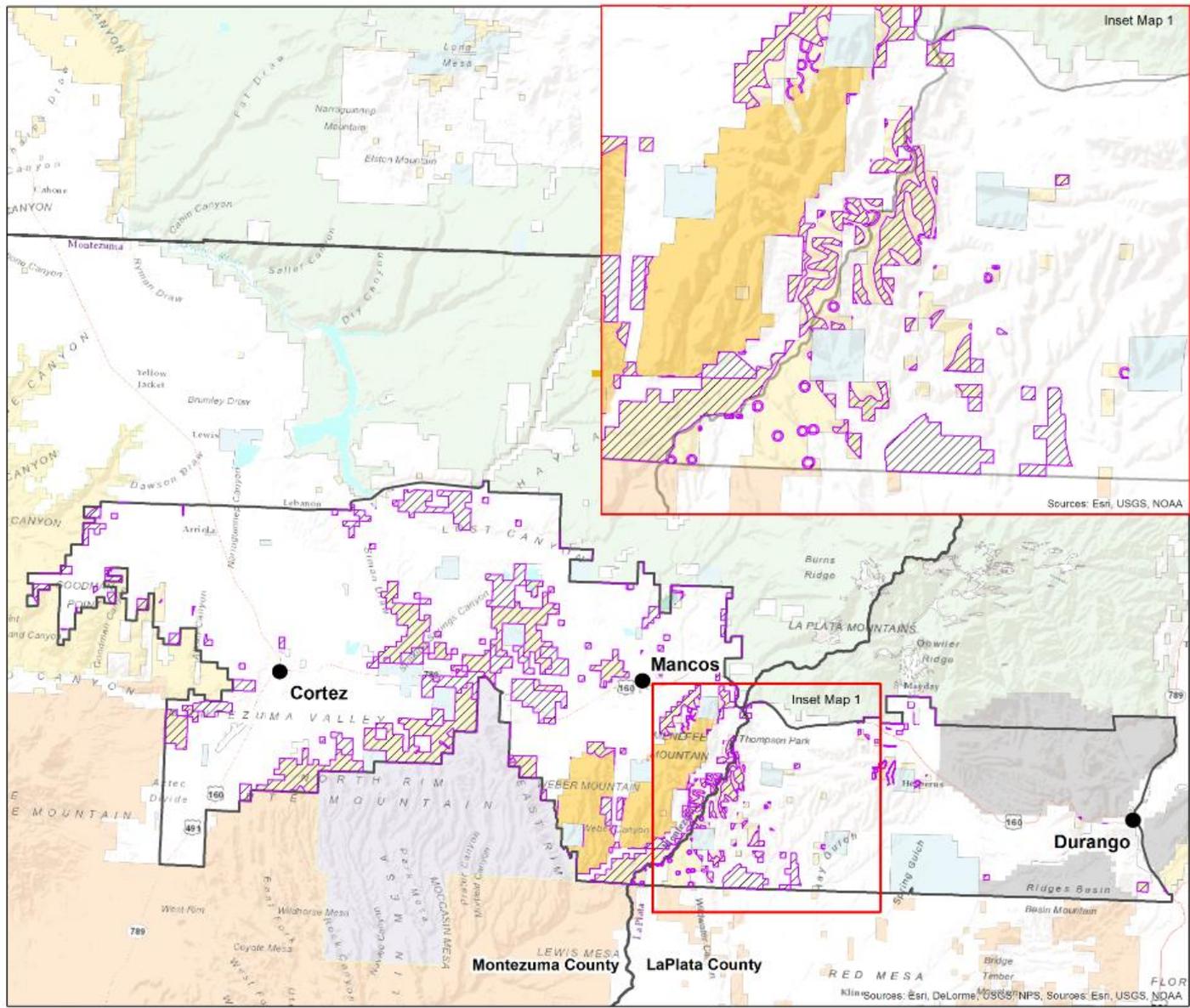


# NSO (No Surface Occupancy)

- Cultural Resources NSO
- Peregrine Falcon Nest NSO
- Perennial Streams, Water Bodies, etc. 325 ft.

## NSO Example

- 3.9 Eagles, All Accipiters, Falcons, Buteos, and Owls
- 3.9.1 No Surface Occupancy
  - **No surface occupancy or use is allowed on the lands described below:**
  - **For the purpose of:**
  - **Justification:**



# Area of Interest CSU (Controlled Surface Use)

- CSU (Controlled Surface Use)
- Bureau of Land Management-Wilderness Study Area
- Bureau of Land Management-Withdrawn Area
- Bureau of Land Management
- State
- Indian Reservation
- National Park Service
- Private
- US Forest Service

**CSU (Controlled Surface Use) shown here, is BLM and private surface, with stipulations from the RMP that mitigate some aspect of surface occupancy, over federal fluid minerals.**  
**Total Acres of Federal Fluid Minerals: 46,273A (100%)**  
**Total Acres of CSU (BLM&Private): 38,503.4A (83.2% of total)**  
**Total Acres of BLM W/CSU: 23,039.2A (59.8% of TL)**  
**Total Acres of Private W/CSU: 15,464.2A (40.2% of TL)**

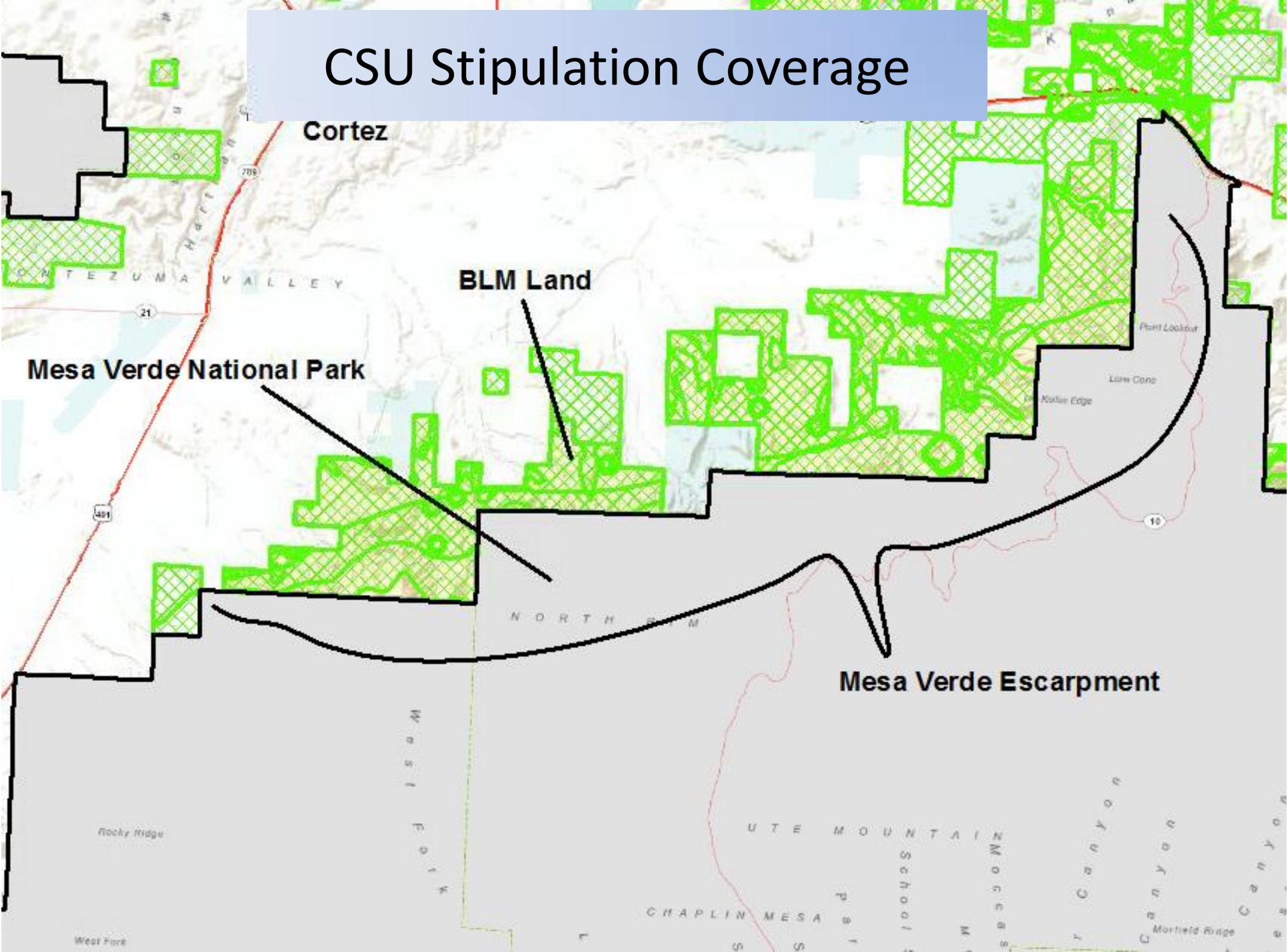


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# CSU Stipulation Coverage



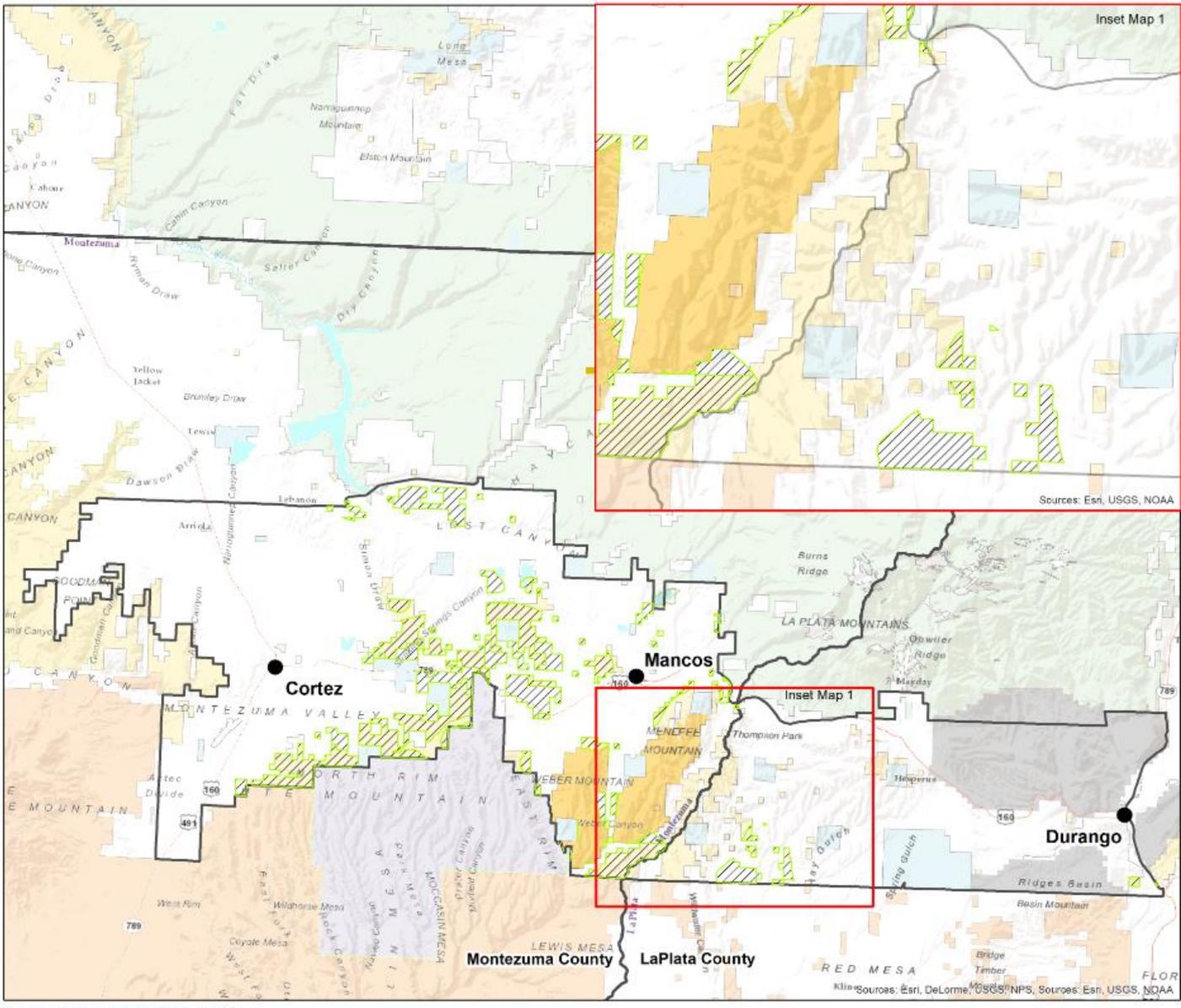


## CSU (Controlled Surface Use)

- Mule Deer Critical Winter Range CSU
- Mule Deer Severe Winter Range CSU
- Mule Deer Concentration Area CSU
- Shale Locations CSU
- Gunnison Prairie Dog CSU
- Perennial Streams, Water Bodies, etc. 325-500ft

# CSU Example

- 3.10. Big Game
- 3.10.2 CSU-Severe Winter Range, Winter Concentration and Mule Deer Critical Winter Range and Big Game Production Areas
  - **Surface occupancy or use is subject to the following special operating constraints:**
  - **For the purpose of:**
  - **Justification:**



# Area of Interest TL (Timing Limitation)

- TL (Timing Limitation)
- Bureau of Land Management- Wilderness Study Area
- Bureau of Land Management-Withdrawn Area
- Bureau of Land Management
- State
- Indian Reservation
- National Park Service
- Private
- US Forest Service

TL (Timing Limitation) shown here, is BLM and private surface, with stipulations from the RMP that disallow surface use by oil and gas operators for specific times of the year, in lands directly above federal fluid minerals.

Total Acres of Federal Fluid Minerals: 46,273A (100%)  
 Total Acres of TL (BLM & Private): 28,089.7A (60.7% of total)  
 Total Acres of BLM W/TL: 16,622A (59.2% of TL)  
 Total Acres of Private W/TL: 11,467.2A (40.8% of TL)

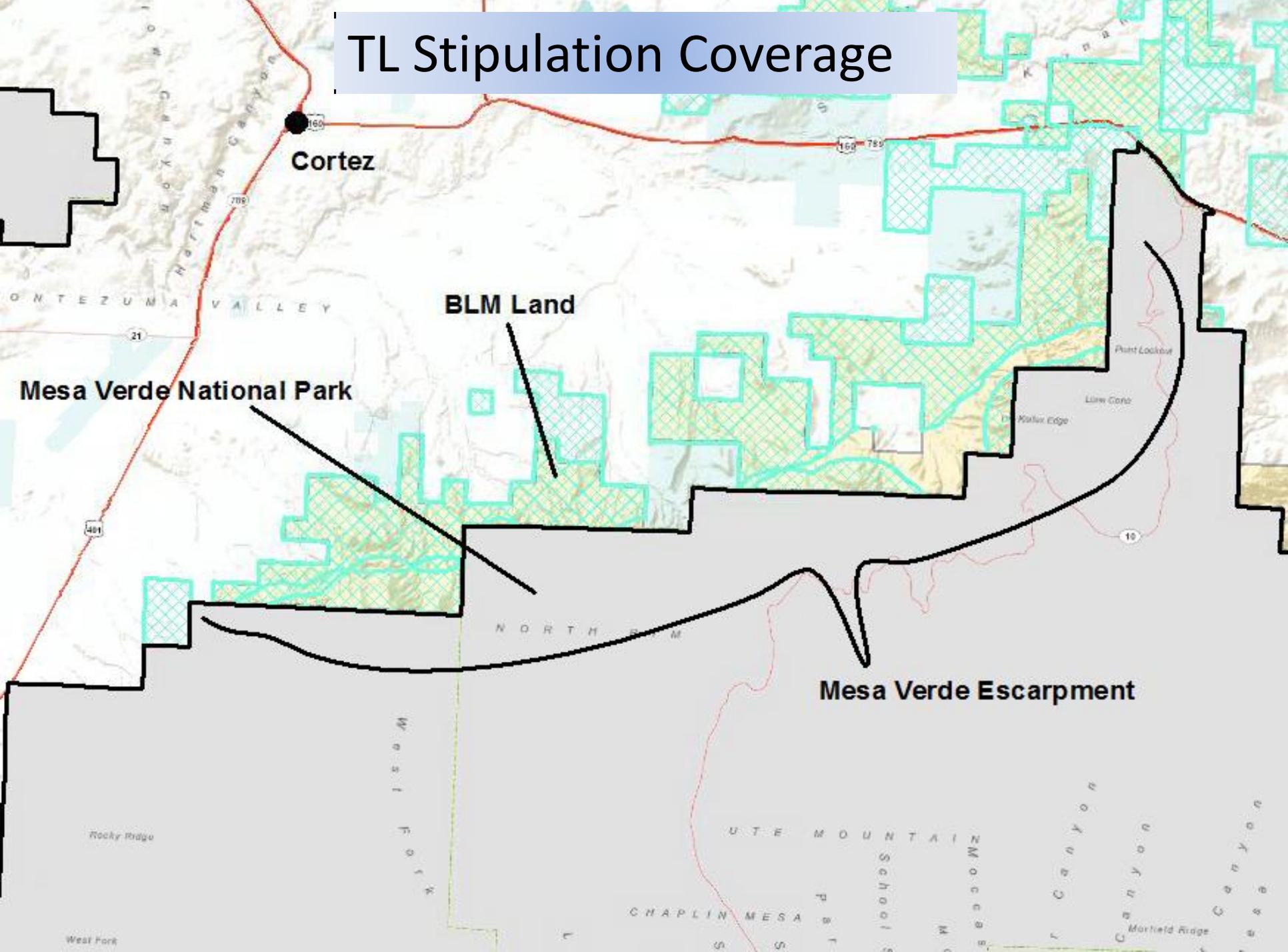


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# TL Stipulation Coverage



## TL (Timing Limitation)

- Mule Deer Winter Concentration Area TL
- Mule Deer Critical Winter Range TL
- Mule Deer Severe Winter Range TL
- Peregrine Falcon Nest TL



# Timing Limitation Example

- 3.10. Big Game
- 3.10.3 Timing Limitation-Big Game
  - **No surface use is allowed during the following time periods:**
    - Mule deer: December 1 through April 30
    - Pronghorn antelope: December 1 through April 30
    - Rocky Mountain bighorn sheep: November 1 through April 15
    - Desert bighorn sheep: December 1 through April 30
    - Elk: December 1 through April 30
  - **On the lands described below:**
  - **For the purpose of:**
  - **Justification:**

# Lease Sale Process

- Why does the BLM conduct lease sales? (43 CFR 3101)
- What is “Leasing Reform”
  - Additional opportunity for public involvement
  - ID Team review and NEPA compliance
  - Evaluation of adequacy of stipulations applied to parcels in RMP
  - Parcels offered for bid
  - Issuance of a lease does not authorize oil and gas related ground disturbance (approved APD required)

# Well Permitting and Development APD Process

Receive NOS (Notice of Staking) From Lease Holder (Oil and Gas Operator)

## Onsite

- Discussion with Operator
- Discussion with other Landowner

## NEPA Document Preparation

- Site-specific NEPA analysis
  - EA or DNA
  - ESA and NHPA compliance
  - Tiered to RMP
  - Posted for public review/comment
  - Produces additional COAs

## Sign NEPA Document FONSI and DR

- Alternatives chosen with additional COAs for project.

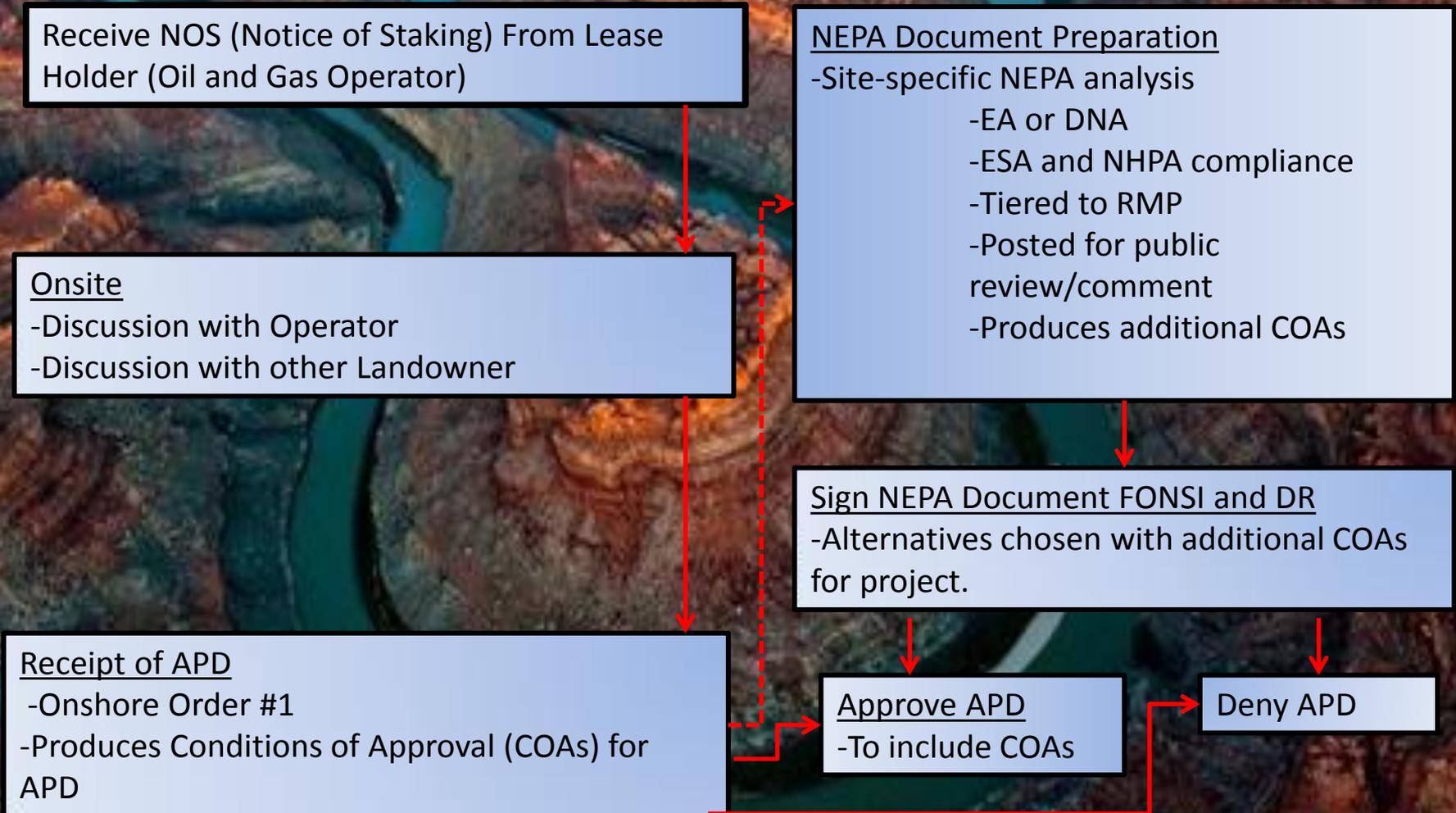
## Receipt of APD

- Onshore Order #1
- Produces Conditions of Approval (COAs) for APD

## Approve APD

- To include COAs

Deny APD



Questions?

