

White River Data Management System

Presentation to NWRAC

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Background

- Currently reclamation is managed by operators that provide status reports to the BLM with disturbance and vegetation monitoring.
 - Lack a comprehensive database in order to track reclamation.
 - Lack of consistency in data collection.
 - How to track thresholds for Oil and Gas RMPA/EIS?
- These can lead to further inefficiency.

Solutions

- Resource Area wide database by operator/seasonal range.
- Ability to track disturbance/reclamation.
- Accurate monitoring for reclamation success.
- Uniformity in data received.

WRDMS

- The solutions previously mentioned can be achieved with the aid of this single data management system.
- Can be utilized/accessed by BLM, Operators and Public.
- Tracks by Operator, lease holder, and seasonal big game range.

WRDMS

- Track and organize reclamation status data
- Consistent and more uniform format for all operators
- System will be able to send notifications to appropriate BLM staff with status changes.
- BLM able to more efficiently prioritize workloads with access to the WRDMS data.

WRDMS

- Track threshold usage.
- Operators can utilize the system for track their own disturbance/reclamation statuses.
- Operators will be able to use the system to aid in planning for future development and effects to threshold capacity.
- Public will be able to view summary data on disturbance and reclamation.

WRDMS

- Different WRDMS user types will have different permissions.
 - Protection from operators accidentally entering data for the wrong well location (another operators).
 - Public will be able to view, but not edit information.
- Able to generate summary reports.

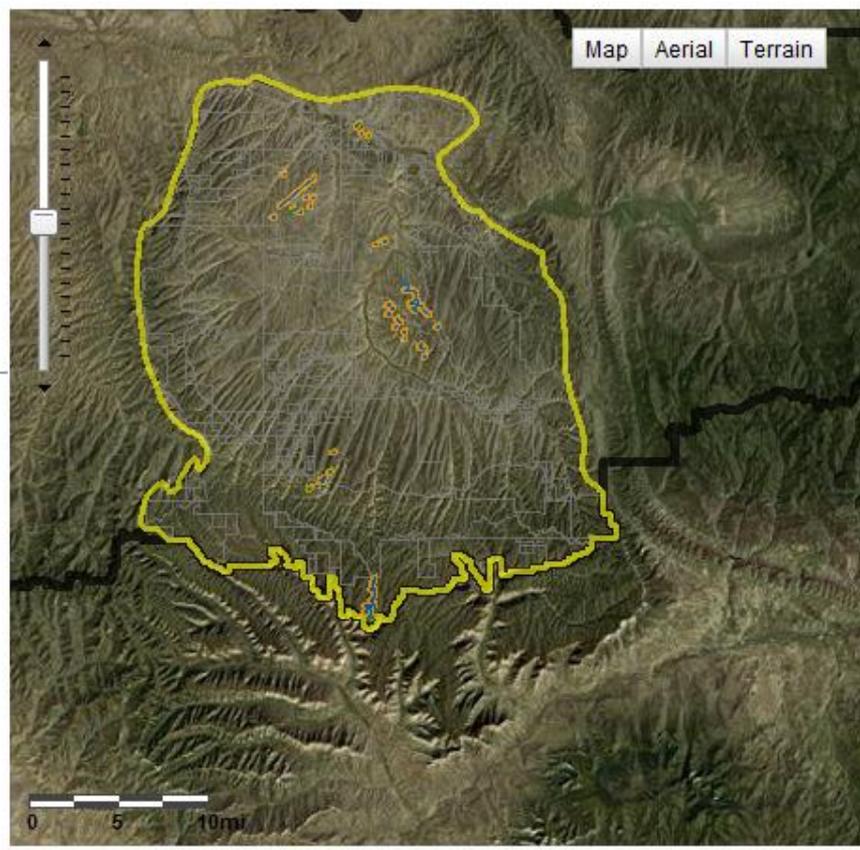
Welcome to The White River Field Office Data Management System

Refresh Map

Type: All Types

- Show Disturbances
- Show Reclamations
- Show Buffered Areas

Printable Map



Mesa Verde Status Summary:

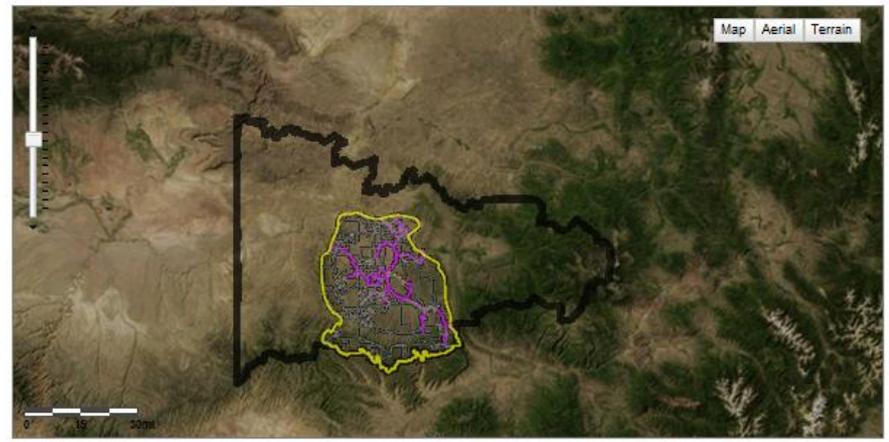
| Status | # Pads | Unreclaimed Acres |
|--------------|--------|-------------------|
| Planned | 19 | 81.90 |
| Construction | 10 | 50.09 |
| Drilling | 4 | 8.97 |
| Completion | 2 | 6.65 |
| Production | 16 | 48.73 |
| Abandoned | 2 | 3.45 |

Reclamation Status Summary:

| Reclamation | # Pads | Initiated Acres | # Pads | Acres Met Stds/Appr |
|-------------------|--------|-----------------|--------|---------------------|
| Phase II | 9 | 20.16 | 6 | 10.44 |
| Final Abandonment | 2 | 1.62 | 0 | 0 |



Lease/Unit Operator Summary Page



Map Controls:
 Type: [click for definitions](#)
 All Types
 Show Disturbances
 Show Reclamation Areas
 Show Buffer Areas
 Refresh Map

Lease/Unit Summary:

| Status | # Pads | Unreclaimed Acres |
|--------------------|----------|-------------------|
| Planned Unapproved | 5 | 71.72 |
| Planned Approved | 1 | 13.44 |
| Construction | 0 | 0.00 |
| Drilling | 0 | 0.00 |
| Completion | 0 | 0.00 |
| Production | 0 | 0.00 |
| Abandoned | 1 | 87.61 |
| Total | 7 | 172.77 |

Downloads:

- ESRI Shapefile (.shp)
- Microsoft Excel (.xls)
- Adobe Acrobat (.pdf)

Reclamation Status Summary:

| Reclamation | # Pads | Initiated Acres | # Pads | Acres Meeting Stds/Approved |
|-------------------|--------|-----------------|--------|-----------------------------|
| Phase II | 0 | 0 | 0 | 0 |
| Final Abandonment | 0 | 0 | 0 | 0 |

Threshold Tracking

| Range and Status | Pads | Buffered Disturbance Acres | Total Range Acres | Max Threshold Acres | Threshold Used |
|---------------------------------------|------|----------------------------|-------------------|---------------------|----------------|
| Summer Range Acute | 0 | 0.00 | 11,320.24 | 1,132.02 | 0% |
| Summer Range Collective | 0 | 0.00 | 11,320.24 | 2,264.05 | 0% |
| Winter Range Acute | 0 | 0.00 | 70,867.67 | 7,086.77 | 0% |
| Winter Range Collective | 0 | 0.00 | 70,867.67 | 14,173.53 | 0% |
| Severe Winter Acute | 0 | 0.00 | 70,263.1 | 3,513.16 | 0% |
| Severe Winter Collective | 0 | 0.00 | 70,263.1 | 7,026.31 | 0% |
| Winter Concentration Areas Acute | 0 | 0.00 | 0 | 0 | 0% |
| Winter Concentration Areas Collective | 0 | 0.00 | 0 | 0 | 0% |
| Winter Conc./Severe Winter Acute | 0 | 0.00 | 0 | 0 | 0% |
| Winter Conc./Severe Winter Collective | 0 | 0.00 | 0 | 0 | 0% |

Listing: All

| Name | Type | Range Type | Operator | Dist. Acres | Recl. Acres | Reclamation Approved | Last Seeding | Latest Belt Transect | Last Spatial | Last Qual. | Last Intercept | Status |
|------|------|------------|----------|-------------|-------------|----------------------|--------------|----------------------|--------------|------------|----------------|--------|
|------|------|------------|----------|-------------|-------------|----------------------|--------------|----------------------|--------------|------------|----------------|--------|

Lease/Unit Operator Summary Page:



Map Controls:

Type:

 Show Disturbances
 Show Reclamation Areas
 Show Buffer Areas

Lease/Unit Summary:

| Status | # Pads | Unreclaimed Acres |
|---------------------|--------|-------------------|
| Planned | 14 | 81.09 |
| Construction | 2 | 10.11 |
| Drilling | 0 | 0.00 |
| Completion | 0 | 0.00 |
| Production | 4 | 10.16 |
| Abandoned | 0 | 0.00 |
| Total | 20 | 101.36 |

Downloads:

- [ESRI Shapefile \(shp\)](#)
- [Microsoft Excel \(xls\)](#)
- [Adobe Acrobat \(pdf\)](#)

Reclamation Status Summary:

| Reclamation | # Pads | Initiated Acres | # Pads | Acres Stds/ |
|--------------------------|--------|-----------------|--------|-------------|
| Phase II | 1 | 0.78 | 3 | 4.28 |
| Final Abandonment | 0 | 0 | 0 | 0 |

Location: pad103 Operator: Exxon/XTO Leaseholder: EXXON MOBIL CORP Severe Winter Range

Navigation:

- Summary
- Status Reports
- Spatial Reports
- Photographs

- Facility 123
- pad101
- pad101-Road
- pad103
- pad103-Road
- pad104
- pad105

Downloads:

- ESRI Shapefile

Location Status:

Type: Well Pad
 Range Site: PJ Woodlands
 Status: [production](#)
 Reclamation Status: Phase II Successful
 Latest Spatial Report: [09/16/2012](#)
 Disturbed Acreage: 2.27 acres
 Reclamation: 2.27 acres
 Number of trips to this pad/week: 0

[Show/Edit Bmp Answers](#)

This location has no status reports. Perhaps you would like to [add one](#)?



Map Legend

- Selected Location's Surface Disturbance
- Selected Location's Reclamation

Printable Map

Navigation:

- Summary
- Status Reports
- Spatial Reports
- Photographs
- 297-2A5
- 52-19G
- Facility 123
- pad101
- pad101-Road
- pad103
- pad103-Road

Downloads:

- ESRI Shapefile
- Microsoft Excel

Location Status:

Type: Well Pad
 Range Site: PJ Woodlands
 Status: production
 Reclamation Status: Phase II Successful
 Latest Spatial Report: 09/16/2012
 Disturbed Acreage: 8.70 acres
 Reclamation: 0.87 acres
 Number of trips to this pad/week: 0

[Show/Edit Bmp Answers](#)

This location has no status reports. Perhaps you would like to [add one?](#)

Pad History:

Nov/09/2012 Status from Construction to Production
 Nov/09/2012 Reclamation Status from null to Phase II Successful
 Oct/10/2012 Status from Abandoned to Construction
 Oct/10/2012 Reclamation Status from Final Reclamation Successful to null
 Sep/20/2012 Status from Planned to Abandoned
 Sep/20/2012 Reclamation Status from null to Final Reclamation Successful
 Sep/20/2012 Status from Completion to Planned



Map Legend

- Selected Location's Surface Disturbance
- Selected Location's Reclamation
- Other Location Surface Disturbance
- Other Location Reclamation
- Disturbance Buffer

[Printable Map](#)

Most Recent Photographs: [\(Add Photograph\)](#)

No photographs for this location.

BMP Answers for Pad pad101

- Do you employ centralized fracturing and water piping? Yes No
- Do you have offsite centralized production facilities? Yes No
- Do you employ fully automated remote production monitoring (e.g. remote telemetry)? Yes No
- Do you employ partially automated remote production monitoring (e.g. remote telemetry)? Yes No
- Do you employ a 3 phase liquids-gathering system? Yes No
- If so, were consolidated pipelines installed during initial project construction? Yes No
- Is the well pad pit-less? Yes No
- Are there multiple well per pad using directional drilling? Yes No
- Do you bus work crews to reduce truck traffic? Yes No
- Do you have measures to minimize production noise? Yes No

Update Cancel

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WRFO Version 1.0.7, env=beta

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WRFO Reports

| | | | |
|---|--|---|---|
| Report Title: | Enter text to display at top of report: <input type="text"/> | | |
| Scope: | Operator: <ul style="list-style-type: none">AllALAMO CORPORATIONALPINE OIL & GAS CORPAMERICAN COMETRA INCAMERICAN RESOURCES MGMT CORP | Location Type: <ul style="list-style-type: none">AllWell PadRoadPipelineOther | |
| Spatial Reports: | Disturbance: <ul style="list-style-type: none">EitherHas DisturbanceNo Disturbance | Latest Report: <input type="text"/> than <input type="text"/> 03/03/2014 | Min Disturbance: <input type="text"/> acres Max Disturbance: <input type="text"/> acres Min Reclamation: <input type="text"/> acres Max Reclamation: <input type="text"/> acres |
| | Reclamation: <ul style="list-style-type: none">EitherHas ReclamationNo Reclamation | | |
| Status Reports: | Status: <ul style="list-style-type: none">AnyPlannedConstructionDrilling | Qualitative: <ul style="list-style-type: none">EitherHas QualitativeNo Qualitative | Latest Qualitative: <input type="text"/> than <input type="text"/> 03/03/2014 Latest Intercept: <input type="text"/> than <input type="text"/> 03/03/2014 Latest Seeding: <input type="text"/> than <input type="text"/> 03/03/2014 |
| | | Intercept: <ul style="list-style-type: none">EitherHas InterceptNo Intercept | |
| Output Modes: | Format: <ul style="list-style-type: none">On-screen List (HTML)Interactive MapAcrobat Reader (PDF)Microsoft Excel (XLS)ESRI Shapefile (ZIP) | Sort by: <input type="text"/> Operator Name, Location Name | Ordered: <input type="text"/> Ascending |
| Weed Status: | Select one or many: <input type="text"/> Noxious <input type="text"/> Undesirable | | |
| Noxious or Undesirable Weed Species: | Select one or many: <input type="text"/> ACRE3 (Acroptilon repens - hardheads) <input type="text"/> ACROP (Acroptilon - hardheads) <input type="text"/> AECY (Aegilops cylindrica - jointed goatgrass) <input type="text"/> AGCR (Agropyron cristatum - crested wheatgrass) | | |
| Seeding Method: | Select one or many: <input type="text"/> Broadcast | | |

Questions?

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