

APPENDIX 1

WYOMING'S

OIL AND GAS LEASING REFORM MASTER LEASING PLANS

EXTERNAL MLP NOMINATION EVALUATION PRELIMINARY GIS SCREEN

OCTOBER 2010

Preliminary GIS Screening Process

Introduction

Wyoming BLM received a total of 21 unique Master Leasing Plan nominations from eleven different external parties. A Geographic Information System (GIS) and existing data were used to evaluate each of the proposed MLPs against Criteria 1 through 3 outlined in Washington Office Instruction Memorandum No. 2010-117. Of the 21 MLP proposals evaluated, only one met all three of the Criteria for development of a MLP. This report contains detailed information for each proposed MLP.

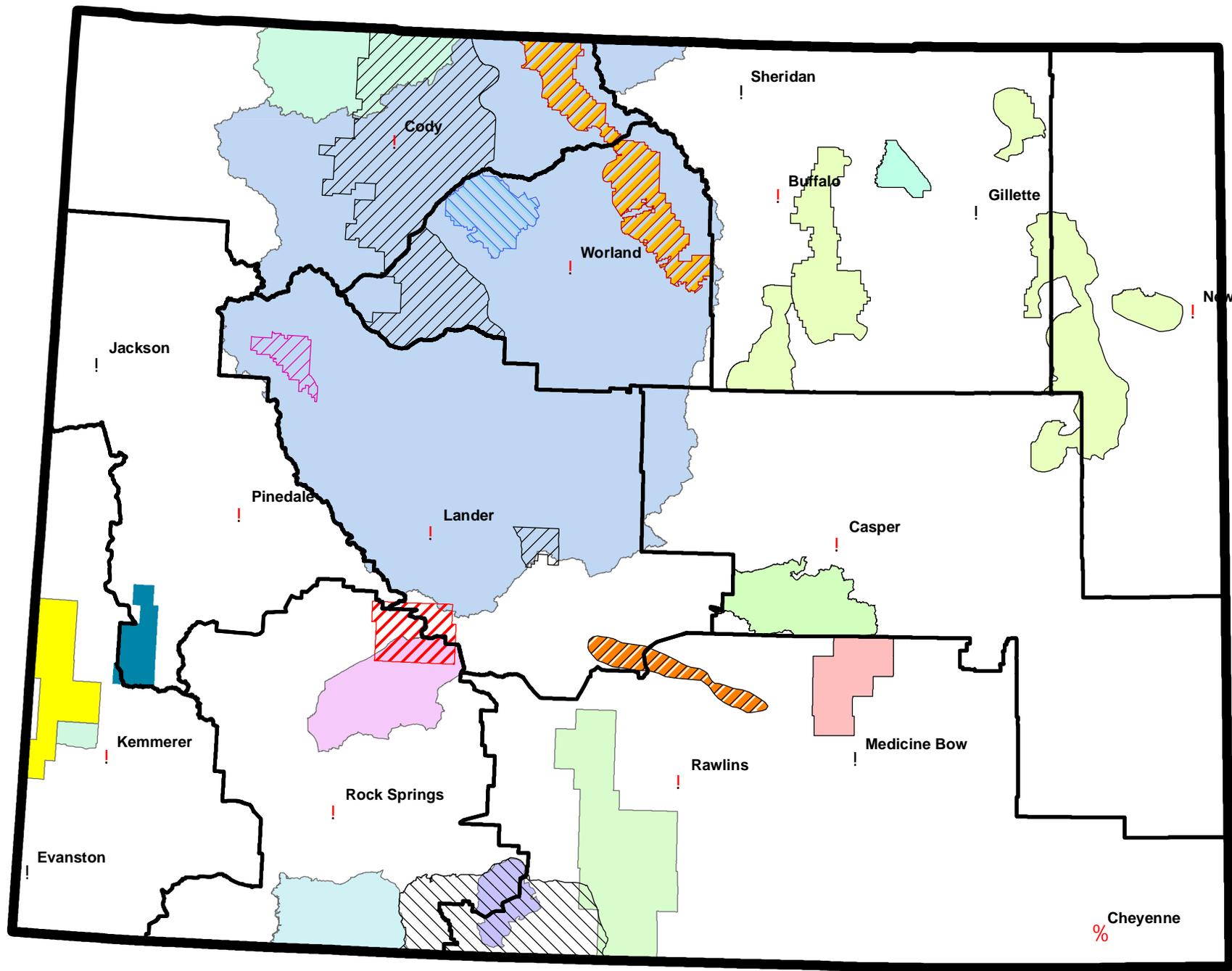
Analysis Process

Boundaries of the proposed MLPs were developed from maps, descriptions or GIS files provided by the proponent. Each boundary was evaluated in GIS to determine the amount of Federal Oil and Gas estate, the amount of unleased Federal Oil and Gas estate, and the oil and gas development potential as defined in existing reasonable foreseeable development (RFD) documents.

Data Limitations

Determination of unleased Federal Oil and Gas estate requires the creation of polygons which reflect existing leases in LR2000. Wyoming BLM uses data from Premier Data Services and land parcel data to generate these polygons. When there is a difference in the Premier data and the land parcel data relating to lots and aliquots, a polygon is not generated for the leased parcel. This results in some parcels which are leased being identified as unleased in the final GIS coverage. The only way to correct this error is to manually edit each of the parcels identified in the error log. There was not sufficient time to manually edit the entire “unleased GIS” coverage for the state. This error will result in slightly higher values for “unleased oil and gas” acreages in some of the proposed MLPs. Since this error over estimates the amount of unleased Federal Oil and Gas it produced a conservative estimate of the lands which could be considered under Criteria 1. On the accompanying maps, some areas may show existing wells on parcels identified as “unleased”. The wells are not in trespass, but rather reflect the parcels where there is an error in the mineral leasing status on the GIS coverage generated from the Premier data.

Wyoming External MLP Nominations



Master Leasing Plan (MLP) Assessment

State Office: Wyoming

Field Office: Buffalo

Date: 10-21-10

Name and Location of MLP Area: Fortification Creek. (MLP #1)

Internal or External Proposal? Nominated by the Wyoming Outdoor Council and the Powder River Basin Resource Council.

Does the area meet the criteria and qualify for MLP analysis?

No.

How and when will areas qualifying for MLP analysis be addressed?

No MLP required.

Describe the process used for review:

No map was provided by the proponent. Based on the written description, the MLP boundary was established as the Fortification Creek Management Area as currently defined in the Buffalo Field Office.

GIS themes were assembled for the following values:

1. Surface Ownership.
2. Federal Oil and Gas Ownership.
3. Unleased Federal Oil and Gas Ownership.
4. Oil and Gas Development Potential as defined in existing RFDs.
5. Expressions of Interest defined by lease parcel nominations for the past 3 years.
6. Existing Oil and Gas Fields.
7. Existing Active Oil and Gas Wells.

Using GIS based analysis values were computed for the entire proposed MLP to determine:

1. Percentage of the area which is currently unleased (Federal Oil and Gas Estate).
2. Percentage of the area which is Federal Oil and Gas Estate.
3. Percentage of the area which has Very High, High or Moderate Oil and Gas Development Potential as defined in existing RFDs.

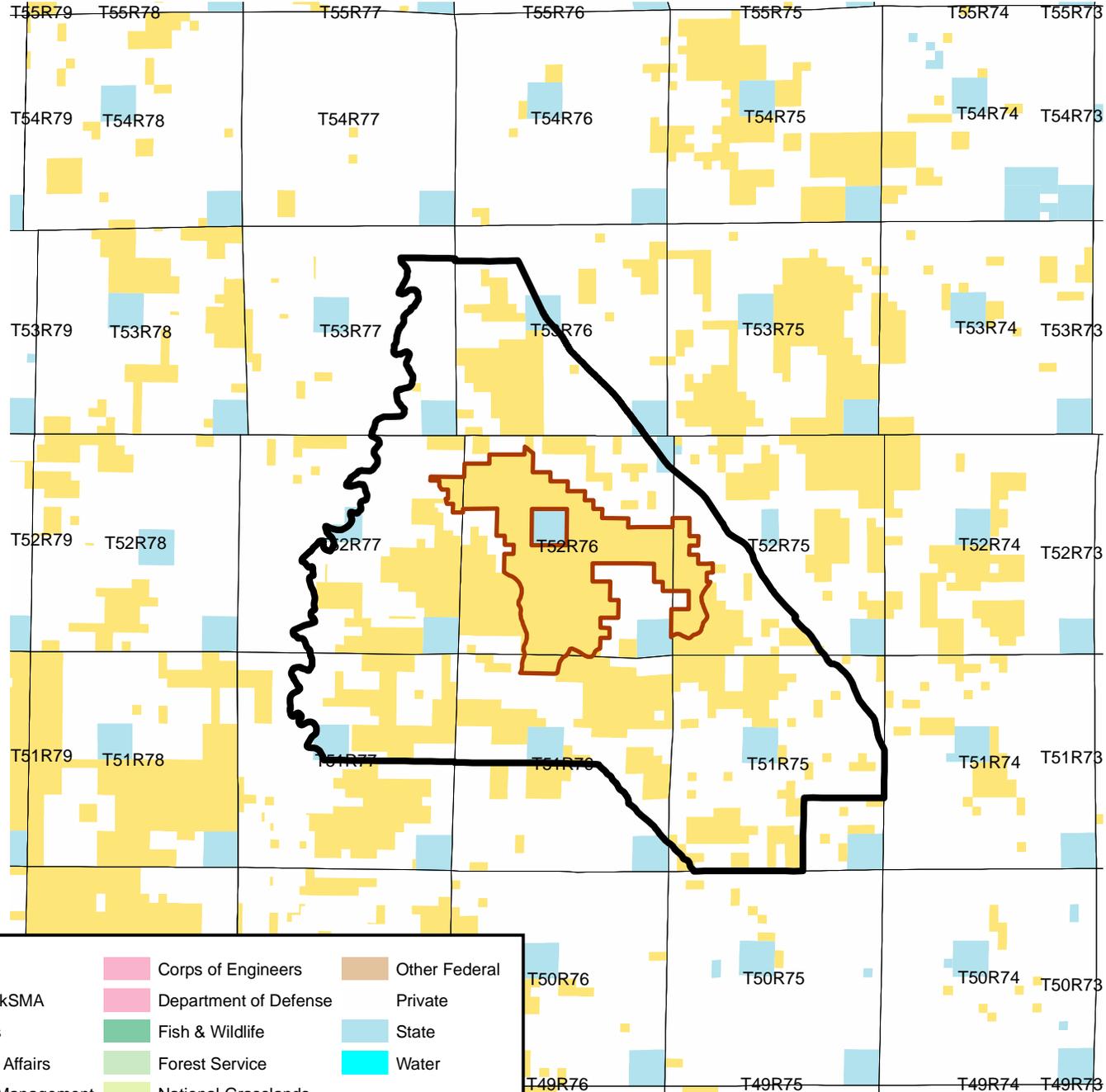
Describe how and why each of the following criteria are met or not met: (Describe in detail)

- 1. A substantial portion of the area to be analyzed in the MLP is not currently leased.**
- 2. There is a majority Federal mineral interest.**
- 3. The oil and gas industry has expressed a specific interest in leasing, and there is a moderate or high potential for oil and gas confirmed by the discovery of oil and gas in the general area.**

MLP Total Area (Acres)	BLM Surface (Acres)	Federal Oil and Gas (Acres)	Percent of Proposed MLP That is Federal Oil and Gas	Percent of Proposed MLP That is UNLEASED Federal Oil and Gas	Percent of Proposed MLP with High or Moderate Potential for Discovery of Oil and Gas.
100,654	42,752	79,393	78.9%	14.4%	88.0%

Only 14.4% of the proposed Fortification Creek MLP Area is Unleased Federal Oil and Gas Mineral Estate so the area does not meet Criteria 1.

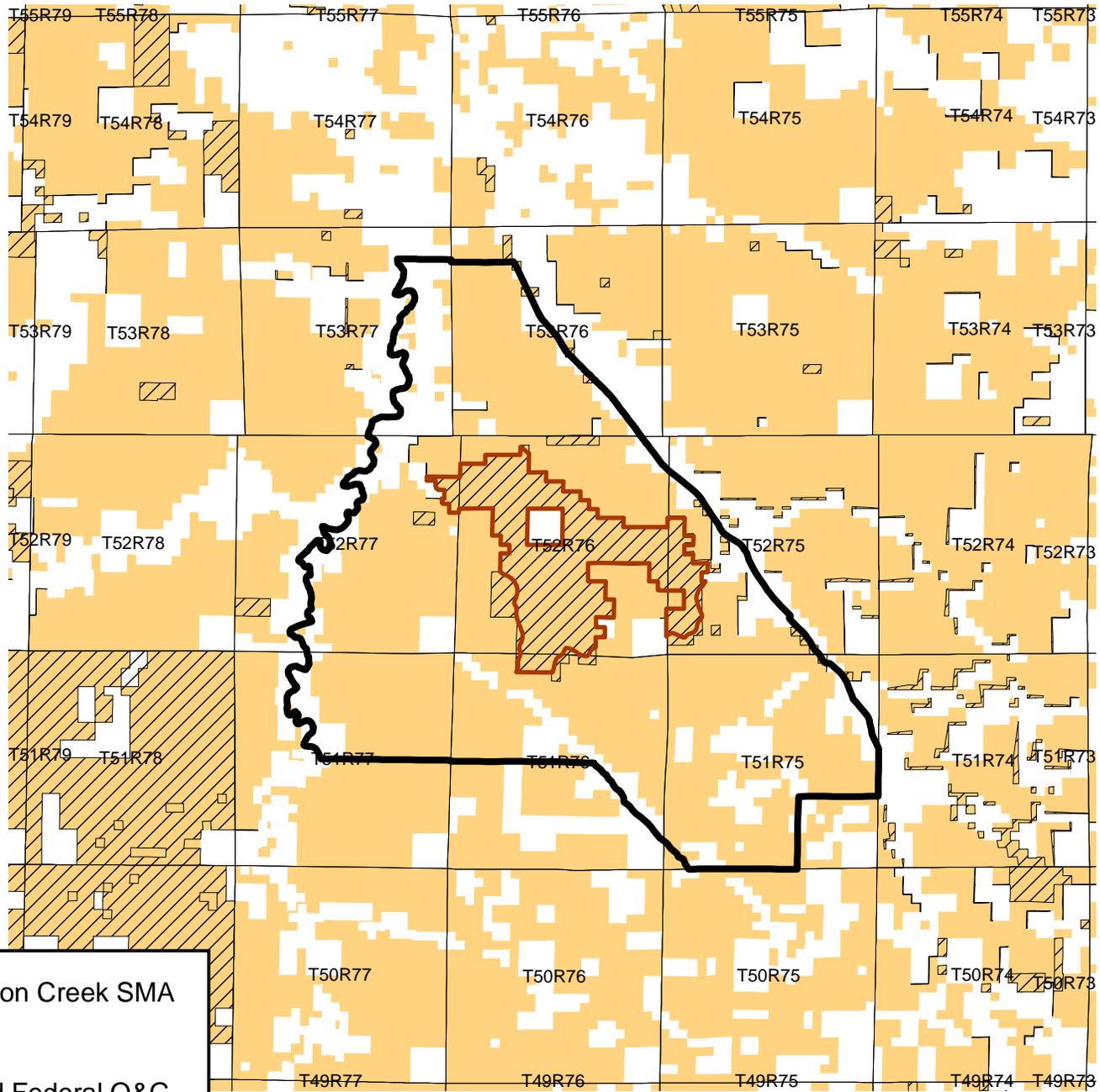
Fortification Creek Surface Ownership



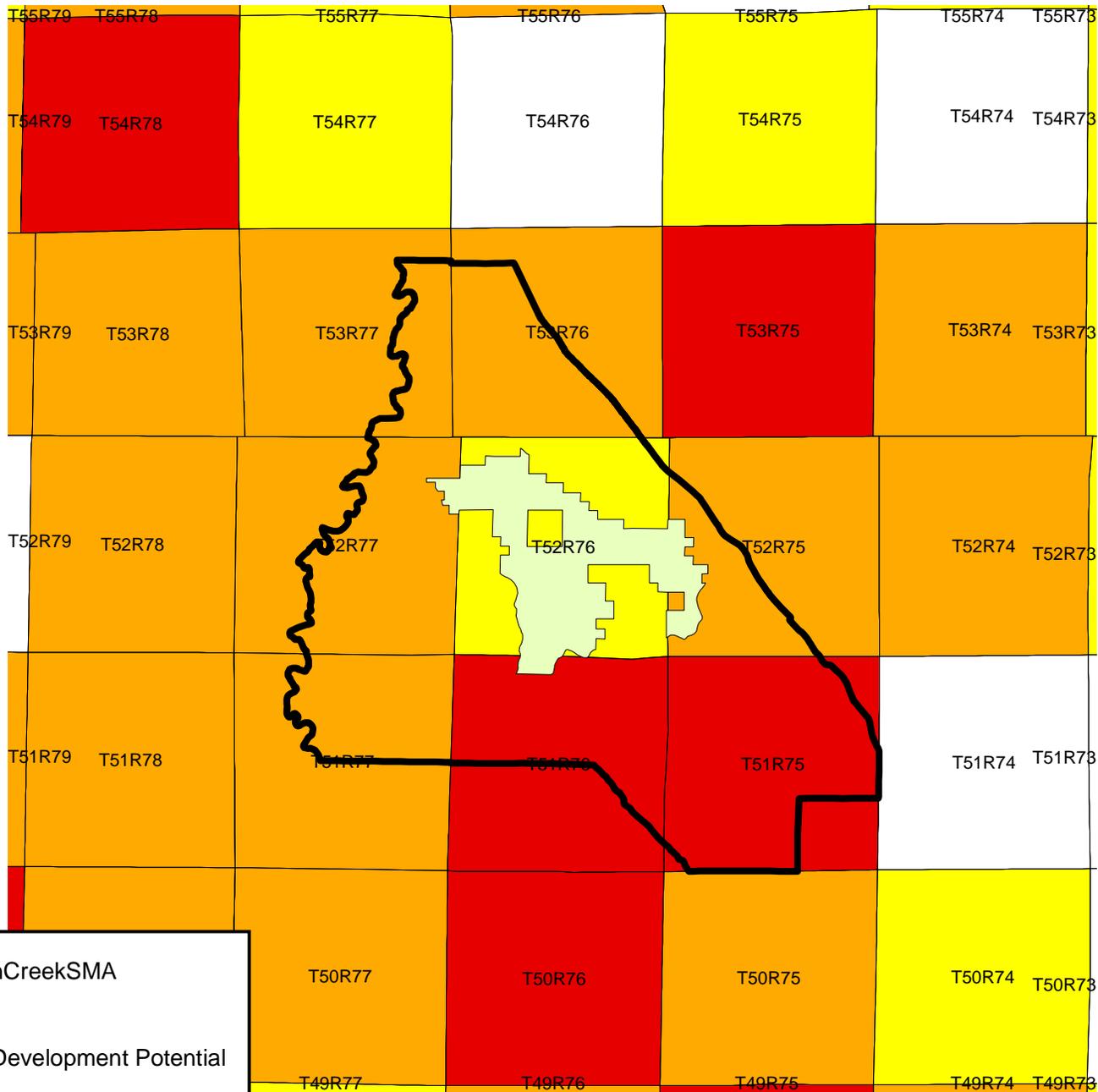
	WSAs		Corps of Engineers		Other Federal
	FortificationCreekSMA		Department of Defense		Private
	Bankhead Jones		Fish & Wildlife		State
	Bureau of Indian Affairs		Forest Service		Water
	Bureau of Land Management		National Grasslands		
	Bureau of Reclamation		National Park Service		



Fortification Creek Oil & Gas Ownership



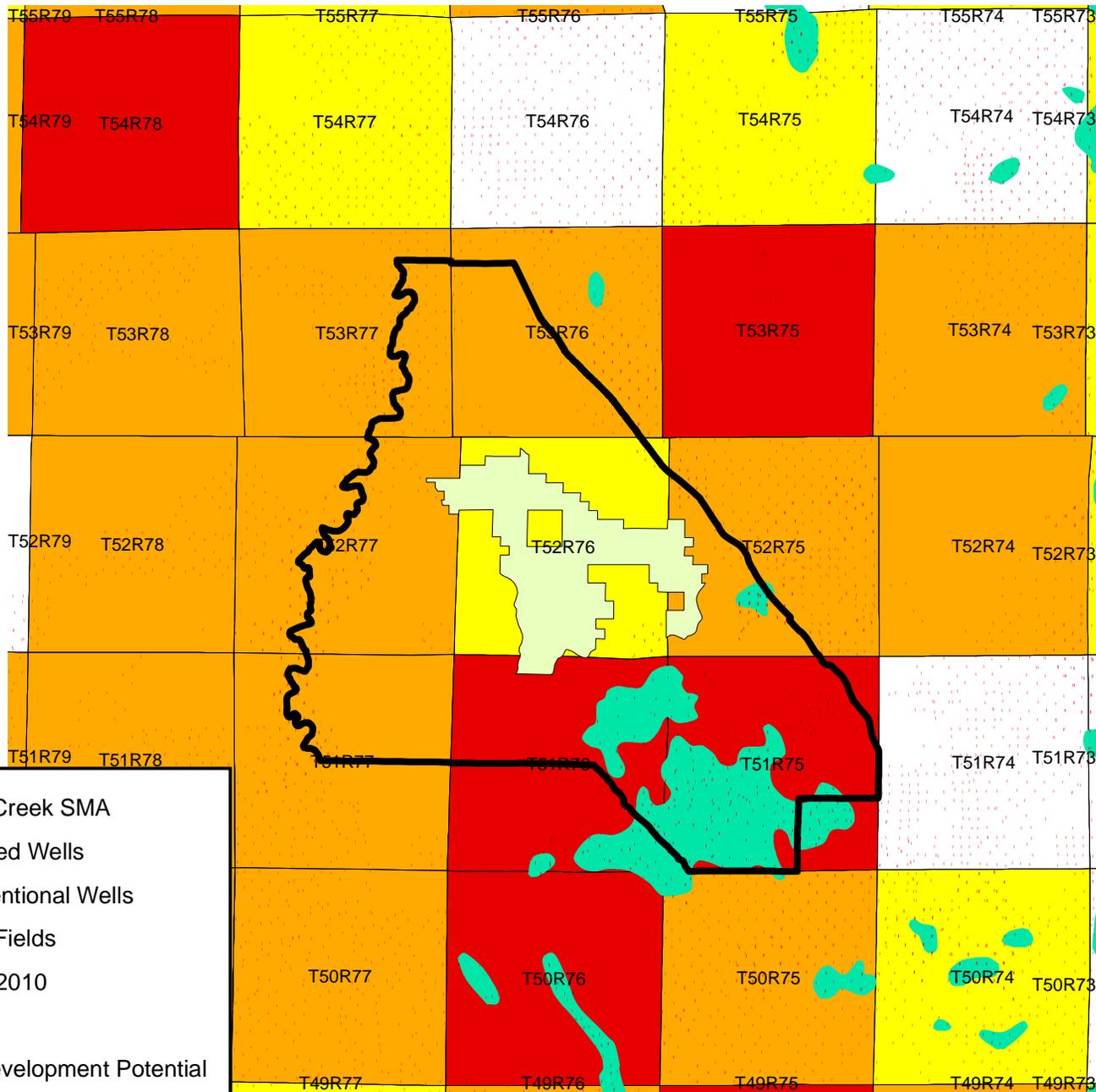
Fortification Creek Oil & Gas Development Potential



-  FortificationCreekSMA
-  WSAs
-  Very High Development Potential
-  High Development Potential
-  Moderate Development Potential



Fortification Creek Existing Oil & Gas Development



-  Fortification Creek SMA
-  Active Coalbed Wells
-  Active Conventional Wells
-  Oil and Gas Fields
-  EOI 2007 to 2010
-  WSAs
-  Very High Development Potential
-  High Development Potential
-  Moderate Development Potential



Master Leasing Plan (MLP) Assessment

State Office: Wyoming
Field Office: Buffalo and Newcastle
Date: 10-21-10

**Name and Location of MLP Area: Northeast Wyoming Sage-grouse
Core Areas. (MLP #2)**

Internal or External Proposal? Nominated by the Powder River Basin Resource Council.

Does the area meet the criteria and qualify for MLP analysis?

No.

How and when will areas qualifying for MLP analysis be addressed?

No MLP required.

Describe the process used for review:

No map was provided by the proponent. Based on the written description, the MLP boundary was established using all State of Wyoming Sage-grouse Core Areas that border the Buffalo and Newcastle Field Offices.

GIS themes were assembled for the following values:

1. Surface Ownership.
2. Federal Oil and Gas Ownership.
3. Unleased Federal Oil and Gas Ownership.
4. Oil and Gas Development Potential as defined in existing RFDs.
5. Expressions of Interest defined by lease parcel nominations for the past 3 years.
6. Existing Oil and Gas Fields.
7. Existing Active Oil and Gas Wells.

Using GIS based analysis values were computed for the entire proposed MLP to determine:

1. Percentage of the area which is currently unleased (Federal Oil and Gas Estate).
2. Percentage of the area which is Federal Oil and Gas Estate.
3. Percentage of the area which has Very High, High or Moderate Oil and Gas Development Potential as defined in existing RFDs.

Describe how and why each of the following criteria are met or not met: (Describe in detail)

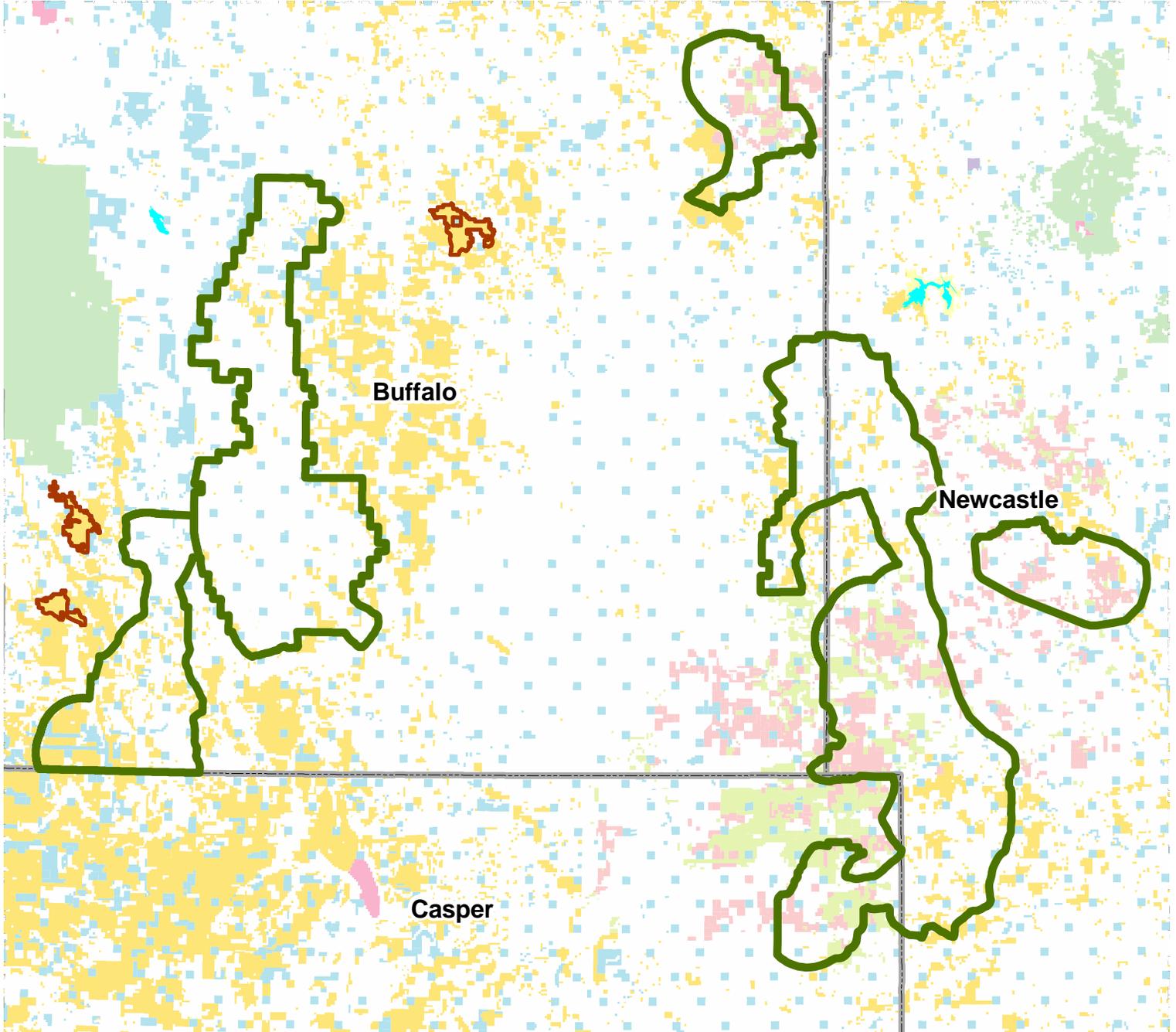
- 1. A substantial portion of the area to be analyzed in the MLP is not currently leased.**
- 2. There is a majority Federal mineral interest.**
- 3. The oil and gas industry has expressed a specific interest in leasing, and there is a moderate or high potential for oil and gas confirmed by the discovery of oil and gas in the general area.**

MLP Total Area (Acres)	BLM Surface (Acres)	Federal Oil and Gas (Acres)	Percent of Proposed MLP That is Federal Oil and Gas	Percent of Proposed MLP That is UNLEASED Federal Oil and Gas	Percent of Proposed MLP with High or Moderate Potential for Discovery of Oil and Gas.
1,728,324	290,378	1,036,922	60.0%	35.5%	16.6%

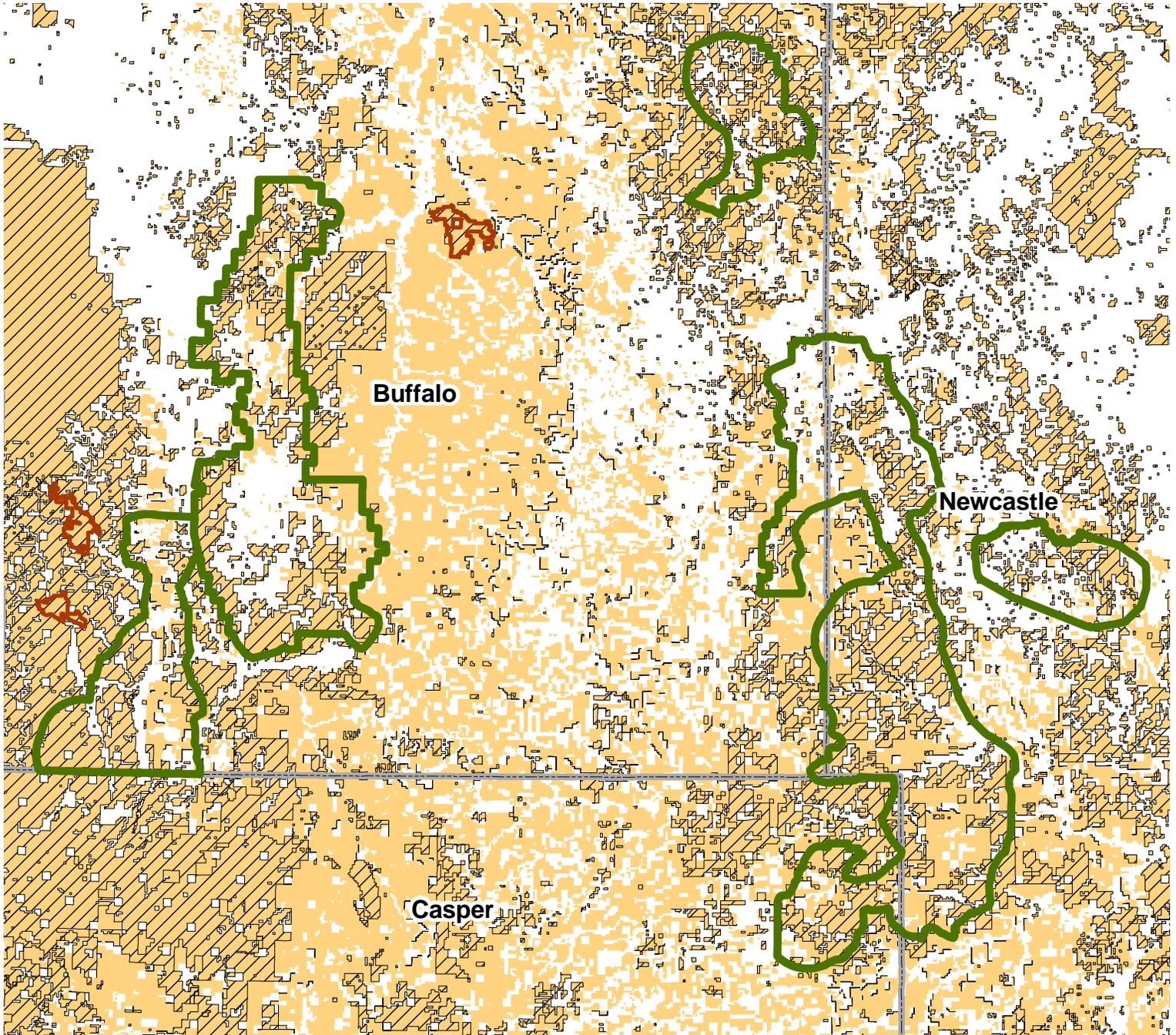
Only 35.5% of the proposed Northeast Wyoming Sage-grouse Core Area MLP is Unleased Federal Oil and Gas Mineral Estate so the area does not meet Criteria 1.

Only 16.6% (based on partial RFD) has a moderate or high potential for oil and gas development so the area does not meet Criteria 3. Although the RFD does not include the Newcastle Field Office, evaluation of existing oil fields, existing wells and industry expressions of interest (EOI) would indicate that the area not covered by the RFD would be very similar to the area covered by the RFD.

Northeast Wy Sage-grouse Surface Ownership



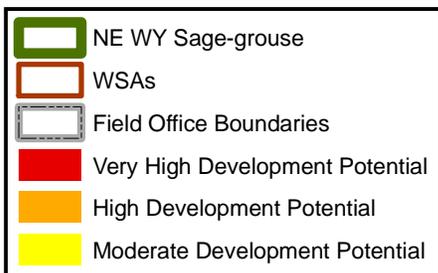
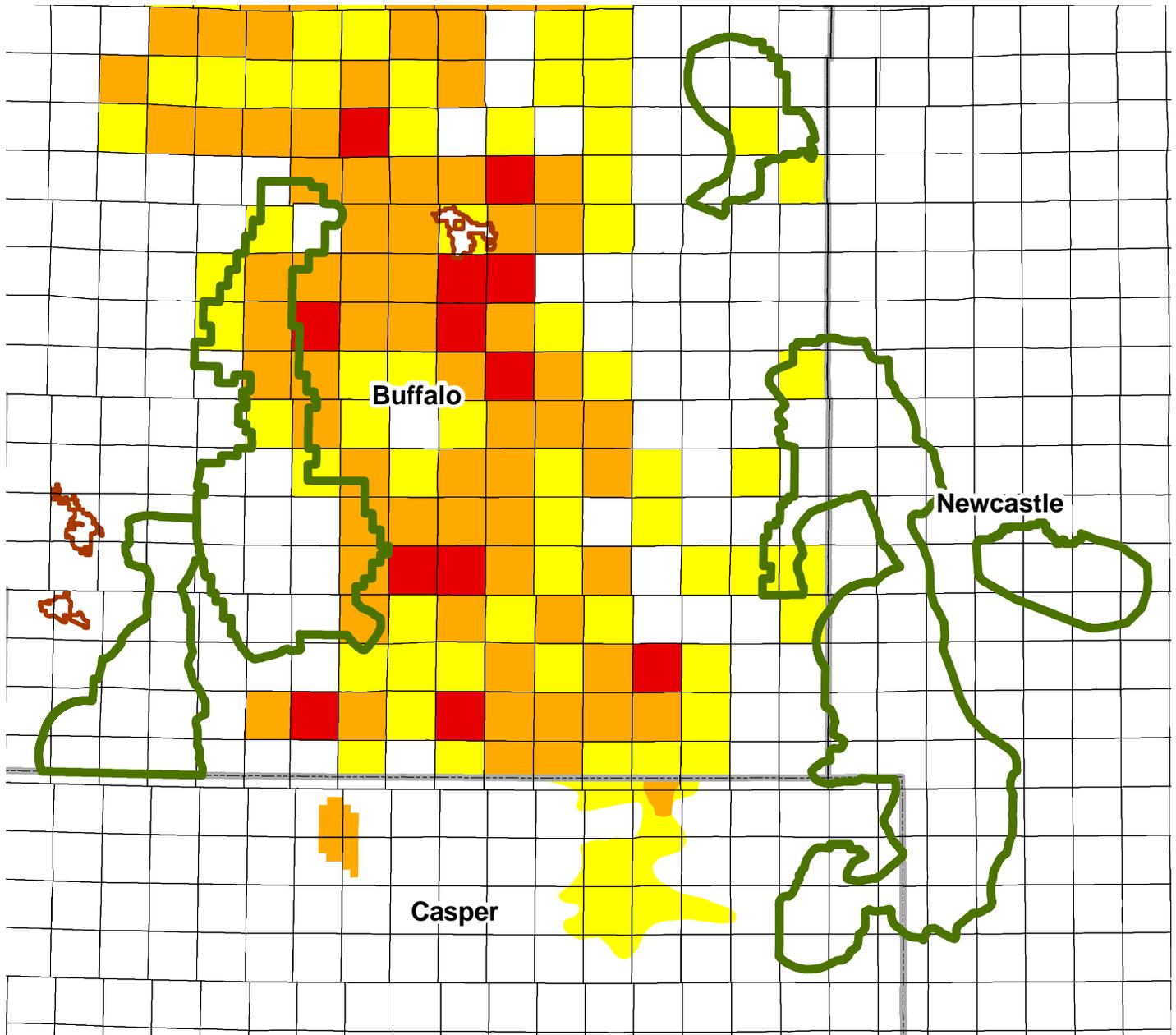
Northeast Wy Sage-grouse Oil & Gas Ownership



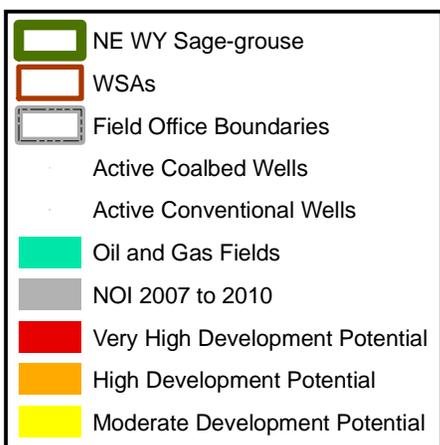
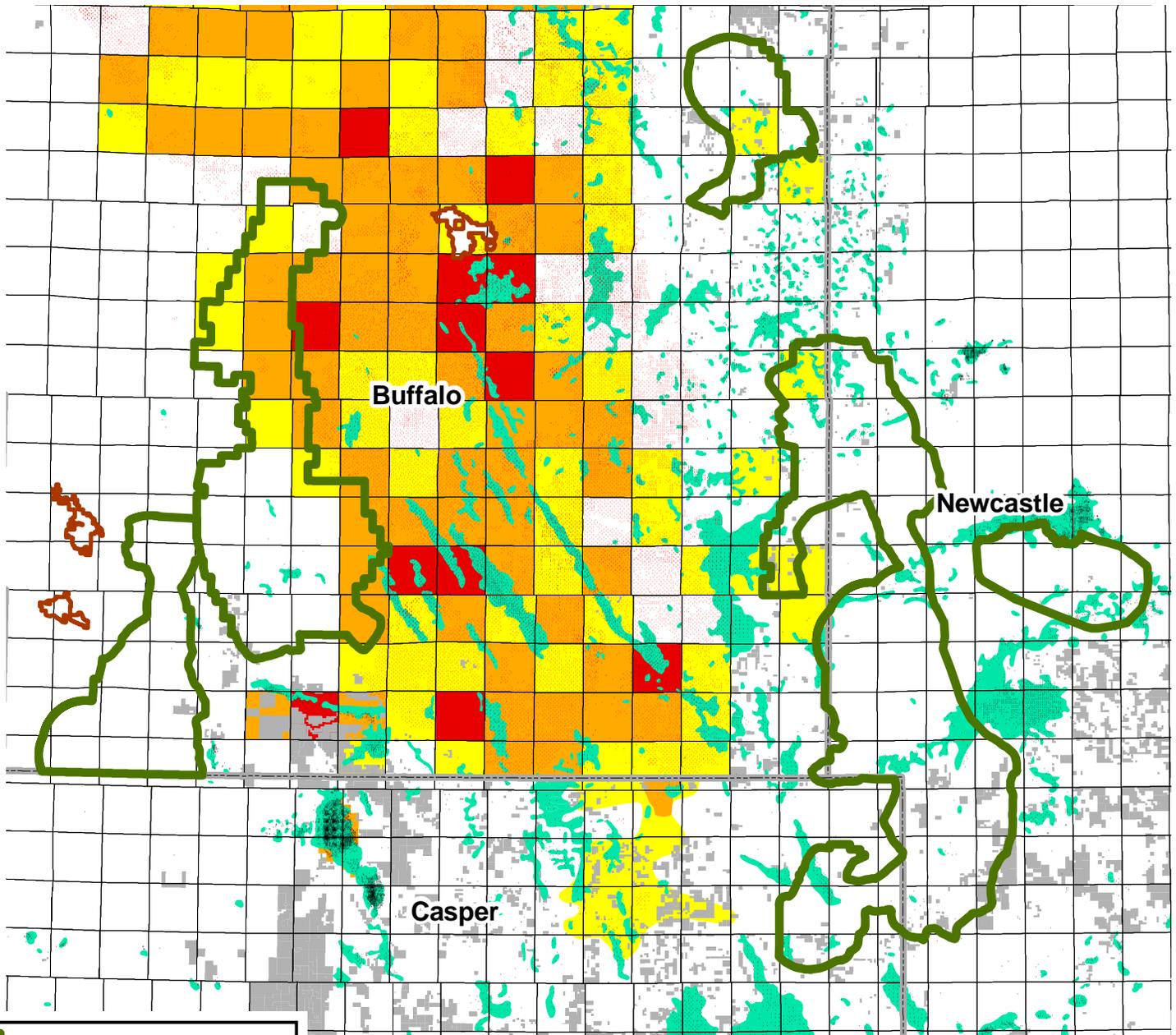
	NE WY Sage-grouse
	WSAs
	Field Office Boundaries
	Unleased Federal O&G
	Federal O&G Ownership



Northeast Wy Sage-grouse Oil & Gas Development Potential



Northeast Wy Sage-grouse Oil & Gas Development Potential



Master Leasing Plan (MLP) Assessment

State Office: Wyoming

Field Office: Casper

Date: 10-21-10

Name and Location of MLP Area: Bates Hole. (MLP #3)

Internal or External Proposal? Nominated by the Wyoming Outdoor Council.

Does the area meet the criteria and qualify for MLP analysis?

No.

How and when will areas qualifying for MLP analysis be addressed?

No MLP required.

Describe the process used for review:

No map was provided by the proponent. Based on the written description, the MLP boundary was established as using the Bates Hole / Fish Creek / Willow Creek Management Area as defined in the 2007 Casper RMP.

GIS themes were assembled for the following values:

1. Surface Ownership.
2. Federal Oil and Gas Ownership.
3. Unleased Federal Oil and Gas Ownership.
4. Oil and Gas Development Potential as defined in existing RFDs.
5. Expressions of Interest defined by lease parcel nominations for the past 3 years.
6. Existing Oil and Gas Fields.
7. Existing Active Oil and Gas Wells.

Using GIS based analysis values were computed for the entire proposed MLP to determine:

1. Percentage of the area which is currently unleased (Federal Oil and Gas Estate).
2. Percentage of the area which is Federal Oil and Gas Estate.
3. Percentage of the area which has Very High, High or Moderate Oil and Gas Development Potential as defined in existing RFDs.

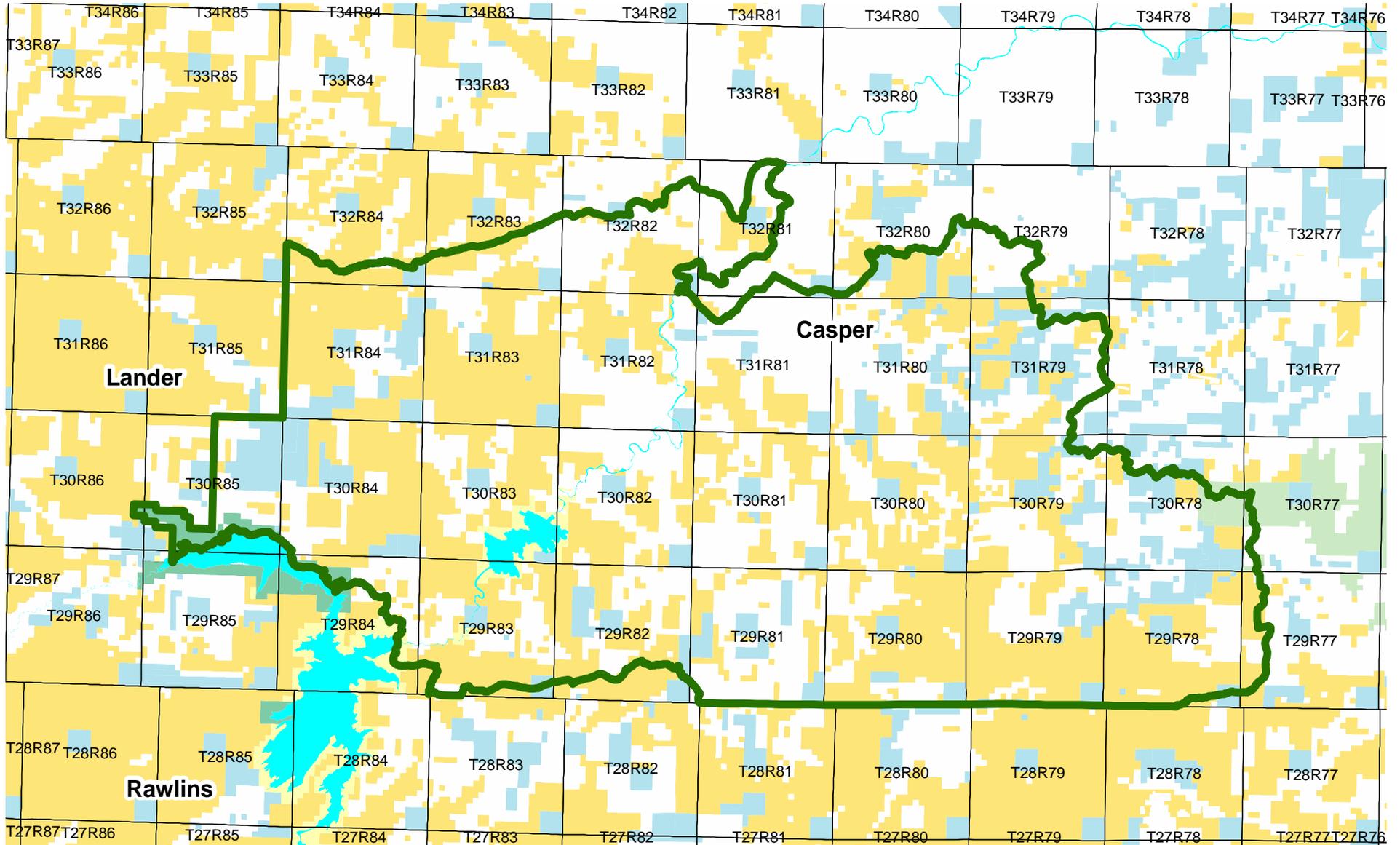
Describe how and why each of the following criteria are met or not met: (Describe in detail)

- 1. A substantial portion of the area to be analyzed in the MLP is not currently leased.**
- 2. There is a majority Federal mineral interest.**
- 3. The oil and gas industry has expressed a specific interest in leasing, and there is a moderate or high potential for oil and gas confirmed by the discovery of oil and gas in the general area.**

MLP Total Area (Acres)	BLM Surface (Acres)	Federal Oil and Gas (Acres)	Percent of Proposed MLP That is Federal Oil and Gas	Percent of Proposed MLP That is UNLEASED Federal Oil and Gas	Percent of Proposed MLP with High or Moderate Potential for Discovery of Oil and Gas.
489,585	212,696	379,381	77.5%	71.3%	0.0%

The RFD indicates almost no potential for development of oil and gas in the Bates Hole area. There is very limited existing development, and a low level of industry EOI.

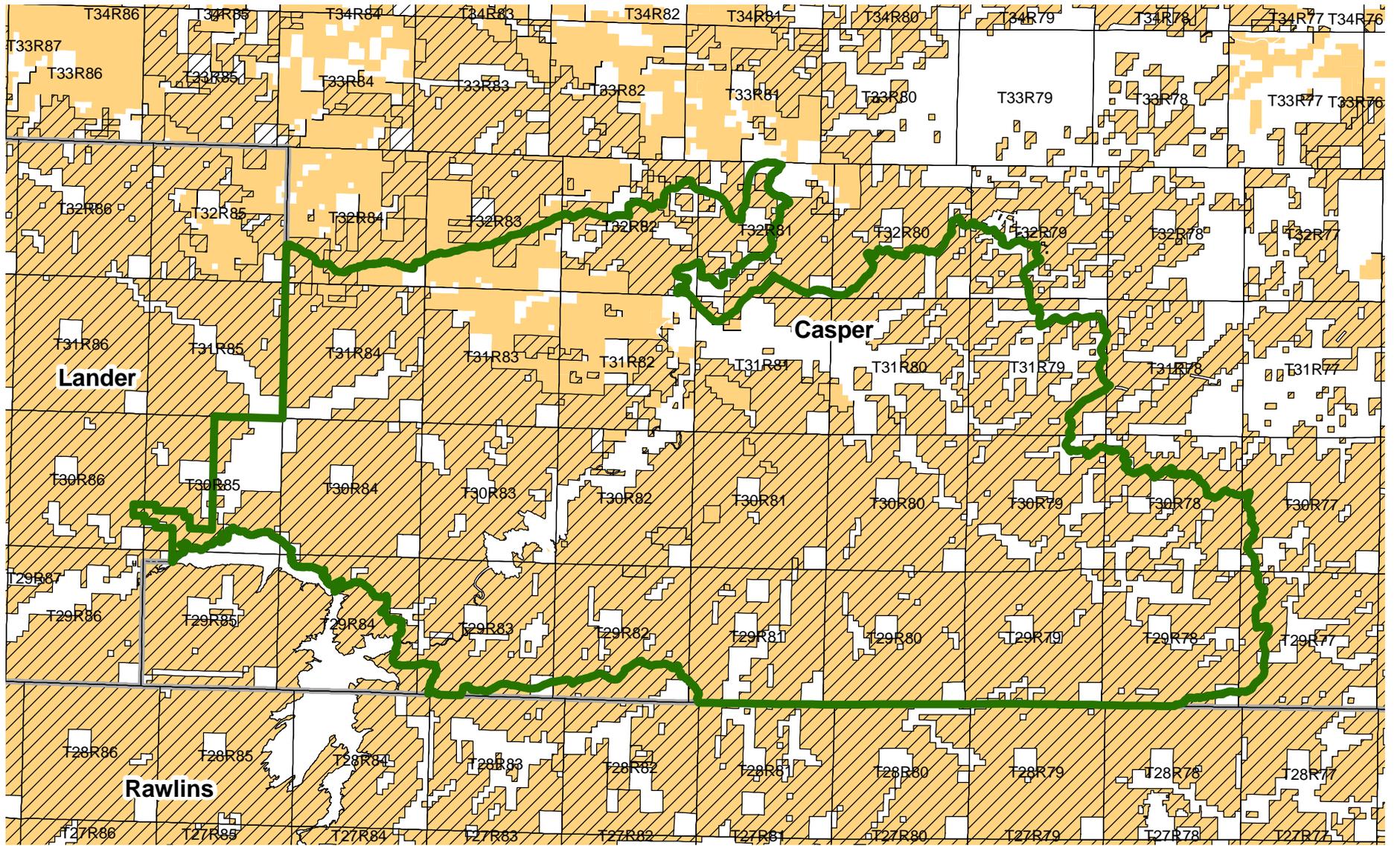
Bates Hole Surface Ownership



Bates Hole Fish Creek	Bureau of Reclamation	Forest Service	Private
Bankhead Jones	Corps of Engineers	National Grasslands	State
Bureau of Indian Affairs	Department of Defense	National Park Service	Water
Bureau of Land Management	Fish & Wildlife	Other Federal	



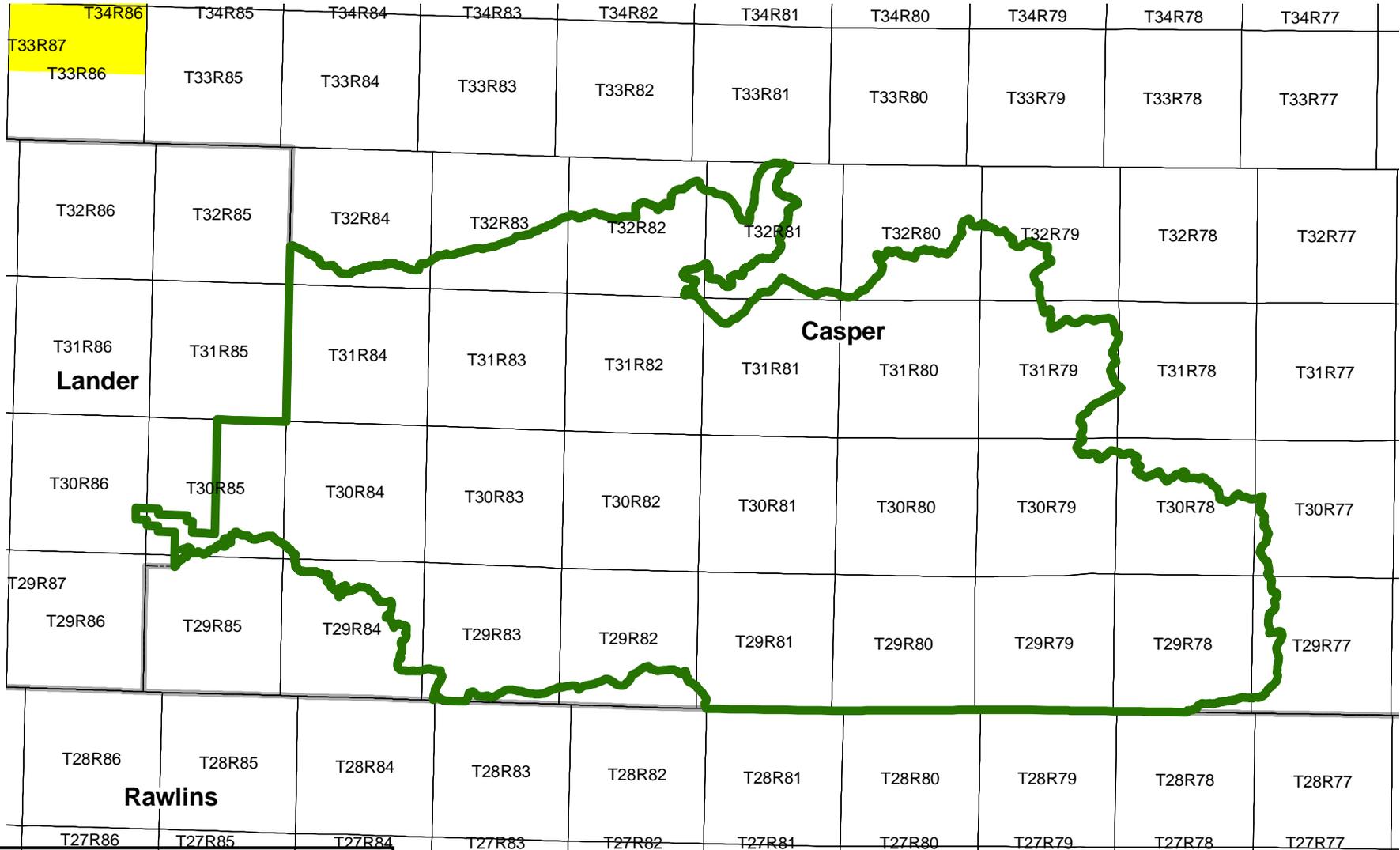
Bates Hole Oil & Gas Ownership



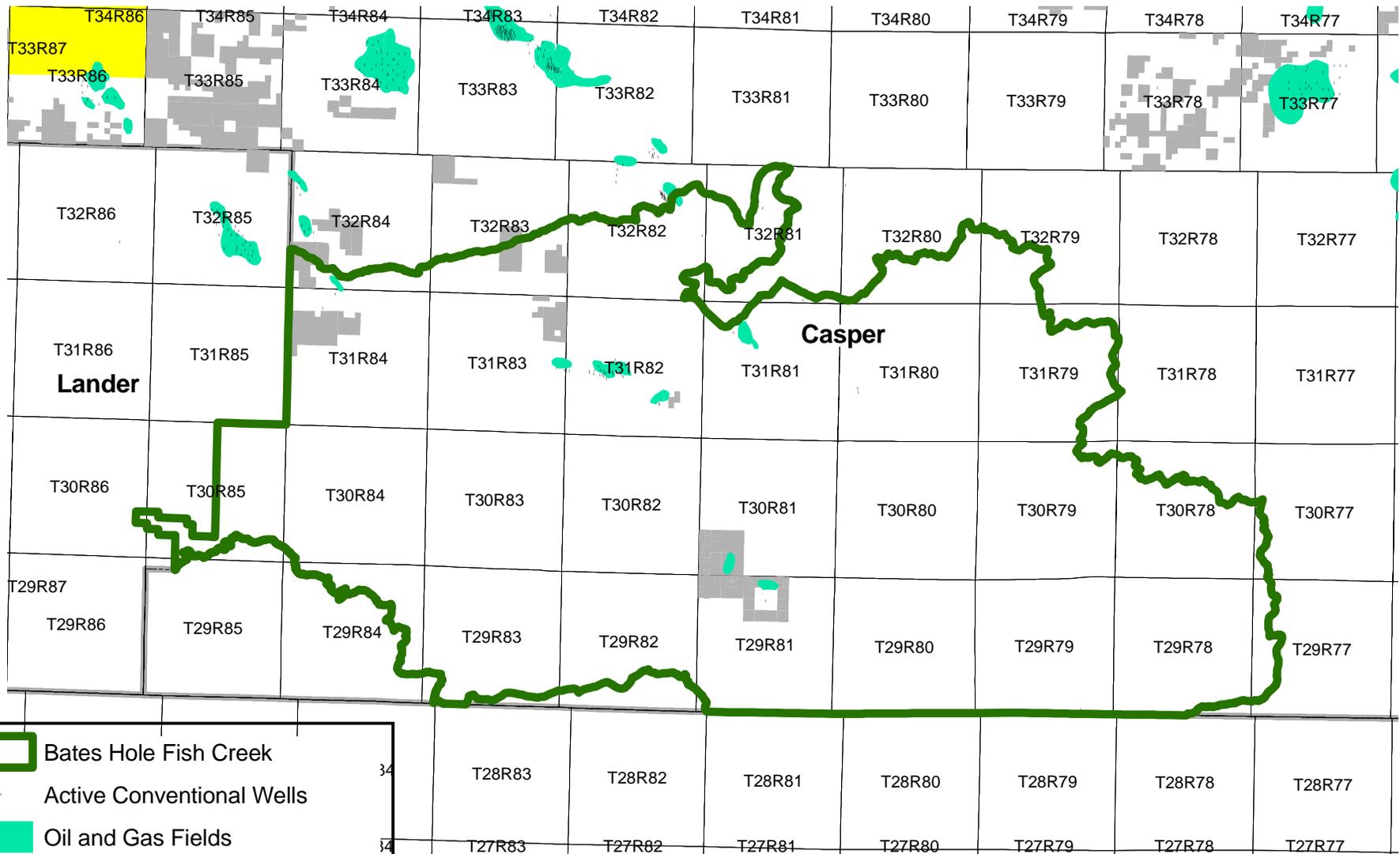
-  Bates Hole Fish Creek
-  Field Office Boundaries
-  Unleased Federal O&G
-  Federal O&G Ownership



Bates Hole Oil & Gas Development Potential



Bates Hole Existing Oil & Gas Development



	Bates Hole Fish Creek
	Active Conventional Wells
	Oil and Gas Fields
	EOI 2007 to 2010
	Very High Development Potential
	High Development Potential
	Moderate Development Potential



Master Leasing Plan (MLP) Assessment

State Office: Wyoming
Field Office: Cody and Worland
Date: 10-21-10

Name and Location of MLP Area: Clarks Fork River (MLP #4)

Internal or External Proposal? Nominated by Trout Unlimited.

Does the area meet the criteria and qualify for MLP analysis?

No.

How and when will areas qualifying for MLP analysis be addressed?

No MLP required.

Describe the process used for review:

No map was provided by the proponent. Based on the written description, the MLP boundary was established as using the Clarks Fork Watershed Boundary developed by the United States Geological Survey (Hydrologic Unit Code 10070006).

GIS themes were assembled for the following values:

1. Surface Ownership.
2. Federal Oil and Gas Ownership.
3. Unleased Federal Oil and Gas Ownership.
4. Oil and Gas Development Potential as defined in existing RFDs.
5. Expressions of Interest defined by lease parcel nominations for the past 3 years.
6. Existing Oil and Gas Fields.
7. Existing Active Oil and Gas Wells.

Using GIS based analysis values were computed for the entire proposed MLP to determine:

1. Percentage of the area which is currently unleased (Federal Oil and Gas Estate).
2. Percentage of the area which is Federal Oil and Gas Estate.
3. Percentage of the area which has Very High, High or Moderate Oil and Gas Development Potential as defined in existing RFDs.

Describe how and why each of the following criteria are met or not met: (Describe in detail)

- 1. A substantial portion of the area to be analyzed in the MLP is not currently leased.**
- 2. There is a majority Federal mineral interest.**
- 3. The oil and gas industry has expressed a specific interest in leasing, and there is a moderate or high potential for oil and gas confirmed by the discovery of oil and gas in the general area.**

MLP Total Area (Acres)	BLM Surface (Acres)	Federal Oil and Gas (Acres)	Percent of Proposed MLP That is Federal Oil and Gas	Percent of Proposed MLP That is UNLEASED Federal Oil and Gas	Percent of Proposed MLP with High or Moderate Potential for Discovery of Oil and Gas.
808,574	132,257	666,681	82.5%	72.5%	4.4%

Based on the RFD, only 4.4% of the Clarks Fork MLP has a moderate or high potential for oil and gas development so the area does not meet Criteria 3.

Master Leasing Plan (MLP) Assessment

State Office: Wyoming
Field Offices: Cody, Worland, and Lander
Date: 10-21-10

Name and Location of MLP Area: **Absoraka-Beartooth Front** (MLP #5)

Internal or External Proposal? Nominated by Trout Unlimited, Wyoming Outdoor Council, The Wilderness Society, Greater Yellowstone Coalition, Western Resource Advocates, Wyoming Wilderness Association, Biodiversity Conservation Alliance, and Powder River Basin Resource Council.

Does the area meet the criteria and qualify for MLP analysis?

No.

How and when will areas qualifying for MLP analysis be addressed?

No MLP required.

Describe the process used for review:

A map and GIS shapefile were provided by the proponent. The provided boundary was used for analysis.

GIS themes were assembled for the following values:

1. Surface Ownership.
2. Federal Oil and Gas Ownership.
3. Unleased Federal Oil and Gas Ownership.
4. Oil and Gas Development Potential as defined in existing RFDs.
5. Expressions of Interest defined by lease parcel nominations for the past 3 years.
6. Existing Oil and Gas Fields.
7. Existing Active Oil and Gas Wells.

Using GIS based analysis values were computed for the entire proposed MLP to determine:

1. Percentage of the area which is currently unleased (Federal Oil and Gas Estate).
2. Percentage of the area which is Federal Oil and Gas Estate.
3. Percentage of the area which has Very High, High or Moderate Oil and Gas Development Potential as defined in existing RFDs.

Describe how and why each of the following criteria are met or not met: (Describe in detail)

- 1. A substantial portion of the area to be analyzed in the MLP is not currently leased.**
- 2. There is a majority Federal mineral interest.**
- 3. The oil and gas industry has expressed a specific interest in leasing, and there is a moderate or high potential for oil and gas confirmed by the discovery of oil and gas in the general area.**

MLP Total Area (Acres)	BLM Surface (Acres)	Federal Oil and Gas (Acres)	Percent of Proposed MLP That is Federal Oil and Gas	Percent of Proposed MLP That is UNLEASED Federal Oil and Gas	Percent of Proposed MLP with High or Moderate Potential for Discovery of Oil and Gas.
1,990,284	813,125	1,275,232	64.1%	43.5%	18.4%

Only 43.5% of the proposed Absoraka-Beartooth Front MLP is Unleased Federal Oil and Gas Mineral Estate so the area does not meet Criteria 1.

Based on the RFD only 18.4% of the area has a moderate or high potential for oil and gas development so the area does not meet Criteria 3.

State Office: Wyoming
Field Offices: Cody, Worland, and Lander
Date: 10-21-10

Name and Location of MLP Area: Fifteen Mile Area (MLP #6)

Internal or External Proposal? Nominated by the Wyoming Outdoor Council.

Does the area meet the criteria and qualify for MLP analysis?

No.

How and when will areas qualifying for MLP analysis be addressed?

No MLP required.

Describe the process used for review:

A map was provided by the proponent. The provided boundary was digitized and used for analysis.

GIS themes were assembled for the following values:

1. Surface Ownership.
2. Federal Oil and Gas Ownership.
3. Unleased Federal Oil and Gas Ownership.
4. Oil and Gas Development Potential as defined in existing RFDs.
5. Expressions of Interest defined by lease parcel nominations for the past 3 years.
6. Existing Oil and Gas Fields.
7. Existing Active Oil and Gas Wells.

Using GIS based analysis values were computed for the entire proposed MLP to determine:

1. Percentage of the area which is currently unleased (Federal Oil and Gas Estate).
2. Percentage of the area which is Federal Oil and Gas Estate.
3. Percentage of the area which has Very High, High or Moderate Oil and Gas Development Potential as defined in existing RFDs.

Describe how and why each of the following criteria are met or not met: (Describe in detail)

- 1. A substantial portion of the area to be analyzed in the MLP is not currently leased.**
- 2. There is a majority Federal mineral interest.**
- 3. The oil and gas industry has expressed a specific interest in leasing, and there is a moderate or high potential for oil and gas confirmed by the discovery of oil and gas in the general area.**

MLP Total Area (Acres)	BLM Surface (Acres)	Federal Oil and Gas (Acres)	Percent of Proposed MLP That is Federal Oil and Gas	Percent of Proposed MLP That is UNLEASED Federal Oil and Gas	Percent of Proposed MLP with High or Moderate Potential for Discovery of Oil and Gas.
268,527	239,115	252,791	94.1%	75.2%	4.9%

Based on the RFD only 4.9% of the area has a moderate or high potential for oil and gas development so the area does not meet Criteria 3.

Master Leasing Plan (MLP) Assessment

State Office: Wyoming
Field Offices: Cody, Worland, and Lander
Date: 10-21-10

Name and Location of MLP Area: Bighorn Front (MLP #7)

Internal or External Proposal? Nominated by the Wyoming Outdoor Council.

Does the area meet the criteria and qualify for MLP analysis?

No.

How and when will areas qualifying for MLP analysis be addressed?

No MLP required.

Describe the process used for review:

A map was provided by the proponent. The provided boundary was digitized and used for analysis.

GIS themes were assembled for the following values:

1. Surface Ownership.
2. Federal Oil and Gas Ownership.
3. Unleased Federal Oil and Gas Ownership.
4. Oil and Gas Development Potential as defined in existing RFDs.
5. Expressions of Interest defined by lease parcel nominations for the past 3 years.
6. Existing Oil and Gas Fields.
7. Existing Active Oil and Gas Wells.

Using GIS based analysis values were computed for the entire proposed MLP to determine:

1. Percentage of the area which is currently unleased (Federal Oil and Gas Estate).
2. Percentage of the area which is Federal Oil and Gas Estate.
3. Percentage of the area which has Very High, High or Moderate Oil and Gas Development Potential as defined in existing RFDs.

Describe how and why each of the following criteria are met or not met: (Describe in detail)

- 1. A substantial portion of the area to be analyzed in the MLP is not currently leased.**
- 2. There is a majority Federal mineral interest.**
- 3. The oil and gas industry has expressed a specific interest in leasing, and there is a moderate or high potential for oil and gas confirmed by the discovery of oil and gas in the general area.**

MLP Total Area (Acres)	BLM Surface (Acres)	Federal Oil and Gas (Acres)	Percent of Proposed MLP That is Federal Oil and Gas	Percent of Proposed MLP That is UNLEASED Federal Oil and Gas	Percent of Proposed MLP with High or Moderate Potential for Discovery of Oil and Gas.
641,137	425,314	526,766	82.2%	81.9%	0.0%

Based on the RFD there is essentially no potential for oil and gas development so the area does not meet Criteria 3.

Master Leasing Plan (MLP) Assessment

State Office: Wyoming
Field Office: Cody, Worland and Lander
Date: 10-21-10

Name and Location of MLP Area: Entire Bighorn Basin. (MLP #8)

Internal or External Proposal? Nominated by the Powder River Basin Resource Council.

Does the area meet the criteria and qualify for MLP analysis?

No.

How and when will areas qualifying for MLP analysis be addressed?

No MLP required.

Describe the process used for review:

A map was not provided by the proponent. The boundary was developed based on the USGS watershed boundary for the Bighorn River.

GIS themes were assembled for the following values:

1. Surface Ownership.
2. Federal Oil and Gas Ownership.
3. Unleased Federal Oil and Gas Ownership.
4. Oil and Gas Development Potential as defined in existing RFDs.
5. Expressions of Interest defined by lease parcel nominations for the past 3 years.
6. Existing Oil and Gas Fields.
7. Existing Active Oil and Gas Wells.

Using GIS based analysis values were computed for the entire proposed MLP to determine:

1. Percentage of the area which is currently unleased (Federal Oil and Gas Estate).
2. Percentage of the area which is Federal Oil and Gas Estate.
3. Percentage of the area which has Very High, High or Moderate Oil and Gas Development Potential as defined in existing RFDs.

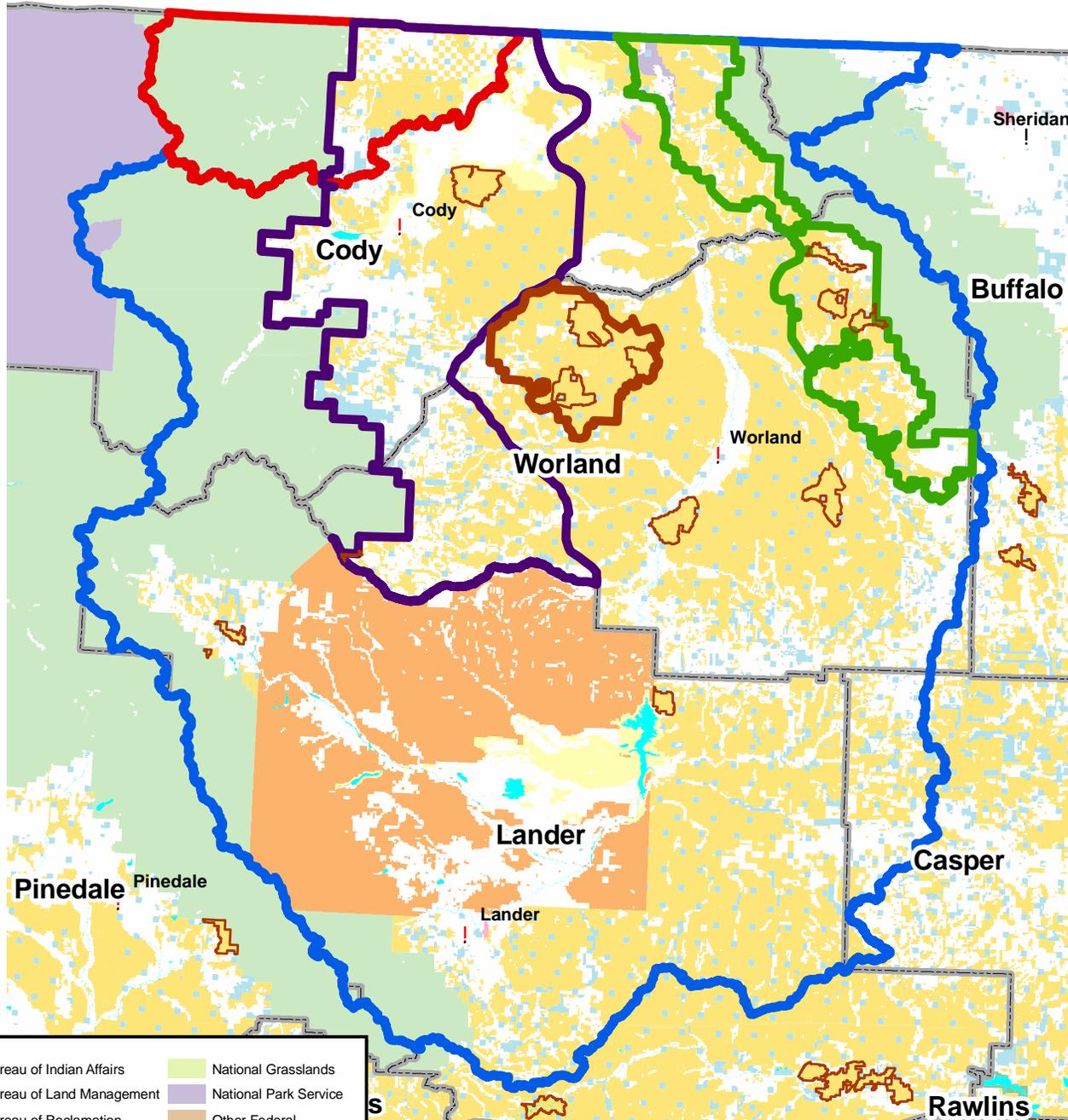
Describe how and why each of the following criteria are met or not met: (Describe in detail)

- 1. A substantial portion of the area to be analyzed in the MLP is not currently leased.**
- 2. There is a majority Federal mineral interest.**
- 3. The oil and gas industry has expressed a specific interest in leasing, and there is a moderate or high potential for oil and gas confirmed by the discovery of oil and gas in the general area.**

MLP Total Area (Acres)	BLM Surface (Acres)	Federal Oil and Gas (Acres)	Percent of Proposed MLP That is Federal Oil and Gas	Percent of Proposed MLP That is UNLEASED Federal Oil and Gas	Percent of Proposed MLP with High or Moderate Potential for Discovery of Oil and Gas.
12,248,505	4,321,335	8,133,935	66.4%	51.2%	9.4%

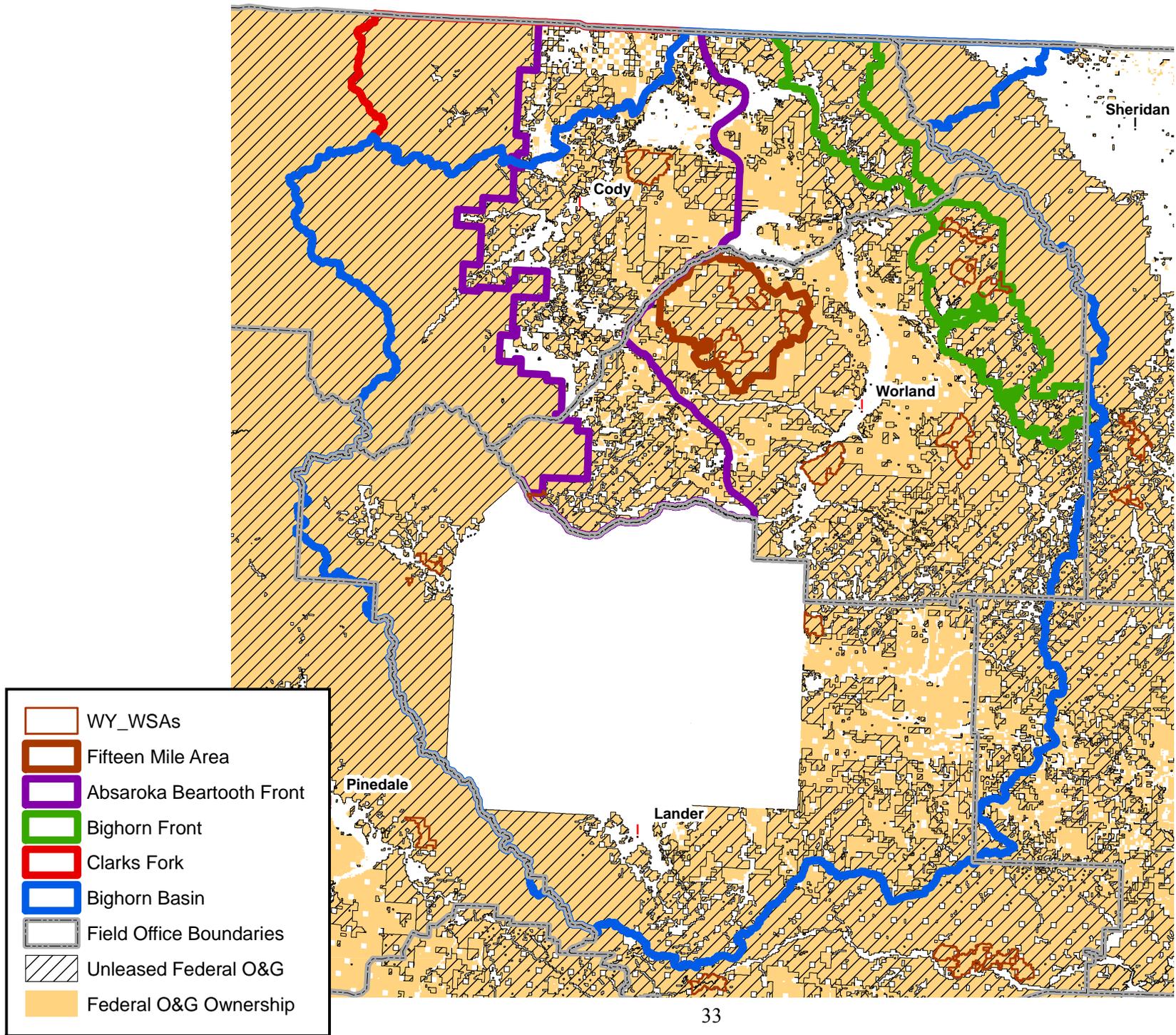
Based on the RFD only 9.4% of the area has a moderate or high potential for oil and gas development so the area does not meet Criteria 3.

Bighorn Basin Surface Ownership

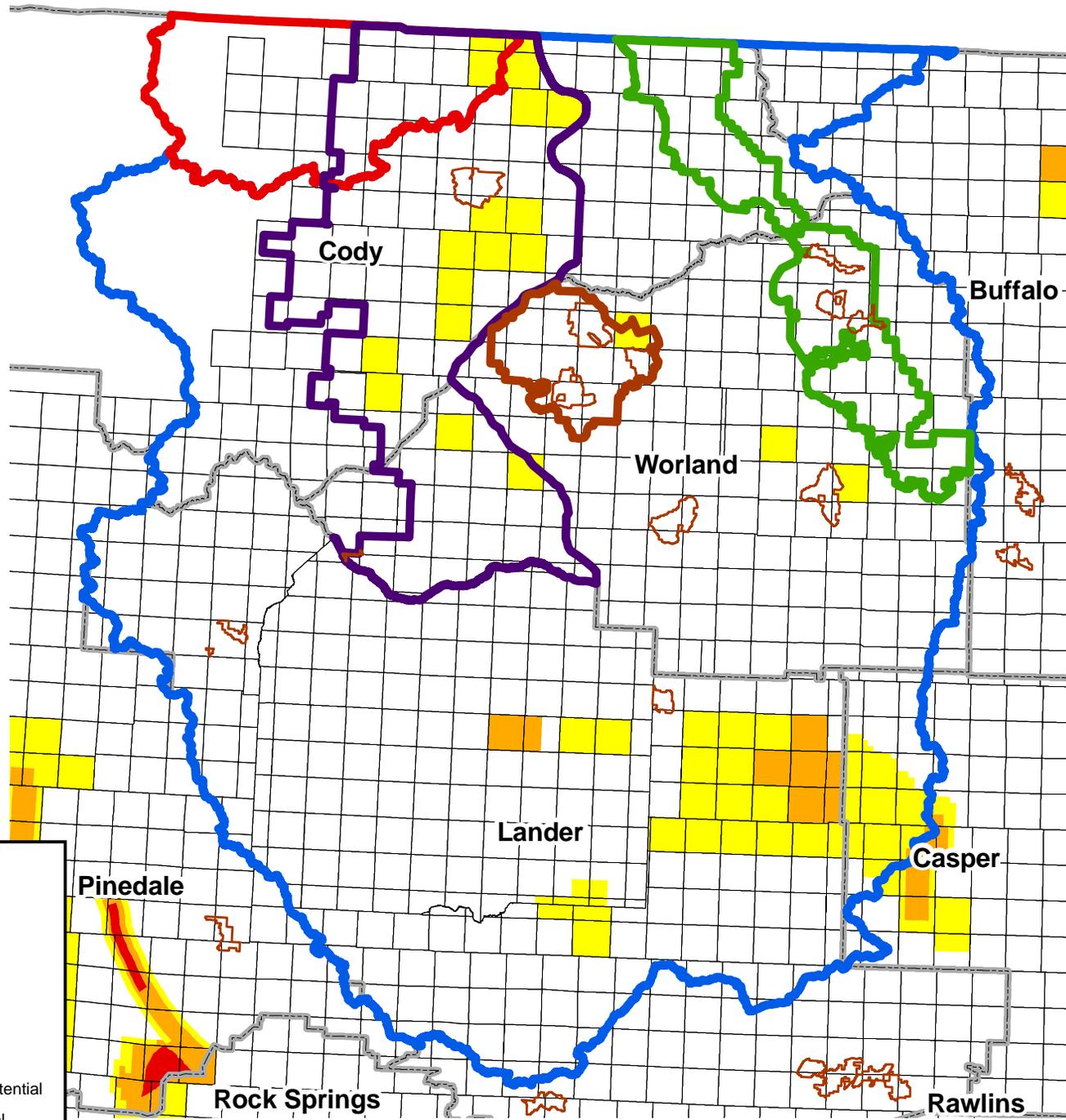


	WY_WSAs		Bureau of Indian Affairs		National Grasslands
	Fifteen Mile Area		Bureau of Land Management		National Park Service
	Absoraka Beartooth Front		Bureau of Reclamation		Other Federal
	Bighorn Front		Corps of Engineers		Private
	Clarks Fork WY		Department of Defense		State
	Bighorn Basin WY		Fish & Wildlife		Water
	Bankhead Jones		Forest Service		

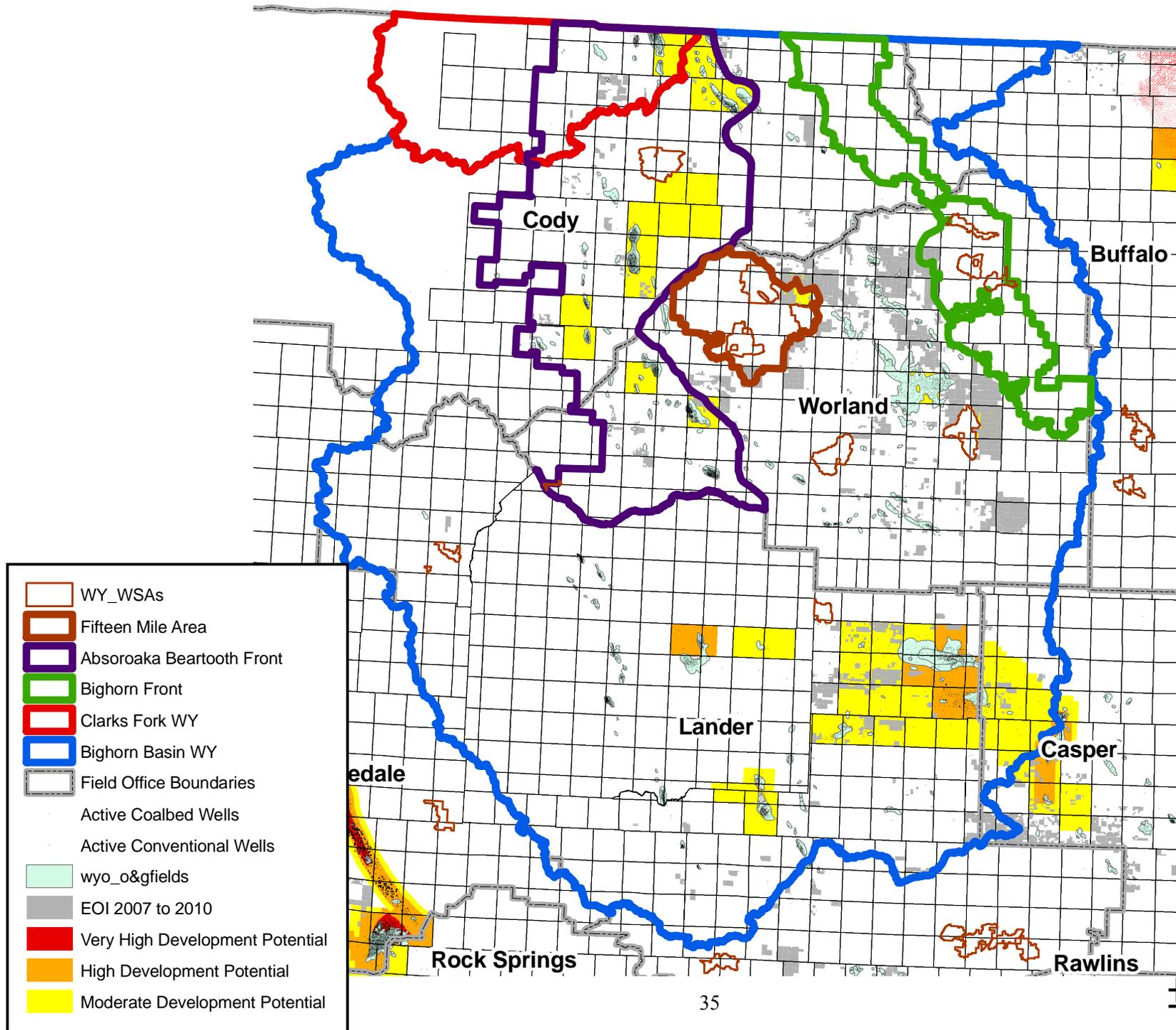
Bighorn Basin Oil & Gas Ownership



Bighorn Basin Oil & Gas Development Potential



Bighorn Basin Existing Oil & Gas Development



Master Leasing Plan (MLP) Assessment

State Office: Wyoming
Field Office: Kemmerer
Date: 10-21-10

Name and Location of MLP Area: **Tunp** (MLP #9)

Internal or External Proposal? Nominated by the Wyoming Outdoor Council.

Does the area meet the criteria and qualify for MLP analysis?

No.

How and when will areas qualifying for MLP analysis be addressed?

No MLP required.

Describe the process used for review:

A map was not provided by the proponent. The boundary was developed based on the written description provided by the proponent.

GIS themes were assembled for the following values:

1. Surface Ownership.
2. Federal Oil and Gas Ownership.
3. Unleased Federal Oil and Gas Ownership.
4. Oil and Gas Development Potential as defined in existing RFDs.
5. Expressions of Interest defined by lease parcel nominations for the past 3 years.
6. Existing Oil and Gas Fields.
7. Existing Active Oil and Gas Wells.

Using GIS based analysis values were computed for the entire proposed MLP to determine:

1. Percentage of the area which is currently unleased (Federal Oil and Gas Estate).
2. Percentage of the area which is Federal Oil and Gas Estate.
3. Percentage of the area which has Very High, High or Moderate Oil and Gas Development Potential as defined in existing RFDs.

Describe how and why each of the following criteria are met or not met: (Describe in detail)

- 1. A substantial portion of the area to be analyzed in the MLP is not currently leased.**
- 2. There is a majority Federal mineral interest.**
- 3. The oil and gas industry has expressed a specific interest in leasing, and there is a moderate or high potential for oil and gas confirmed by the discovery of oil and gas in the general area.**

MLP Total Area (Acres)	BLM Surface (Acres)	Federal Oil and Gas (Acres)	Percent of Proposed MLP That is Federal Oil and Gas	Percent of Proposed MLP That is UNLEASED Federal Oil and Gas	Percent of Proposed MLP with High or Moderate Potential for Discovery of Oil and Gas.
416,484	223,962	280,001	67.2%	63.1%	0.0%

Based on the RFD the area has essentially no potential for oil and gas development so the area does not meet Criteria 3.

Master Leasing Plan (MLP) Assessment

State Office: Wyoming
Field Office: Kemmerer
Date: 10-21-10

Name and Location of MLP Area: North of US Highway 189. (MLP #10)

Internal or External Proposal? Nominated by the Wyoming Outdoor Council.

Does the area meet the criteria and qualify for MLP analysis?

No.

How and when will areas qualifying for MLP analysis be addressed?

No MLP required.

Describe the process used for review:

A map was not provided by the proponent. The boundary was developed based on the written description provided by the proponent. The proponent acknowledged in the proposal this area is heavily leased, but suggested it could be combined with Tunp (analyzed above) to meet the MLP criteria.

GIS themes were assembled for the following values:

1. Surface Ownership.
2. Federal Oil and Gas Ownership.
3. Unleased Federal Oil and Gas Ownership.
4. Oil and Gas Development Potential as defined in existing RFDs.
5. Expressions of Interest defined by lease parcel nominations for the past 3 years.
6. Existing Oil and Gas Fields.
7. Existing Active Oil and Gas Wells.

Using GIS based analysis values were computed for the entire proposed MLP to determine:

1. Percentage of the area which is currently unleased (Federal Oil and Gas Estate).
2. Percentage of the area which is Federal Oil and Gas Estate.
3. Percentage of the area which has Very High, High or Moderate Oil and Gas Development Potential as defined in existing RFDs.

Describe how and why each of the following criteria are met or not met: (Describe in detail)

- 1. A substantial portion of the area to be analyzed in the MLP is not currently leased.**
- 2. There is a majority Federal mineral interest.**
- 3. The oil and gas industry has expressed a specific interest in leasing, and there is a moderate or high potential for oil and gas confirmed by the discovery of oil and gas in the general area.**

MLP Total Area (Acres)	BLM Surface (Acres)	Federal Oil and Gas (Acres)	Percent of Proposed MLP That is Federal Oil and Gas	Percent of Proposed MLP That is UNLEASED Federal Oil and Gas	Percent of Proposed MLP with High or Moderate Potential for Discovery of Oil and Gas.
56,891	34,656	46,895	82.4%	33.0%	0.0%

Only 33% of the proposed North of US Highway 189 MLP is Unleased Federal Oil and Gas Mineral Estate so the area does not meet Criteria 1.

Based on the RFD there is very little potential for oil and gas development so the area does not meet Criteria 3.

Master Leasing Plan (MLP) Assessment

State Office: Wyoming

Field Office: Pinedale

Date: 10-21-10

Name and Location of MLP Area: Miller Mountain (MLP #14)

Internal or External Proposal? Nominated by the Wyoming Outdoor Council.

Does the area meet the criteria and qualify for MLP analysis?

No.

How and when will areas qualifying for MLP analysis be addressed?

No MLP required.

Describe the process used for review:

A map was not provided by the proponent. The boundary was developed based on the written description provided by the proponent.

GIS themes were assembled for the following values:

1. Surface Ownership.
2. Federal Oil and Gas Ownership.
3. Unleased Federal Oil and Gas Ownership.
4. Oil and Gas Development Potential as defined in existing RFDs.
5. Expressions of Interest defined by lease parcel nominations for the past 3 years.
6. Existing Oil and Gas Fields.
7. Existing Active Oil and Gas Wells.

Using GIS based analysis values were computed for the entire proposed MLP to determine:

1. Percentage of the area which is currently unleased (Federal Oil and Gas Estate).
2. Percentage of the area which is Federal Oil and Gas Estate.
3. Percentage of the area which has Very High, High or Moderate Oil and Gas Development Potential as defined in existing RFDs.

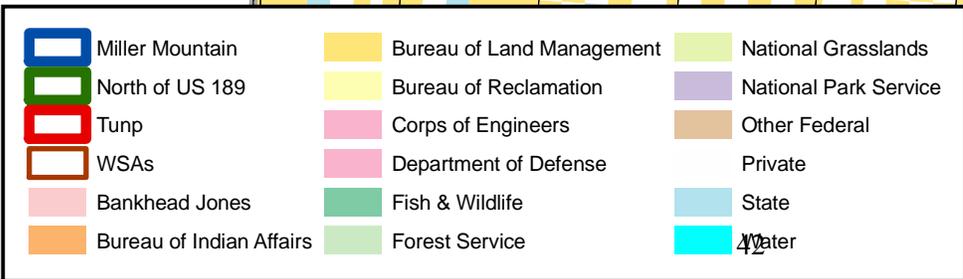
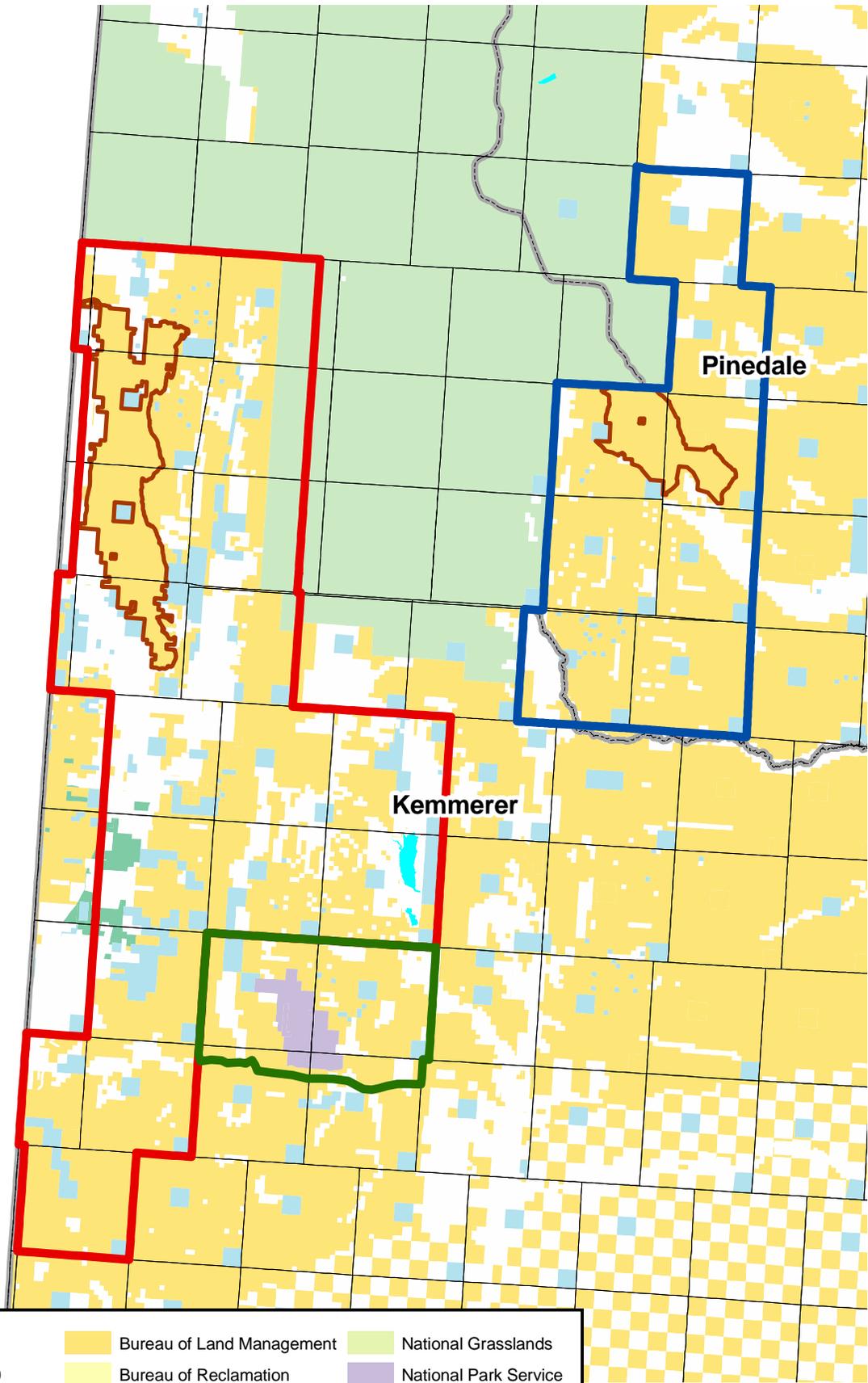
Describe how and why each of the following criteria are met or not met: (Describe in detail)

- 1. A substantial portion of the area to be analyzed in the MLP is not currently leased.**
- 2. There is a majority Federal mineral interest.**
- 3. The oil and gas industry has expressed a specific interest in leasing, and there is a moderate or high potential for oil and gas confirmed by the discovery of oil and gas in the general area.**

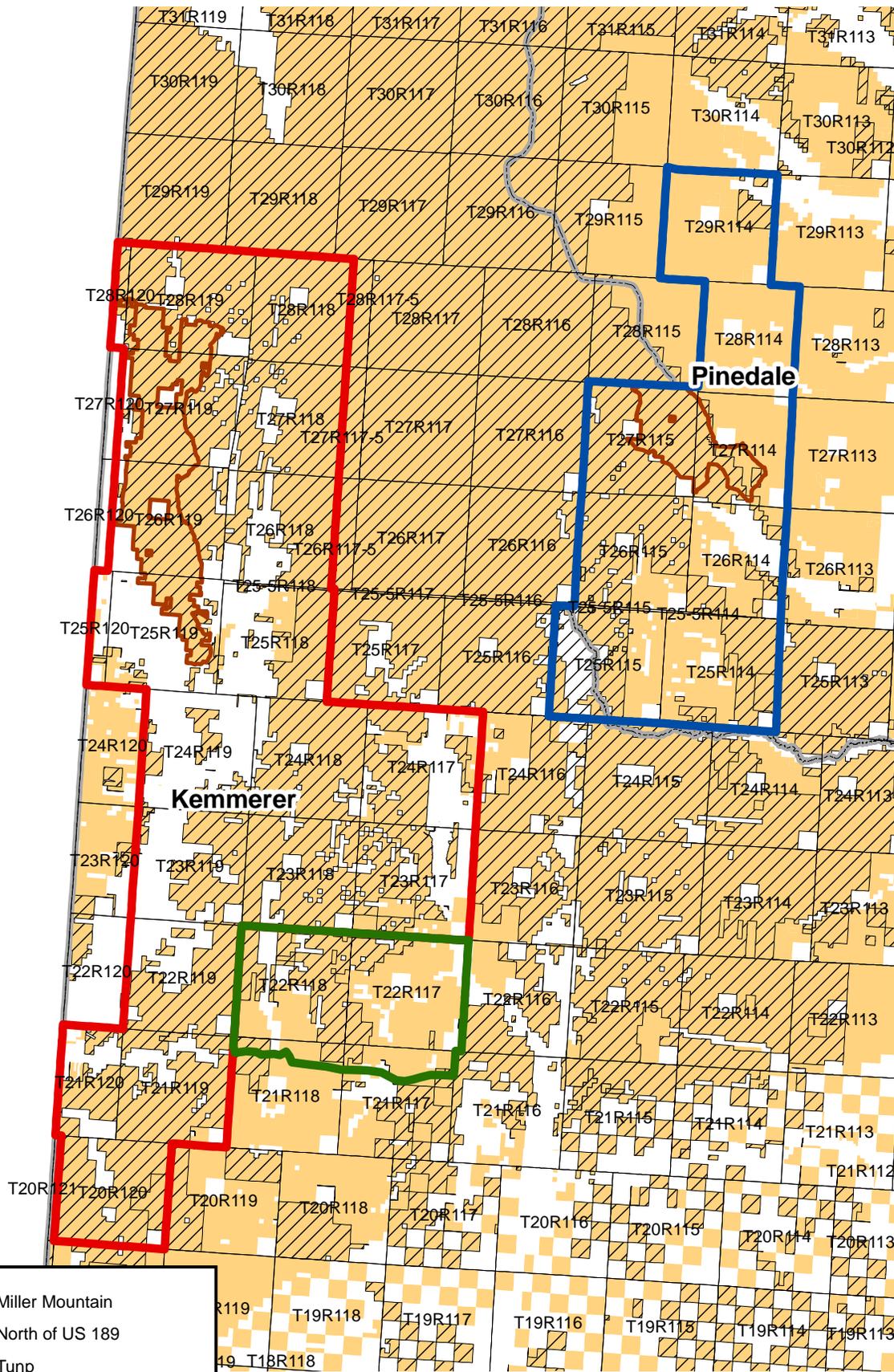
MLP Total Area (Acres)	BLM Surface (Acres)	Federal Oil and Gas (Acres)	Percent of Proposed MLP That is Federal Oil and Gas	Percent of Proposed MLP That is UNLEASED Federal Oil and Gas	Percent of Proposed MLP with High or Moderate Potential for Discovery of Oil and Gas.
175,306	132,028	146,716	83.7%	39.1%	44.0%

Only 39.1% of the proposed Miller Mountain MLP is Unleased Federal Oil and Gas Mineral Estate so the area does not meet Criteria 1.

Tunp Surface Ownership



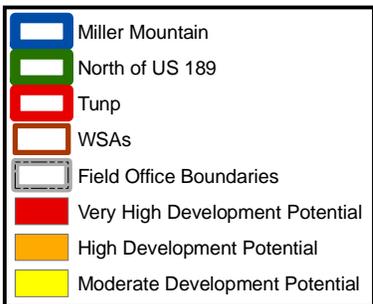
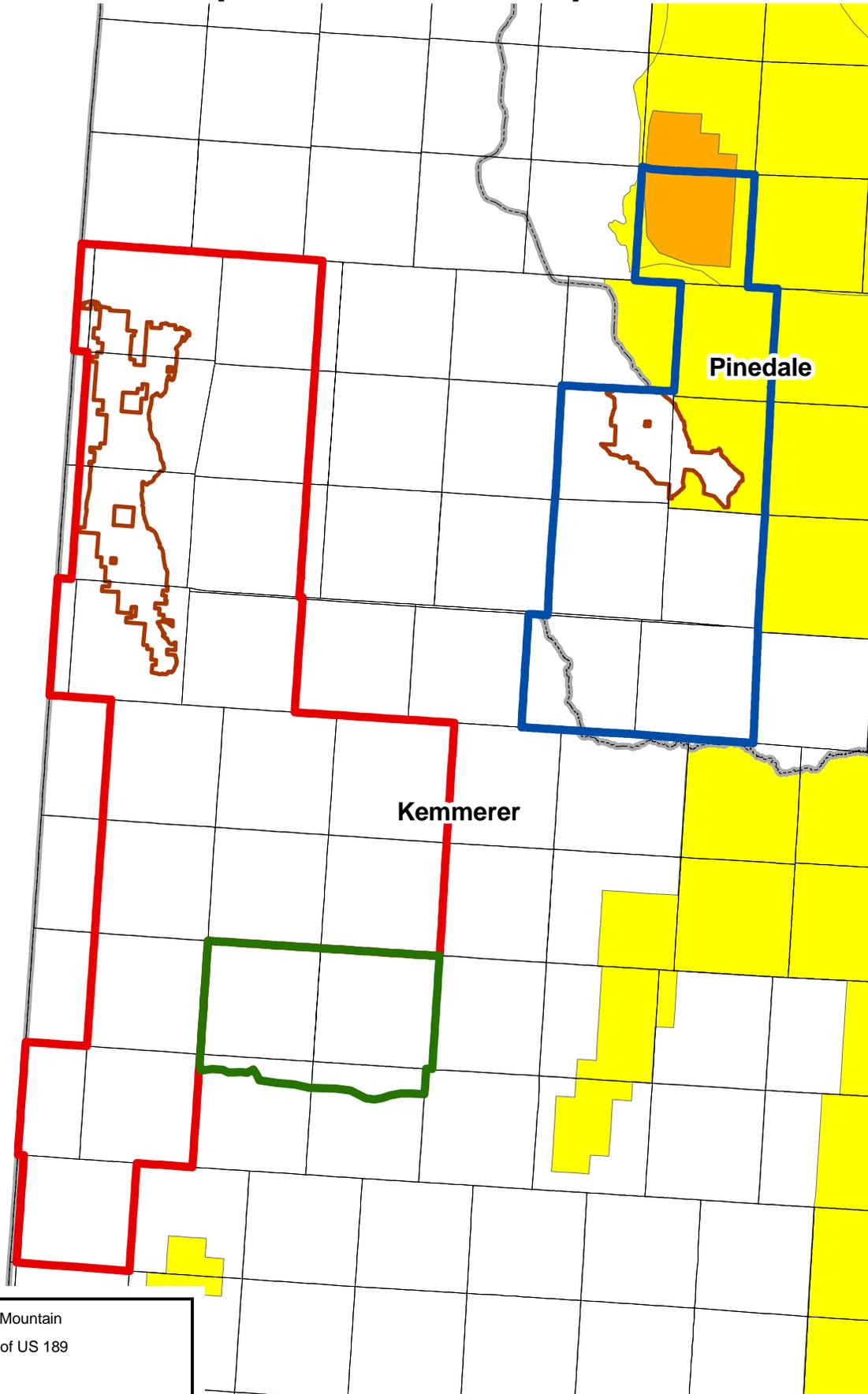
Tunp Oil & Gas Ownership



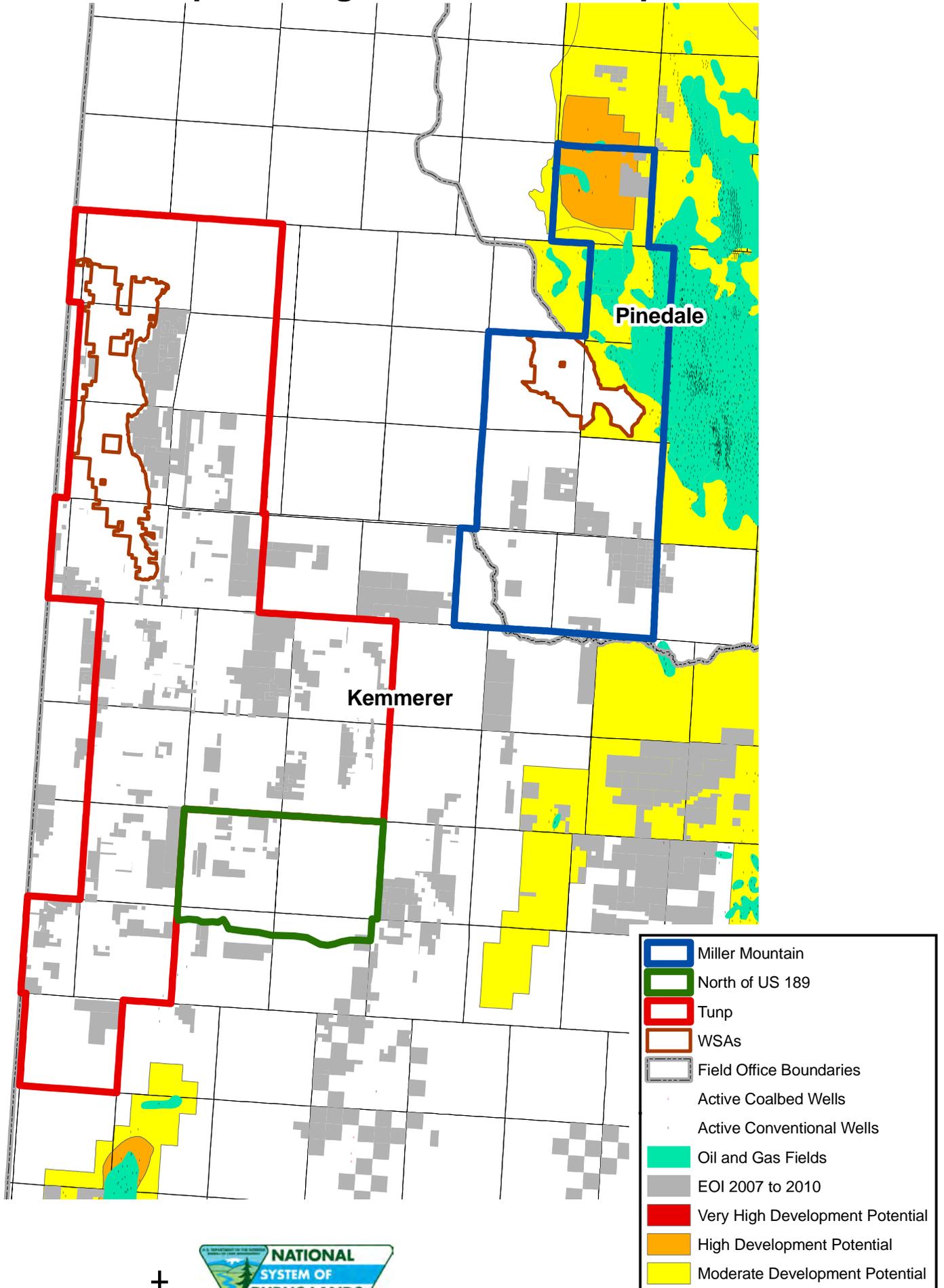
-  Miller Mountain
-  North of US 189
-  Tunp
-  WSAs
-  Field Office Boundaries
-  Unleased Federal O&G
-  Federal O&G Wwnership



Tunp Oil & Gas Development Potential



Tunp Existing Oil & Gas Development



Master Leasing Plan (MLP) Assessment

State Office: Wyoming

Field Office: Lander

Date: 10-21-10

Name and Location of MLP Area: Dubois (MLP #11)

Internal or External Proposal? Nominated by the Wyoming Outdoor Council.

Does the area meet the criteria and qualify for MLP analysis?

No.

How and when will areas qualifying for MLP analysis be addressed?

No MLP required.

Describe the process used for review:

A map was not provided by the proponent. The boundary was developed based on the written description provided by the proponent.

GIS themes were assembled for the following values:

1. Surface Ownership.
2. Federal Oil and Gas Ownership.
3. Unleased Federal Oil and Gas Ownership.
4. Oil and Gas Development Potential as defined in existing RFDs.
5. Expressions of Interest defined by lease parcel nominations for the past 3 years.
6. Existing Oil and Gas Fields.
7. Existing Active Oil and Gas Wells.

Using GIS based analysis values were computed for the entire proposed MLP to determine:

1. Percentage of the area which is currently unleased (Federal Oil and Gas Estate).
2. Percentage of the area which is Federal Oil and Gas Estate.
3. Percentage of the area which has Very High, High or Moderate Oil and Gas Development Potential as defined in existing RFDs.

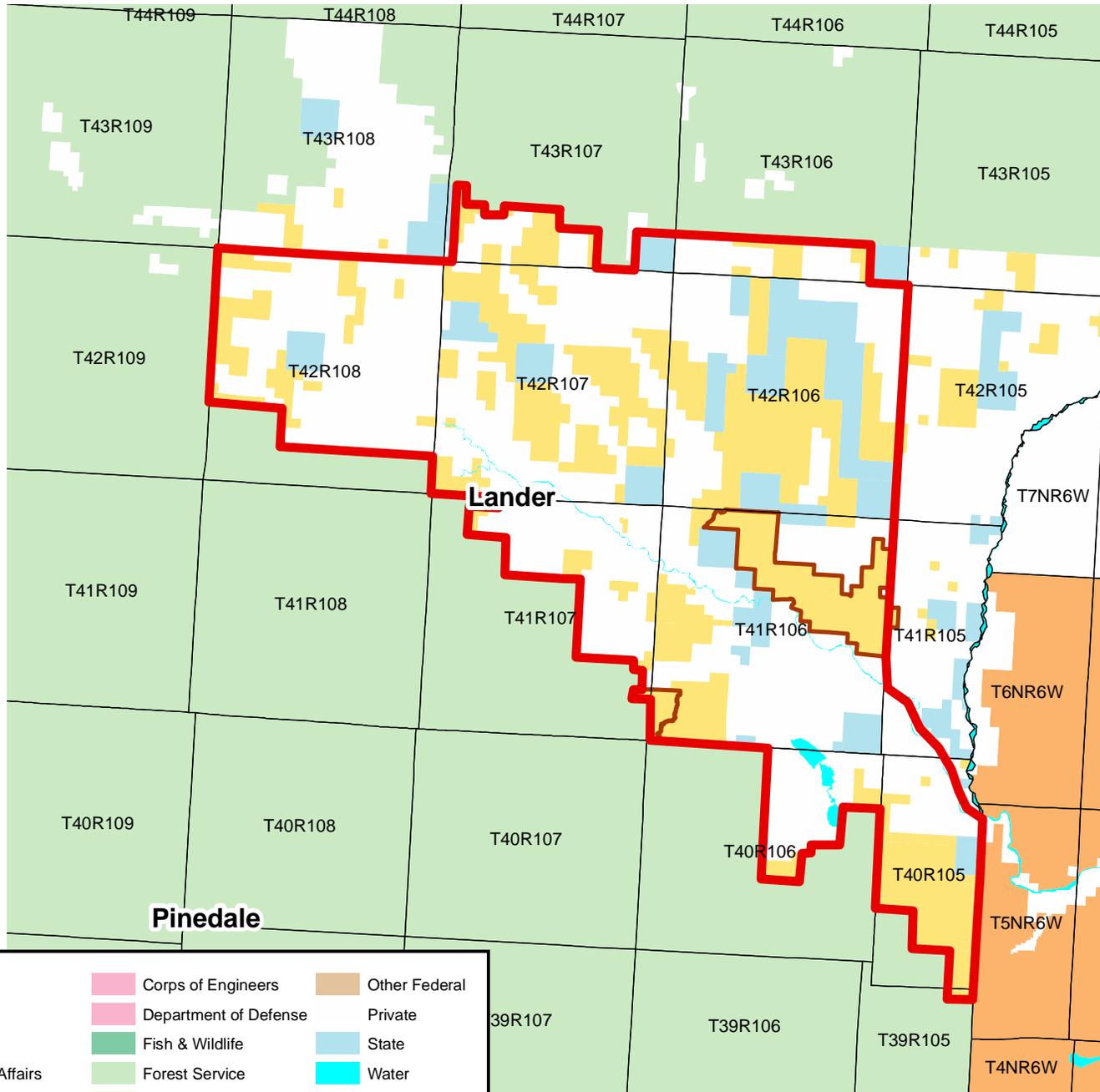
Describe how and why each of the following criteria are met or not met: (Describe in detail)

- 1. A substantial portion of the area to be analyzed in the MLP is not currently leased.**
- 2. There is a majority Federal mineral interest.**
- 3. The oil and gas industry has expressed a specific interest in leasing, and there is a moderate or high potential for oil and gas confirmed by the discovery of oil and gas in the general area.**

MLP Total Area (Acres)	BLM Surface (Acres)	Federal Oil and Gas (Acres)	Percent of Proposed MLP That is Federal Oil and Gas	Percent of Proposed MLP That is UNLEASED Federal Oil and Gas	Percent of Proposed MLP with High or Moderate Potential for Discovery of Oil and Gas.
117,661	38,649	82,527	70.1%	68.0%	0.0%

Based on the RFD the area has essentially no potential for oil and gas development so the area does not meet Criteria 3.

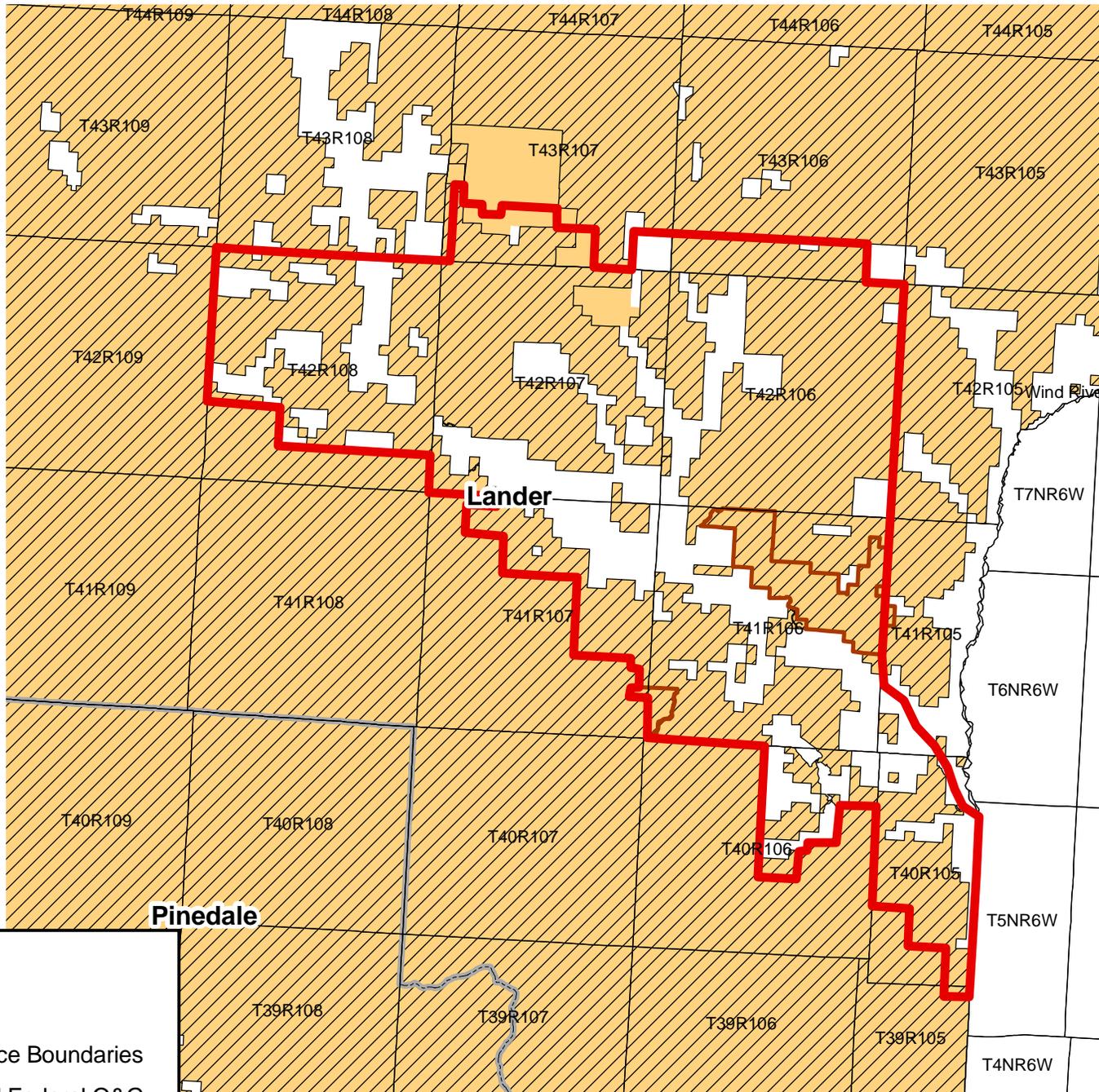
Dubois Surface Ownership



	Dubois		Corps of Engineers		Other Federal
	WSAs		Department of Defense		Private
	Bankhead Jones		Fish & Wildlife		State
	Bureau of Indian Affairs		Forest Service		Water
	Bureau of Land Management		National Grasslands		
	Bureau of Reclamation		National Park Service		



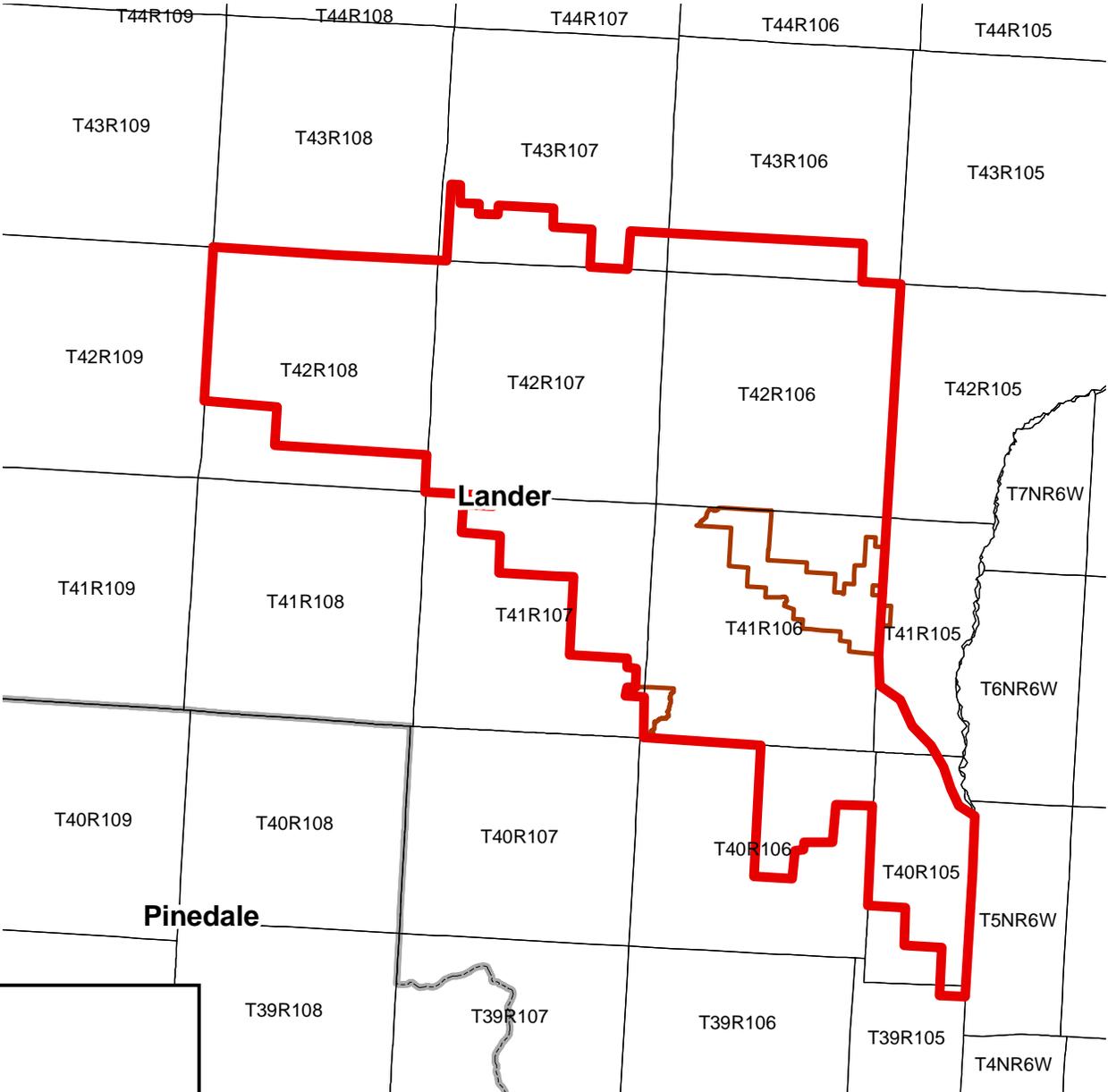
Dubois Oil & Gas Ownership



- Dubois
- WSAs
- Field Office Boundaries
- Unleased Federal O&G
- Federal O&G Ownership



Dubois Oil & Gas Development Potential



	Dubois
	WSAs
	Field Office Boundaries
	Very High Development Potential
	High Development Potential
	Moderate Development Potential



Dubois Existing Oil & Gas Development

