



**ROSCOMMON FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 43 ENTRY YEAR: 2009

Compartment Acreage: 1215

County: Roscommon

Revision Date: 4-11-2007

Stand Examiner: Jason Lewicki

Legal Description: T24N R01W Sections 19 & 20

RMU (if applicable):N/A

Management Goals: To maintain species and structural diversity while managing the ecosystem for health, productivity, sustainability and recreation within the compartment.

Soil and Topography: Soils generally are Roselawn sand and sandy loam. The topography throughout most of the compartment is level to slightly rolling. The topography does rise towards the north end of the compartment.

Ownership Patterns, Development, and Land Use in and Around the Compartment: Much of this compartment is under state ownership. The SESE of section 20 is under private ownership. There is heavy oil and gas use within this compartment with numerous well sites.

Unique, Natural Features: None known

Archeological, Historical, and Cultural Features: None known

Special Management Designations or Considerations: None known

Watershed and Fisheries Considerations: Some drainages and a large bog found within the center of the compartment.

Wildlife Habitat Considerations: Provide and maintain habitat for a variety of game and non game species.

Mineral Resource and Development Concerns and/or Restrictions: Sections 19 & 20, T24N-R1W, Roscommon County

Surface sediments consist of ice-contact and glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 400 and 600 feet. Beneath the glacial drift are the Mississippian Michigan Formation and Marshall Sandstone. The Michigan is quarried for gypsum and the Marshall was previously used as a building stone in other areas of the State. Most of the good gravel pits are associated with upland areas. The nearest gravel pit is located in Section 8 and potential is good on the uplands. Part of St. Helen Field is located in the Compartment. The field has produced over 8.7 million BO and 14.7 Bcf gas from the Devonian Richfield Formation and is in secondary recovery operations currently. State minerals are leased and held-by-production in the secondary recovery operations.

Vehicle Access: Vehicle access is very good in this compartment.

Survey Needs: None

Recreational Facilities and Opportunities: Good vehicle access provides excellent hunting opportunities. The snowmobile trail runs through this compartment.

Fire Protection: With mainly hardwood cover types and good vehicle access fire protection should not be a concern.

Additional Compartment Information:

- **The following 5 reports from the Operations Inventory System (OIPC) are attached:**
 - ◆ **Cover Type by Age Class**
 - ◆ **Cover Type by Management Objective**
 - ◆ **Compartment Volume Summary**
 - ◆ **Proposed Treatments – No Limiting Factors**
 - ◆ **Proposed Treatments – With Limiting Factors**

- **The following information is displayed, where pertinent, on the attached compartment maps:**
 - ◆ **Base feature information, stand numbers, cover types**
 - ◆ **Proposed treatments**
 - ◆ **Proposed road access system**
 - ◆ **Suggested potential old growth**

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Michigan Department of Natural Resources - Operations Inventory System
Individual Compartment Report

AUSABLE STATE FOREST

ROSCOMMON FOREST MGT UNIT

ROSCOMMON COUNTY

COMPARTMENT: 43

Table 3A

(acres shown in boxes)

MANAGEMENT OBJECTIVE TYPE

COVER TYPE	A	S	V	C	G	H	J	I	L	P	N	Q	X	O	B	R	K	Y	F	E	T	D	U	M	Z	W	Total
A Aspen	635																										635
G Grass					100																						100
J Jack Pine							2																				2
L LowInd Brush									1																		1
N Marsh											14																14
X Non Stocked													12														12
O Oak														196													196
R Red Pine																132											132
D Treed Bog																						112					112
M Upland Hdwds																								11			11
Total	635				100		2		1		14		12	196		132						112		11			1215

AUSABLE STATE FOREST

ROSCOMMON FOREST MGT UNIT

ROSCOMMON COUNTY

COMPARTMENT: **43**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	7208 Cds	Hardwood	764 Cds
Hardwood	1068 Mbf	Hardwood	238 Mbf
Softwood	4675 Cds	Softwood	1498 Cds
Softwood	378 Mbf	Sum CutVol	2738 Cds
Sum TotVol	14775 Cds		
Total Cmpt Acres		Acres Proposed For Cut.....	146
	1215		

ROSCOMMON FOREST MGT UNIT

Proposed Treatments
With NO Limiting Factors

Compartment: 43

Entry Year: 2009

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
3	R6	20	42	61	red pine	immature	thinning	1		
9	A6	3	57	57	aspen (upland)	immature	final harvest	1		
comnts Fmd : Long skinny stand of mixed aspen. Red maple and somm northern hardwoods in understory.										
10	R6	3	42	61	red pine	immature	thinning	1		
11	A6	8	57	57	aspen (upland)	immature	final harvest	1		
15	O9	35	74	57	oak	mature	final harvest	1		
comnts Fmd : Stand of old, large diameter oak with aspen and red maple mixed in. Some areas have old large diameter quaking aspen in rapid decline. Final harvest stand and expand aspen areas. Mark 10-30 BA of oak with good crowns to leave in heavier oak areas. Will accept a mix of aspen, oak and red maple for regeneration.										
30	A9	8	84	58	aspen (upland)	mature	final harvest	1		
comnts Fmd : Large old bigtooth aspen stand mixed with oak and red maple. Some oak is red. Final harvest stand and mark some nice crowned oak to stay. Protect what little white pine regeneration there is.										
31	A9	6	53	67	aspen (upland)	mature	final harvest	2		
comnts Fmd : CUT WITH COMPARTMENT 42 STAND 45 TO THE WEST IN 2008										
103	R6	4	42	61	red pine	immature	thinning	1		
104	R6	3	42	61	red pine	immature	thinning	1		
105	R6	6	42	61	red pine	immature	thinning	1		
300	O9	8	84	58	oak	mature	shelterwood-seed	1		
comnts Fmd : Red oak sawtimber stand with red maple and a few aspen. Shelterwood/seed harvest stand leaving 10-30 BA. Favoring nice healthy crowned mast producing oaks.										
310	R6	9	42	61	red pine	immature	thinning	1		
311	R6	8	42	61	red pine	immature	thinning	1		
312	R6	6	42	61	red pine	immature	thinning	1		
313	R6	7	42	61	red pine	immature	thinning	1		
314	R6	6	42	61	red pine	immature	thinning	1		
315	R6	6	42	61	red pine	immature	thinning	1		

ROSCOMMON FOREST MGT UNIT

Proposed Treatments
With NO Limiting Factors

Compartment: 43

Entry Year: 2009

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDI Status
402	G0	19		61	grass	nonstocked		0	opening maintenance	

comnts Fmd : Maintained grass opening with several small islands of timber including oak, cherry and aspen.

Total Acres..... 165

**Proposed Treatments
With Limiting Factors**

Compartment: 43

Entry Year: 2009

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FD Status
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TREATMENT LIMITING FACTORS:

Total Acres..... 0

