

30661.out

Mon Sep 17 08:31:57 2007

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USDA FOREST SERVICE  
 NATIONAL TIMBER CRUISING PROGRAM (NATCRS)  
 VERSION 10.05.2004

RUN DATE: 9-17-2007 RUN TIME: 8:31:57

WASHINGTON OFFICE - TIMBER MANAGEMENT  
 FORT COLLINS, COLORADO  
 (970)295-5776

CRUISE HEADER

SALE NUMBER: 30661	CRUISE NUMBER: 30661	REGION: 9
SALE NAME: OGM 245 Duhring 11 well		FOREST: 19
YEAR: 2007		DISTRICT: 03

REPORTS REQUESTED

A11, R901, UC5

Roads

No Roads

Risk

-15 All species

Species

\* 762 Black Cherry

\* 261 Hemlock

\* 316 Red Maple  
541 Ash

\* 318 Sugar Maple  
833 Red Oak

371 Yellow Birch  
\* 531 Beech  
651 Cucumber

Quality Adj

$$BC = 45.58/93 = .49 = 16$$

Market Adj

$$BC = 17.6 - 10 \text{ (AER Campbell FSR)} = 7.6$$

$$H = 33.3$$

$$RM = 17.6$$

$$SM = 17.6$$

$$BE = 17.7$$

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## VOLUME EQUATION TABLE

SPECIES	PROD	VOLUME EQUATION	STUMP HEIGHT	TOTAL CUBIC VOLUME	PRIMARY ***** PRODUCT *****				SECONDARY ***** PRODUCT *****			Z SCORE
					MIN TOP DIB	BDFT	CUFT	CORDS	MIN TOP DIB	CUFT	CORDS	
261	01	903DVEE261	1.0	NO	.0	YES	NO	NO	.0	NO	NO	.000
261	01	912DVEE261	1.0	NO	.0	NO	YES	NO	.0	NO	NO	.000
261	01	921DVEE261	1.0	NO	.0	NO	NO	NO	.0	NO	YES	.000
261	01	911DVEE261	1.0	NO	.0	NO	NO	NO	.0	YES	NO	.000
261	02	921DVEE261	1.0	NO	.0	NO	NO	YES	.0	NO	NO	.000
261	02	911DVEE261	1.0	NO	.0	NO	YES	NO	.0	NO	NO	.000
316	01	903DVEE316	1.0	NO	.0	YES	NO	NO	.0	NO	NO	.000
316	01	912DVEE316	1.0	NO	.0	NO	YES	NO	.0	NO	NO	.000
316	01	921DVEE316	1.0	NO	.0	NO	NO	NO	.0	NO	YES	.000
316	01	911DVEE316	1.0	NO	.0	NO	NO	NO	.0	YES	NO	.000
316	02	921DVEE316	1.0	NO	.0	NO	NO	YES	.0	NO	NO	.000
316	02	911DVEE316	1.0	NO	.0	NO	YES	NO	.0	NO	NO	.000
318	01	903DVEE318	1.0	NO	.0	YES	NO	NO	.0	NO	NO	.000
318	01	912DVEE318	1.0	NO	.0	NO	YES	NO	.0	NO	NO	.000
318	01	921DVEE318	1.0	NO	.0	NO	NO	NO	.0	NO	YES	.000
318	01	911DVEE318	1.0	NO	.0	NO	NO	NO	.0	YES	NO	.000
318	02	921DVEE318	1.0	NO	.0	NO	NO	YES	.0	NO	NO	.000
318	02	911DVEE318	1.0	NO	.0	NO	YES	NO	.0	NO	NO	.000
371	01	903DVEE371	1.0	NO	.0	YES	NO	NO	.0	NO	NO	.000
371	01	912DVEE371	1.0	NO	.0	NO	YES	NO	.0	NO	NO	.000
371	01	921DVEE371	1.0	NO	.0	NO	NO	NO	.0	NO	YES	.000
371	01	911DVEE371	1.0	NO	.0	NO	NO	NO	.0	YES	NO	.000
371	02	921DVEE371	1.0	NO	.0	NO	NO	YES	.0	NO	NO	.000
371	02	911DVEE371	1.0	NO	.0	NO	YES	NO	.0	NO	NO	.000
531	01	903DVEE531	1.0	NO	.0	YES	NO	NO	.0	NO	NO	.000
531	01	912DVEE531	1.0	NO	.0	NO	YES	NO	.0	NO	NO	.000
531	01	921DVEE531	1.0	NO	.0	NO	NO	NO	.0	NO	YES	.000
531	01	911DVEE531	1.0	NO	.0	NO	NO	NO	.0	YES	NO	.000
531	02	921DVEE531	1.0	NO	.0	NO	NO	YES	.0	NO	NO	.000
531	02	911DVEE531	1.0	NO	.0	NO	YES	NO	.0	NO	NO	.000
541	01	903DVEE541	1.0	NO	.0	YES	NO	NO	.0	NO	NO	.000
541	01	912DVEE541	1.0	NO	.0	NO	YES	NO	.0	NO	NO	.000
541	01	921DVEE541	1.0	NO	.0	NO	NO	NO	.0	NO	YES	.000
541	01	911DVEE541	1.0	NO	.0	NO	NO	NO	.0	YES	NO	.000
541	02	921DVEE541	1.0	NO	.0	NO	NO	YES	.0	NO	NO	.000
541	02	911DVEE541	1.0	NO	.0	NO	YES	NO	.0	NO	NO	.000
651	01	903DVEE651	1.0	NO	.0	YES	NO	NO	.0	NO	NO	.000
651	01	912DVEE651	1.0	NO	.0	NO	YES	NO	.0	NO	NO	.000
651	01	921DVEE651	1.0	NO	.0	NO	NO	NO	.0	NO	YES	.000
651	01	911DVEE651	1.0	NO	.0	NO	NO	NO	.0	YES	NO	.000
651	02	921DVEE651	1.0	NO	.0	NO	NO	Y	.0	NO	NO	.000

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SPECIES	PROD	VOLUME EQUATION	STUMP HEIGHT	TOTAL CUBIC VOLUME	PRIMARY ***** PRODUCT *****				SECONDARY ***** PRODUCT *****			Z SCORE
					MIN TOP DIB	BDFT	CUFT	CORDS	MIN TOP DIB	CUFT	CORDS	
651	02	911DVEE651	1.0	NO	.0	NO	YES	NO	.0	NO	NO	.000
762	01	903DVEE762	1.0	NO	.0	YES	NO	NO	.0	NO	NO	.000
762	01	912DVEE762	1.0	NO	.0	NO	YES	NO	.0	NO	NO	.000
762	01	921DVEE762	1.0	NO	.0	NO	NO	NO	.0	NO	YES	.000
762	01	911DVEE762	1.0	NO	.0	NO	NO	NO	.0	YES	NO	.000
762	02	921DVEE762	1.0	NO	.0	NO	NO	YES	.0	NO	NO	.000
762	02	911DVEE762	1.0	NO	.0	NO	YES	NO	.0	NO	NO	.000
833	01	903DVEE833	1.0	NO	.0	YES	NO	NO	.0	NO	NO	.000
833	01	912DVEE833	1.0	NO	.0	NO	YES	NO	.0	NO	NO	.000
833	01	921DVEE833	1.0	NO	.0	NO	NO	NO	.0	NO	YES	.000
833	01	911DVEE833	1.0	NO	.0	NO	NO	NO	.0	YES	NO	.000
833	02	921DVEE833	1.0	NO	.0	NO	NO	YES	.0	NO	NO	.000
833	02	911DVEE833	1.0	NO	.0	NO	YES	NO	.0	NO	NO	.000

RUN DATE: 9-17-2007 Contract # 155093  
 CRUISE #: 30661  
 SALENAME: OGM 245 Duhring 11 well  
 SALE #: 30661

REPORT UC5  
 VER 10.05.2004  
 VOLUME BY SPECIES WITHIN CUTTING UNIT ACROSS ALL STRATA \*  
 (FOR CUT TREES ONLY)

S P E C I E S	TOTAL	***** SAWTIMBER *****				***** NON-SAWTIMBER *****			
	EST.	EST.	(PROD = 01 UM = 01, 03)		(PROD NOT = 01 UM = 02, 03)		(AND ALL SECONDARY PRODUCT VOLUMES)		
U N I T	# OF	# OF	** GROSS VOLUME **	** NET VOLUME **	GROSS	NET	GROSS	NET	CORDS
S	TREES	TREES	BDFT	CUFT	BDFT	CUFT	CUFT	CUFT	CORDS
1 261 Hemlock	272	18	1380	230	1380	230	1590	1590	20.02
1 316 Red Maple	175	90	22690	3579	20480	3238	2011	2011	25.50
1 318 Sugar Maple	68	26	5262	769	5036	736	945	945	11.97
1 371 Yellow Birch	9	9	1037	154	1037	154	140	140	1.76
1 531 Beech	24	24	3488	507	3361	488	342	342	4.33
1 541 Ash	2	2	523	80	509	78	40	40	.51
1 651 Cucumber	2	2	525	80	525	80	26	26	.33
1 762 Black Cherry	347	93	32494	4870	30337	4558	2131	2131	26.96
1 833 Red Oak	2	2	617	90	617	90	34	34	.43
UNIT 1 TOTAL	900	266	68017	10360	63282	9653	7258	7258	91.82

S U B T O T A L S		*****SAWTIMBER*****				*****NON-SAWTIMBER*****			
SPECIES	TOT EST # OF TREES	EST # OF TREES	** GROSS VOLUME **	** NET VOLUME **	GROSS	NET	GROSS	NET	CORDS
			BDFT	CUFT	CUFT	CUFT	CUFT	CUFT	
X 19 261 H	272	18	1380	230	1380	230	1590	1590	20.02
X 110 316 RMap	175	90	22690	3579	20480	3238	2011	2011	25.50
X 244 3185M	68	26	5262	769	5036	736	945	945	11.97
X 46 371 YB	9	9	1037	154	1037	154	140	140	1.76
X 50 531 Beech	24	24	3488	507	3361	488	342	342	4.33
X 128 541 Ash	2	2	523	80	509	78	40	40	.51
X 87 651 Cuc	2	2	525	80	525	80	26	26	.33
X 1054 762 BC	347	93	32494	4870	30337	4558	2131	2131	26.96
X 228 833 RO	2	2	617	90	617	90	34	34	.43
OVERALL TOTALS ----	900	266	68017	10360	63282	9653	7258	7258	91.82

\* FOR TREE-BASED SAMPLES, THE CUTTING UNIT VOLUME IS BASED ON THE # OF TREES TALLIED OR THE SUM OF KPIS THAT FALL WITHIN THE CUTTING UNIT. FOR AREA-BASED SAMPLES, THE CUTTING UNIT VOLUME IS BASED ON AN AVERAGE VOLUME PER ACRE AT THE STRATA LEVEL TIMES THE NUMBER OF ACRES IN THE CUTTING UNIT.