

## TIMBER SALE BID OPENING

Completion of Gate 5  
(FSM 2430,FSH 2409.18, Chapter 60)

### Sale Description Summary

Region :	Eastern	Sale Number :	20649
Forest :	Allegheny	Sale Name :	OGM Case M 139
Ranger District :	Marienville	Fiscal Year Target :	2008
State :	Pennsylvania	Sale Condition :	Regular
Primary County :	Forest County	SBA Set-aside (Y/N):	None
Contract Form Number :	2400-4T	Bid Method :	Direct (Settlement or Administrative Fr
Type of Sale :	Premeasured	Advertised Value :	\$9,749.76
Bid Form Number :	2400-14 Unit Rate	Purchaser :	DUHRING RESOURCE COMPANY
Contract Number :	155788	Date of Bid Opening :	08/01/2008
Bid Guarantee Amount :	\$0.00	Stewardship Indicator :	N
Legal Description of Sale Area : Warrant 3672, Jenks Township, Forest County, Pa.			

For	Dist	Project ID	Project Name	PALS Project ID	PALS Document Name	NEPA Decision Date	Type of Decision Document
09	19	02	OGMMV	OGM Marienville		10/01/2007	Not Required

### Sale Activities Summary

	Planned Date	Actual Date	
Gate 1 (Plan):	10/01/2007	02/09/2007	
Gate 2 (Design):	10/01/2007	10/01/2007	(NEPA Decision)
Gate 3 (Prepare):	07/30/2008	07/31/2008	
Gate 4 (Advertise):	07/30/2008	08/01/2008	
Gate 5 (Bid):	07/30/2008	08/01/2008	
Gate 6 (Award):	07/30/2008		

### Sale Preparation Funding Source

	Percent	MBF Volume	CCF Volume
SSSS (Salvage Fund)	0	0.00	0.00
CWK2 (KV Fund)	0	0.00	0.00
NFTM (Appropriations)	100	52.89	86.00

## Sale Status Summary

Change Date	Status	Reason	CCF Volume	Remarks
08/01/2008 08:23:30 AM	Current Processing Gate	Project/Sale Gate Lock		
08/01/2008 08:07:25 AM	Current Processing Gate	Project/Sale Gate Lock		
07/31/2008 01:36:01 PM	Current Processing Gate	Project/Sale Gate Lock		
07/31/2008 12:56:57 PM	Current Processing Gate	Project/Sale Gate Unlock		
07/30/2008 07:48:36 AM	Current Processing Gate	Project/Sale Gate Lock		
07/30/2008 07:32:32 AM	OnGoing	Ongoing		

Estimated Sale Volume (CCF) - Mandatory :	86.00		
Estimated Sale Volume (CCF) - Optional:	0.00		
Estimated Harvest Acres - Mandatory :	4.5		
Estimated Harvest Acres - Optional:			
Estimated Length of Specified Road Construction :	0 KM		0 Miles
Estimated Length of Specified Road Reconstruction :	0 KM		0 Miles
Total Number of Specified Bridges :	0		
Number of Specified TT/Other Facilities :	0		
Total Specified Road, Bridge and TT/Other Facility Cost :	\$0.00		
Deposits for Reconstruction Engineering Services (DRES) :	\$0.00		
Deposits for Actual Reconstruction (DAR) :	\$0.00		
Total Brush Disposal Plan Amount :	\$0.00		
Total Salvage Sale Plan Eligible Amount :	\$0.00	Funded Amount :	\$0.00
Total SAI & KV Eligible Amount :	\$0.00	Funded Amount :	\$0.00

## Estimated Distribution of Cash Stumpage Charges

Total Sale Bid Stumpage Value :	\$9,749.76
Timber Property Value :	\$0.00
Available Stumpage :	\$9,749.76

Timber Sale Bid Opening (Gate 5)

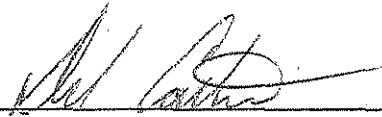
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Account Name	Estimated Collections	% of Available Stumpage
(All Funds to NFF)	\$9,749.76	100
<b>Total</b>	<b>\$9,749.76</b>	<b>100</b>
NFF	\$9,749.76	100

Stewardship Schedule of Work Items				
Mandatory Flag	Item Number (a)	Work Activity Description (b)	Unit of Measure (c)	Estimated Quantity (d)

Timber Sale Bid Opening Reviewed By :

  
 \_\_\_\_\_  
 (Signature and Title)

8-01-08  
 \_\_\_\_\_  
 (Date)

\_\_\_\_\_  
 (Signature and Title)

\_\_\_\_\_  
 (Date)

**Certification:** The bid opening was monitored for instances of non-competitive bidding or possible collusive behavior, and any affirmative findings have been appropriately reported; the Salvage Sale Fund and/or KV Fund Plans have been updated, if needed; all bids have been reviewed to determine bidder's responsiveness; and the apparent high bidder has been notified by letter that the sale has been tentatively awarded to that bidder.

Timber Sale Bid Opening Approved By :

\_\_\_\_\_  
 (Contracting Officer)

\_\_\_\_\_  
 (Date)

USDA - FOREST SERVICE

REPORT OF TIMBER SALE  
Convertible and Nonconvertible Products  
(Ref. FSM 2490)

REGION : 09 Eastern	FOREST : 19 Allegheny	DISTRICT (OR AREA): 02 Marienville	SALE NUMBER: 20649	QUARTER- FY 4 - 08
STATE: PA	COUNTY: 053	SALE NAME: OGM Case M 139		COMPARTMENTS:
ACRES IN SALE: 4.5	SIZE CLASS: 4	LEGAL DESCRIPTION: Duhring		
BID DATE: 08/01/2008	STATUS: O	REASON: 0000	SBA SET-ASIDE : None	APP. BASE PERIOD: 0708
SALE CONDITION: 1	PRICING METHOD: FLAT	TOTAL KV PLAN:	TERM DATE : 08/31/2009	ZONE : 1
CONTRACT NO: 155788	CONTRACT FORM: 2400-4T	CONTRACTING OFFICER: S	METHOD OF SALE: D	REG: 29

Species	Spec Code	Prod Unit	Volume	Advert. Rates	Stat High Bid	High Bidder	2nd Hi Bidder	3rd Hi Bidder	4th Hi Bidder	5th Hi Bidder	6th Hi Bidder	7th Hi Bidder	8th Hi Bidder	9th Hi Bidder	10th Hi Bidder	11th Hi Bidder	12th Hi Bidder	13th Hi Bidder	14th Hi Bidder	
BC	762	01-03	34.00	255.59	255.59	255.59														
MH	004	01-03	1.00	17.12	17.12	17.12														
RM	316	01-03	11.00	77.18	77.18	77.18														
SM	318	01-03	1.00	119.50	119.50	119.50														
MH	004	02-03	39.00	1.90	1.90	1.90														
Total/Avg -----			86.00	113.37	113.37	113.37														

SUMMARY OF BIDDERS

Rank	Name	Bidder Size	Bidder Class	SBA Certification	Total Bid Value
1	DUHRING RESOURCE COMPANY	1	N	N	\$9,749.76

I Certify that I have personally examined the bids submitted for this sale and that this is an accurate record thereof.

Signature:

Title:

Date:

Remarks:

**TIMBER SALE REPORT****Completion of Gate 4**

(FSM 2430,FSH 2409.18, Chapter 50)

**Sale Description Summary**

Region :	Eastern	Sale Number :	20649
Forest :	Allegheny	Sale Name :	OGM Case M 139
Ranger District :	Marienville	Fiscal Year Target :	2008
State :	Pennsylvania	Sale Condition :	Regular
Primary County :	Forest County	SBA Set-aside (Y/N):	None
Contract Form Number :	2400-4T	Bid Method :	Direct (Settlement or Administrative Fr
Type of Sale :	Premeasured	Advertised Value :	\$9,749.76
Bid Form Number :	2400-14 Unit Rate	Stewardship Indicator:	N
Bid Guarantee Amount :	\$0.00		

Legal Description of Sale Area : Warrant 3672, Jenks Township, Forest County, Pa.

For	Dist	Project ID	Project Name	Project ID	Project Name	NEPA Decision Date	Type of Decision Document
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**Sale Activities Summary**

	<u>Planned Date</u>	<u>Actual Date</u>	
Gate 1 (Plan):	10/01/2007	02/09/2007	
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Gate 4 (Advertise):	07/30/2008	08/01/2008	
Gate 5 (Bid):	07/30/2008		
Gate 6 (Award):	07/30/2008		

**Sale Preparation Funding Source**


	<u>Percent</u>	<u>MBF Volume</u>	<u>CCF Volume</u>
SSSS (Salvage Fund)	0	0.00	0.00
CWK2 (KV Fund)	0	0.00	0.00
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Sale Status Summary

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Estimated Sale Volume (CCF) - Mandatory	86.00	Estimated Harvest Acres - Mandatory	4.5
Estimated Sale Volume (CCF) - Optional:	0.00	Estimated Harvest Acres - Optional :	
Estimated Length of Specified Road Construction :	0 KM		0 Miles
Estimated Length of Specified Road Reconstruction :	0 KM		0 Miles
Total Number of Specified Bridges :	0		
Total Number of Specified TT/Other Facilities :	0		
Total Specified Road, Bridge and TT/Other Facility Cost :	\$0.00		
Deposits for Reconstruction Engineering Services (DRES) :	\$0.00		
Costs for Actual Reconstruction (DAR) :	\$0.00		
Total Brush Disposal Plan Amount :	\$0.00		
Total Salvage Sale Fund Plan Eligible Amount :	\$0.00	Funded Amount :	\$0.00
Total SAI & KV Eligible Amount :	\$0.00	Funded Amount :	\$0.00

Timber Sale Final Package Reviewed By :

  
 \_\_\_\_\_  
 (Signature and Title)

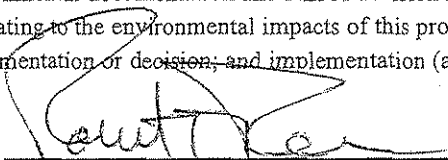
8-01-08  
 \_\_\_\_\_  
 (Date)

\_\_\_\_\_  
 (Signature and Title)

\_\_\_\_\_  
 (Date)

**Certification:** All attached documents and specifications for this timber sale have been completed in accordance with regulations at 36 CFR, Part 223, Subpart B, and applicable Forest Service Manual and Handbook requirements and standards related to timber sales. Furthermore, the environmental documentation and NEPA decision have been reviewed; no significant new information or changed circumstances relating to the environmental impacts of this proposed action exist that require a correction, supplement, or revision to the documentation or decision; and implementation (advertisement) should continue.

Timber Sale Final Package Approved By :

  
 \_\_\_\_\_  
 (Approving Officer)

8/01/08  
 \_\_\_\_\_  
 (Date)

Sale Objectives

Objective	Description	Percent of Sale Volume
TC01	Timber Resource	100

Volume Adjustments

Entire Sale	Cruise Type	Cruise No.	Strata No.	Sample Group	Product	Cruise Species	Live / Dead	Cutting Unit ID	Adjustment Ratio	Reason
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Estimated Volume Data By Cutting Unit

Mandatory?	Cutting Unit	Payment Unit	Product Name	CCF Qty	CCF/Acre
Y	16	1	Sawtimber	8.09	10.79
Y	16	1	Pulpwood	6.21	8.29
Y	18	1	Sawtimber	8.86	11.81
Y	18	1	Pulpwood	7.96	10.61
Y	20	1	Sawtimber	7.46	9.95
Y	20	1	Pulpwood	4.78	6.38
Y	24	1	Sawtimber	6.89	9.19
Y	24	1	Pulpwood	6.99	9.32
Y	26	1	Sawtimber	9.53	12.71
Y	26	1	Pulpwood	8.50	11.34
Y	PL	1	Sawtimber	5.98	7.97
Y	PL	1	Pulpwood	4.48	5.98

Total/Average = 85.74 19.05

Estimated Sale Volume Summary

Mandatory?	Product Name	Contract Species Name	CCF Qty	MBF Conversion	CCF Conversion
Y	Sawtimber	Black Cherry	34.05	0.6000	1.0000
Y	Sawtimber	Hardwood - Other	0.82	0.6000	1.0000
Y	Sawtimber	Red Maple	10.73	0.6000	1.0000
Y	Sawtimber	Sugar Maple	1.21	0.6000	1.0000
Y	Pulpwood	Hardwood - Other	38.93	0.6330	1.0000

Total = 85.74

Harvest Acres Data by Cutting Unit

Mandatory?	Cutting Unit	Payment Unit	Timber Land Suitability Class	Harvest Method	Acres
Y	16	1	Suitable-Timber Emphasis	Permanent land clearing	0.75
Y	18	1	Suitable-Timber Emphasis	Permanent land clearing	0.75
Y	20	1	Suitable-Timber Emphasis	Permanent land clearing	0.75
Y	24	1	Suitable-Timber Emphasis	Permanent land clearing	0.75
Y	26	1	Suitable-Timber Emphasis	Permanent land clearing	0.75
Y	PL	1	Suitable-Timber Emphasis	Permanent land clearing	0.75
<b>Total =</b>					<b>4.50</b>

Sale Harvest Acres Summary

Mandatory?	Harvest Method	Acres
Y	Permanent land clearing	4.50
<b>Total =</b>		<b>4.50</b>

Payment Rates

Contract Species	Product Name	UoM	Advertised Rate per	Deposit for Slash Disposal	Deposit for Road Mtncce per UoM	Total Product Value	Total Slash Deposit Value	Total Road Mtncce. Deposit
Black Cherry	Sawtimber	CCF	255.59	0	0	\$8,690.06	\$0.00	\$0.00
Hardwood - Other	Sawtimber	CCF	17.12	0	0	\$17.12	\$0.00	\$0.00
Red Maple	Sawtimber	CCF	77.18	0	0	\$848.98	\$0.00	\$0.00
Sugar Maple	Sawtimber	CCF	119.50	0	0	\$119.50	\$0.00	\$0.00
Hardwood - Other	Pulpwood	CCF	1.90	0	0	\$74.10	\$0.00	\$0.00
<b>Total =</b>						<b>\$9,749.76</b>	<b>\$0.00</b>	<b>\$0.00</b>

Facility Construction Costs

Facility Type	Number	Name	Termini		Estimated Cost	Contributed Funds	Supplemental Funds
			From	To			
<b>Total =</b>							
					\$0.00	\$0.00	\$0.00

Facility Construction Detail

Facility Type	Number	Name	Termini		Length (km)	W C	T S L	M L	DC	Const. Stake Resp	Road Design Resp	Road Survey Resp	Road Compl. Date
			From	To									

WC = Work Class TSL = Traffic Service Level ML = Maintenance Level DC = Design Class

Stewardship Schedule of Work Items				
Mandatory Flag	Item Number (a)	Work Activity Description (b)	Unit of Measure (c)	Estimated Quantity (d)

## Attachments

1. Sale Area Map
2. Sale Area Improvement Plan
3. Brush Disposal Treatment and Collection Plan
4. Salvage Sale Fund Plan
5. Cruise Reports
6. Appraisal & FS-2400-17
7. Notice of Sale Prospectus Availability
8. Prospectus
9. Bid Form
10. Preliminary Advertisement
11. Advertisement
12. Sample Contract
13. Specified Road & Bridge Specifications
14. NEPA Documentation
15. NEPA Decision
16. Project Implementation Plan
17. Sale Preparation Notes and Working Maps
18. Right-of-Way and Road Use Agreements
19. Other Relevant Documents

CRUISE AND APPRAISAL REPORT

(Attach to Timber Sale Report)

Ranger District: Marienville Ranger District Report Date: August 01, 2008  
Sale Name: OGM Case M 139 Sale No: 20649  
Total CCF Volume: 86

VOLUME DETERMINATION

(A) Certification

Names of Estimators	Est. No.	Certification Level	Date
<u>T Smalley</u>	<u>T</u>	<u>Qualified</u>	
<u>D Miller</u>	<u>m</u>	<u>Qualified</u>	
<u>T Hebel</u>	<u>H</u>	<u>Qualified</u>	
<u>R Fish</u>	<u>R</u>	<u>Qualified</u>	

(B) Dates of volume Determination: 07/08

(C) Methods of volume Determination:

For further details see Cruise Plan and National Cruise Reports

Stratum Stratum Desc. Crz Mth BAF FP Den. Lg Mth Min DBH Max DBH

(D) Error for Sale

Total Required Error ±10%  
Total Actual Error ≤ 10%

(E) Sale Check Measurements

Name of Checker: NA  
Date: \_\_\_\_\_ Result \_\_\_\_\_

Paint Used to Mark Sale:

Unit	Type	Vendor	Lot #	Serial #	Color
<u>①</u>	<u>H2O</u>	<u>Can</u>	<u>Wiles</u>	<u>R0710</u>	<u>white</u>

## SELLING PRICES:

(A) Base period prices effective: July 01, 2008

(B) Individual species base period prices are:

Species Group Volume	Product	Species Composition	Base Price	Mkt Adj	Qual Adj	Adj Base Price
32	Black Cherry Sawtimber	Black Cherry	788.40	-\$78.84	-\$331.13	\$709.56
0	Hardwood - Pulpwood	Beech	2.50	\$ .00	\$ .00	\$2.50
13		Black Cherry	2.50	\$ .00	\$ .00	\$2.50
17		Red Maple	2.50	\$ .00	\$ .00	\$2.50
5		Sugar Maple	2.50	\$ .00	\$ .00	\$2.50
0		Sweet Birch	2.50	\$ .00	\$ .00	\$2.50
0	Sawtimber	Beech	60.00	\$ .00	\$ .00	\$60.00
0		Sweet Birch	60.00	\$ .00	\$ .00	\$60.00
10	Red Maple Sawtimber	Red Maple	139.20	\$ .00	\$ .00	\$139.20
1	Sugar Maple Sawtimber	Sugar Maple	201.00	\$ .00	\$ .00	\$201.00

(C) Weighted average base period prices are:

Species Group Volume	Product	Base Price	Mkt Adj	Qual Adj	Adj Base Price
34	Black Cherry Sawtimber	\$788.40	-\$78.84	-\$331.13	\$378.43
	Reason for Mkt Adjustments:	declining markets			
	Reason for Qual Adjustments:	.33 ccf/tree			
39	Hardwood - Other Pulpwood	\$2.50	\$ .00	\$ .00	\$2.50
	Reason for Mkt Adjustments:	None			
	Reason for Qual Adjustments:	None			

Hardwood - Other	Sawtimber	\$60.00	\$ .00	\$ .00	\$60.00
1					
	Reason for Mkt Adjustments:	None			
	Reason for Qual Adjustments:	None			
Red Maple		\$139.20	\$ .00	\$ .00	\$139.20
11					
	Reason for Mkt Adjustments:	None			
	Reason for Qual Adjustments:	None			
Sugar Maple		\$201.00	\$ .00	\$ .00	\$201.00
1					
	Reason for Mkt Adjustments:	None			
	Reason for Qual Adjustments:	None			

## FELL BUCK COST ADJUSTMENTS:

Total Sale Volume (CCF).....	86
Number of Acres .....	5
Number of Trees .....	326
Sale Average Volume per Acre .....	
Forest Average Volume per Tree .....	.184
Sale Average Volume per Tree .....	.264
Percent Change from Forest Average Volume per Tree ....	43
Forest Average Slope .....	25
Sale Average Slope .....	0

## FELL BUCK APPRAISAL ADJUSTMENT:

Remarks/Reasons for adjustments:

## SKID LOAD COST ADJUSTMENT:

Total Sale Volume (CCF).....	86
Number of Acres .....	5
Number of Trees .....	326
Sale Average Volume per Acre .....	
Forest Average Volume per Tree .....	.184
Sale Average Volume per Tree .....	.264
Percent Change from Forest Average Volume per Tree ....	43

Forest Average Slope ..... 25  
 Sale Average Slope ..... 0

SKID LOAD APPRAISAL ADJUSTMENT:

Remarks/Reasons for adjustments:

TRANSPORTATION ADJUSTMENTS:

Species-Product	Hauled To		Standby Rate
Road Class Miles Rate/Mi	Cost		

APPRAISAL HAUL ADJUSTMENTS

Species-Product	Base Haul	Sale Haul	Apprsl Adjust
Black Cherry Sawtimber	\$22.08	\$22.08	\$ .00
Hardwood - Other Pulpwood	\$ .01	\$ .01	\$ .00
Hardwood - Other Sawtimber	\$22.08	\$22.08	\$ .00
Red Maple Sawtimber	\$22.08	\$22.08	\$ .00
Sugar Maple Sawtimber	\$22.08	\$22.08	\$ .00

FOREST SYSTEM - FOREST SERVICE MAINTENANCE

(For Contract Road Maintenance Deposits)

Road	PU	Haul Miles	Volume UOM	Rate	Cost	Remarks
*****					-----	
sum						
***					-----	
sum						

Values derived from appraisal to be used in computing Road Mtncce charges

(For Purchaser Road Maintenance)

Road	PU	Haul Miles	Volume UOM	Rate	Remarks
*****					-----
sum					
***					-----
sum					

Appraisal Purchaser Road Maintenance rates

Total Sale Road Maintenance Cost Adjustment in Appraisal

\$3.09 per CCF

CONTRACT COSTS:

Purchaser Contract Costs	Quantity	Cost/UOM	Cost	Remarks
Type of Work UOM				
equipment cleaning each	1.0	\$500.00	\$500.00	

safety signs	each	2.0	\$110.00	\$220.00
slash disposal	acres	5.0	\$110.00	\$550.00

## Forest Service Coop Brush Disposal Contract Costs

Project	UOM	Quantity	Cost/UOM	Cost
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## SUMMARY OF CONTRACTUAL COSTS APPLIED TO APPRAISAL

Base Contract Cost/CCF	Sale Contract Cost/CCF	Contract Cost	Adj/CCF
Pulpwood \$4.12	Pulpwood \$14.77	Pulpwood	-\$10.65
Sawtimber \$4.12	Sawtimber \$14.77	Sawtimber	-\$10.65

## TEMPORARY DEVELOPMENTS

Description	UOM	Units	Cost/Unit	Remarks
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## APPRAISAL TEMPORARY DEVELOPMENT RATES

Base Tmp Devel Cost/CCF	Sale Tmp Devel Cost/CCF	Tmp Devel Cost	Adj/CCF
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## SPECIFIED FACILITIES

Specified Facility costs in appraisal (see details in TIM Timber Sale Report):

Estimated road cost allowance -	\$ .00 per CCF
Deposits for Reconstruction Services (DRES) -	\$ .00 per CCF
Deposits for Actual Reconstruction (DAR) -	\$ .00 per CCF
Total Specified Facility cost -	\$ .00 per CCF

## UNUSUAL COSTS (Sale Desirability Adjustment)

Reason	Cost	Remarks
increased fuel cost -22.00/ccf	\$1,892.00	

## Unusual Costs by Product in appraisal

Product	Cost
Pulpwood	-\$22.00 per CCF
Sawtimber	-\$22.00 per CCF

## RISK ADJUSTMENT

Species	Product	Adj %	Reason
Black Cherry	Sawtimber	-15	
Hardwood - Other	Sawtimber	-15	
Red Maple	Sawtimber	-15	
Sugar Maple	Sawtimber	-15	

## TIMBER PROPERTY VALUES

Species	Product	Prop Value	Prop Rate	Remarks
Black Cherry	Sawtimber	\$ .00	\$ .00	
Hardwood - Other	Sawtimber	\$ .00	\$ .00	
Red Maple	Sawtimber	\$ .00	\$ .00	

Sugar Maple	Sawtimber	\$ .00	\$ .00
Hardwood - Other	Pulpwood	\$ .00	\$ .00

## REQUIRED REFORESTATION WORK DUE TO HARVESTING ACTIVITIES

Activity	UOM	Cost/Activity	Quantity	Total Cost
sum				-----

## ADJUSTMENTS TO BASE RATES

Species	Product	UOM	Min. Rate	Adj to Line 40
Hardwood - Other	Pulpwood	CCF	\$1.90	\$32.05
Hardwood - Other	Sawtimber	CCF	\$12.00	-\$1.23
Black Cherry	Sawtimber	CCF	\$117.00	-\$33.43
Red Maple	Sawtimber	CCF	\$42.00	-\$8.49
Sugar Maple	Sawtimber	CCF	\$42.00	-\$18.70

Sale Id:	20649	TE Effective Date:	01-JUL-08		
Sale Name:	OGM Case M 139	Date Appraised:	01-AUG-08		
Product	1	1	1	1	2
Form	3	3	3	3	3
2. Species	BC	MH	RM	SM	MH
3. Species Code	762	004	316	318	004
4. % By Species	39.5	1.2	12.8	1.2	45.3
5. Volume	34	1	11	1	39
6. Base Period Price	788.4	60	139.2	201	2.5
7a. Market Adjustment	-78.84	0	0	0	0
7b. Quality Adjustment	-331.13	0	0	0	0
8. Adj Base Price	378.43	60	139.2	201	2.5
9. Falling and Bucking	0	0	0	0	0
10. Skidding and Loading	0	0	0	0	0
11. Logging Adj	0	0	0	0	0
12. Base Haul Cost	22.08	22.08	22.08	22.08	.01
13. Sale Haul Cost	22.08	22.08	22.08	22.08	.01
14. Haul Cost Adj	0	0	0	0	0
15. Base Road Mtnc Cost	3.09	3.09	3.09	3.09	3.09
16. Sale Road Mtnc Cost	3.09	3.09	3.09	3.09	3.09
17. Road Mtnc Cost Adj	0	0	0	0	0
18. Base Contractual Cost	4.12	4.12	4.12	4.12	4.12
19. Sale Contractual Cost	14.77	14.77	14.77	14.77	14.77
20. Contractual Cost Adj	-10.65	-10.65	-10.65	-10.65	-10.65
21. Base Temp Road Cost	3.93	3.93	3.93	3.93	3.93
22. Sale Temp Road Cost	3.93	3.93	3.93	3.93	3.93
23. Temp Road Cost Adj	0	0	0	0	0
26. Unusual Costs	-22	-22	-22	-22	-22
30. Specified Road Cost	0	0	0	0	0
35. Total Adjustments	-32.65	-32.65	-32.65	-32.65	-32.65
36. Stumpage Rates	345.78	27.35	106.55	168.35	-30.15
38. Risk Adj	-56.76	-9	-20.88	-30.15	0
40. Ind Advertised Rate	289.02	18.35	85.67	138.2	-30.15
41. Base Rates	117	12	42	42	1.9
42. Adj to Line 40 Rates	-33.43	-1.23	-8.49	-18.7	32.05
43. Advertised Rates	255.59	17.12	77.18	119.5	1.9
47. Timber Prop Value	0	0	0	0	0
Timber Prop Rates	0	0	0	0	0

Volume 86 CCF  
Sale Price \$9,749.76

Contract 003136 species

RM-316

Sm-318

MH-531, 372

BC-762

MH- hhdwd pulp

Market Adj

BC -10% declining markets

Quality

BC -42%  
0.33 ccf/tree

NO ROAD MTC

Contractual Adj

Equipment Cleaning \$ 500-

safety signs 2 @ \$110/each

slash disposal 5 acres 110/acr

Unusual cost

-22<sup>00</sup> ccf increased fuel = 1892<sup>00</sup>

Risk

-15% all swt

Miles whil 20710  
TS(T) Bm(m) RF(R) TH(H)  
FS(F)

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

RUN DATE: 7-31-2008 RUN TIME: 14: 2: 1

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

CRUISE HEADER

SALE NUMBER: 20649	CRUISE NUMBER: 20649	REGION: 9
SALE NAME: OGM Case M139		FOREST: 19
YEAR: 2008		DISTRICT: 02

REPORTS REQUESTED

A1, A5, A11, B1, CP1, DP1, DS1, UC5

RUN DATE: 7-31-2008  
 CRUISE #: 20649  
 SALENAME: 0003137  
 SALE #: 20649  
 INPUT FILE NAME: 20649.job  
 REGION: 9

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	
316	01	903DVEE316	1.0	NO	0.0	YES	NO	NO	0.0	NO	NO	0.000
316	01	912DVEE316	1.0	NO	0.0	NO	YES	NO	0.0	NO	NO	0.000
316	01	911DVEE316	1.0	NO	0.0	NO	NO	NO	0.0	YES	NO	0.000
316	01	921DVEE316	1.0	NO	0.0	NO	NO	NO	0.0	NO	YES	0.000
316	02	911DVEE316	1.0	NO	0.0	NO	YES	NO	0.0	NO	NO	0.000
316	02	921DVEE316	1.0	NO	0.0	NO	NO	YES	0.0	NO	NO	0.000
318	01	903DVEE318	1.0	NO	0.0	YES	NO	NO	0.0	NO	NO	0.000
318	01	912DVEE318	1.0	NO	0.0	NO	YES	NO	0.0	NO	NO	0.000
318	01	911DVEE318	1.0	NO	0.0	NO	NO	NO	0.0	YES	NO	0.000
318	01	921DVEE318	1.0	NO	0.0	NO	NO	NO	0.0	NO	YES	0.000
318	02	911DVEE318	1.0	NO	0.0	NO	YES	NO	0.0	NO	NO	0.000
318	02	921DVEE318	1.0	NO	0.0	NO	NO	YES	0.0	NO	NO	0.000
372	01	903DVEE372	1.0	NO	0.0	YES	NO	NO	0.0	NO	NO	0.000
372	01	912DVEE372	1.0	NO	0.0	NO	YES	NO	0.0	NO	NO	0.000
372	01	911DVEE372	1.0	NO	0.0	NO	NO	NO	0.0	YES	NO	0.000
372	01	921DVEE372	1.0	NO	0.0	NO	NO	NO	0.0	NO	YES	0.000
372	02	911DVEE372	1.0	NO	0.0	NO	YES	NO	0.0	NO	NO	0.000
372	02	921DVEE372	1.0	NO	0.0	NO	NO	YES	0.0	NO	NO	0.000
531	01	903DVEE531	1.0	NO	0.0	YES	NO	NO	0.0	NO	NO	0.000
531	01	912DVEE531	1.0	NO	0.0	NO	YES	NO	0.0	NO	NO	0.000
531	01	911DVEE531	1.0	NO	0.0	NO	NO	NO	0.0	YES	NO	0.000
531	01	921DVEE531	1.0	NO	0.0	NO	NO	NO	0.0	NO	YES	0.000
762	01	903DVEE762	1.0	NO	0.0	YES	NO	NO	0.0	NO	NO	0.000
762	01	912DVEE762	1.0	NO	0.0	NO	YES	NO	0.0	NO	NO	0.000
762	01	911DVEE762	1.0	NO	0.0	NO	NO	NO	0.0	YES	NO	0.000
762	01	921DVEE762	1.0	NO	0.0	NO	NO	NO	0.0	NO	YES	0.000
762	02	911DVEE762	1.0	NO	0.0	NO	YES	NO	0.0	NO	NO	0.000
762	02	921DVEE762	1.0	NO	0.0	NO	NO	YES	0.0	NO	NO	0.000

CRUISE #: 20649  
 SALENAME: OGM 003138  
 SALE #: 20649

REPORT A1  
 VER 10.05.2004  
 STRATA AND UNIT REPORT  
 2A RECORDS

RECORD TYPE	CRUISE NO.	CUTTING UNIT NO.	CUTTING UNIT ACRES	CUTTING UNIT DESCRIPTION	LOG METHOD	PAYMENT UNIT NO.
2A	20649	16	0.75			
2A	20649	18	0.75			
2A	20649	20	0.75			
2A	20649	24	0.75			
2A	20649	26	0.75			
2A	20649	PL	0.75			
2A	20649	16	0.75			
2A	20649	18	0.75			
2A	20649	20	0.75			
2A	20649	24	0.75			
2A	20649	26	0.75			
2A	20649	PL	0.75			
TOTAL SALE ACRES:			9.00			

RUN DATE: 7-31-2008

PAGE 4

CRUISE #: 20649  
SALENAME: OGM 003139  
SALE #: 20649

REPORT A1  
VER 10.05.2004  
STRATA AND UNIT REPORT  
3A RECORDS

RECORD TYPE	CRUISE NO.	STRATA NO.	CRUISE METHOD	STRATA ACRES	BAF	PLOT SIZE	NO. OF PLOTS	STRATA DESCRIPTION	DATE MMYYYY
3A	20649	01	100	4.50	0.00	0.	0		
3A	20649	02	STR	4.50	0.00	0.	0		

CRUISE #: 20649  
 SALENAME: OGM 003140  
 SALE #: 20649

REPORT A1  
 VER 10.05.2004  
 STRATA AND UNIT REPORT  
 4A RECORDS

RECORD TYPE	CRUISE NO.	STRATA NO.	CUTTING UNIT NO.	STRATA/UNIT ACRES
4A	20649	01	16	0.75
4A	20649	01	18	0.75
4A	20649	01	20	0.75
4A	20649	01	24	0.75
4A	20649	01	26	0.75
4A	20649	01	PL	0.75
4A	20649	02	16	0.75
4A	20649	02	18	0.75
4A	20649	02	20	0.75
4A	20649	02	24	0.75
4A	20649	02	26	0.75
4A	20649	02	PL	0.75

CRUISE #: 20649  
SALENAME: OGM 00341  
SALE #: 20649

REPORT A5  
VER 10.05.2004  
CUBIC FOOT  
PRIMARY AND SECONDARY PRODUCT  
VOLUME INFORMATION

S T R U C T U R E	P L O T	T R I E S	D B H O B	M R H T	M R H T	***** PER TREE *****				***** PER ACRE/PER STRATA *****							
						*** PRIMARY ***		** SECONDARY **		** PRIMARY **		** SECONDARY **					
A N N O U N C Y	L O T	T R I E S	O B D	P D	P D	GROSS CUFT	NET CUFT	GROSS CUFT	NET CUFT	TREE FAC	CHAR FAC	EXP FAC	GROSS CUFT	NET CUFT	GROSS CUFT	NET CUFT	
01	16	2	762	23.2	05	07	78.8	74.9	17.0	17.0	0.000	0.000	1.000	78.8	74.9	17.0	17.0
01	16	3	316	12.0	03	06	15.3	11.5	8.0	8.0	0.000	0.000	1.000	15.3	11.5	8.0	8.0
01	16	4	316	19.0	03	07	36.6	36.6	26.7	26.7	0.000	0.000	1.000	36.6	36.6	26.7	26.7
01	16	6	316	20.0	02	07	30.0	30.0	39.9	39.9	0.000	0.000	1.000	30.0	30.0	39.9	39.9
01	16	7	316	12.0	02	05	11.1	11.1	9.0	9.0	0.000	0.000	1.000	11.1	11.1	9.0	9.0
01	16	9	762	22.4	05	08	73.5	73.5	23.4	23.4	0.000	0.000	1.000	73.5	73.5	23.4	23.4
01	16	10	762	20.8	05	09	63.4	63.4	25.7	25.7	0.000	0.000	1.000	63.4	63.4	25.7	25.7
01	16	11	316	11.8	02	07	10.7	10.7	13.4	13.4	0.000	0.000	1.000	10.7	10.7	13.4	13.4
01	16	12	762	11.3	02	06	9.6	6.7	10.3	10.3	0.000	0.000	1.000	9.6	6.7	10.3	10.3
01	16	13	316	11.9	02	07	10.9	10.9	13.6	13.6	0.000	0.000	1.000	10.9	10.9	13.6	13.6
01	16	14	762	19.2	04	07	45.5	38.7	18.9	18.9	0.000	0.000	1.000	45.5	38.7	18.9	18.9
01	16	15	316	13.1	03	07	18.3	18.3	12.3	12.3	0.000	0.000	1.000	18.3	18.3	12.3	12.3
01	16	16	762	15.7	05	07	36.2	30.8	7.5	7.5	0.000	0.000	1.000	36.2	30.8	7.5	7.5
01	16	17	762	11.4	02	06	9.8	9.8	10.4	10.4	0.000	0.000	1.000	9.8	9.8	10.4	10.4
01	16	18	316	12.2	01	06	6.9	6.9	16.2	16.2	0.000	0.000	1.000	6.9	6.9	16.2	16.2
01	16	20	762	18.7	04	07	43.1	32.3	17.9	17.9	0.000	0.000	1.000	43.1	32.3	17.9	17.9
01	16	21	316	18.9	04	07	45.3	36.2	18.3	18.3	0.000	0.000	1.000	45.3	36.2	18.3	18.3
01	16	22	762	12.5	03	07	16.4	16.4	11.2	11.2	0.000	0.000	1.000	16.4	16.4	11.2	11.2
01	16	23	762	16.5	03	07	26.9	26.9	19.9	19.9	0.000	0.000	1.000	26.9	26.9	19.9	19.9
01	16	24	762	14.0	03	07	20.6	20.6	14.2	14.2	0.000	0.000	1.000	20.6	20.6	14.2	14.2
01	16	25	762	16.8	04	07	34.8	34.8	14.3	14.3	0.000	0.000	1.000	34.8	34.8	14.3	14.3
01	16	26	762	15.2	05	07	34.0	34.0	7.0	7.0	0.000	0.000	1.000	34.0	34.0	7.0	7.0
01	16	27	762	18.1	07	09	61.6	61.6	8.2	8.2	0.000	0.000	1.000	61.6	61.6	8.2	8.2
01	16	28	762	12.9	03	07	17.4	17.4	11.9	11.9	0.000	0.000	1.000	17.4	17.4	11.9	11.9
01	16	29	372	13.5	02	05	12.0	12.0	11.5	11.5	0.000	0.000	1.000	12.0	12.0	11.5	11.5
01	16	30	762	14.9	04	07	29.2	29.2	11.1	11.1	0.000	0.000	1.000	29.2	29.2	11.1	11.1
01	16	31	762	17.7	05	08	46.0	36.8	14.3	14.3	0.000	0.000	1.000	46.0	36.8	14.3	14.3
01	16	32	762	12.5	03	06	16.4	16.4	8.7	8.7	0.000	0.000	1.000	16.4	16.4	8.7	8.7
01	18	2	762	14.4	04	06	27.3	27.3	7.0	7.0	0.000	0.000	1.000	27.3	27.3	7.0	7.0
01	18	3	762	15.3	04	07	28.9	28.9	11.8	11.8	0.000	0.000	1.000	28.9	28.9	11.8	11.8
01	18	4	316	12.5	03	06	16.6	16.6	8.7	8.7	0.000	0.000	1.000	16.6	16.6	8.7	8.7
01	18	5	316	13.2	04	06	23.3	23.3	5.8	5.8	0.000	0.000	1.000	23.3	23.3	5.8	5.8
01	18	6	762	11.9	02	06	10.7	10.7	11.4	11.4	0.000	0.000	1.000	10.7	10.7	11.4	11.4
01	18	7	316	12.9	03	06	17.7	17.7	9.3	9.3	0.000	0.000	1.000	17.7	17.7	9.3	9.3
01	18	9	316	14.5	03	07	22.4	22.4	15.2	15.2	0.000	0.000	1.000	22.4	22.4	15.2	15.2
01	18	10	762	13.9	03	07	20.3	17.3	13.9	13.9	0.000	0.000	1.000	20.3	17.3	13.9	13.9

CRUISE #: 20649

SALENAME: OGM 00342

SALE #: 20649

REPORT AS  
VER 10.05.2004  
CUBIC FOOT  
PRIMARY AND SECONDARY PRODUCT  
VOLUME INFORMATION

S T R A T E S	P L O T	T R I E S	D E B T	M R H T	M R H T	***** PER TREE *****				***** PER ACRE/PER STRATA *****							
						*** PRIMARY ***		** SECONDARY **		** PRIMARY **		** SECONDARY **					
A	T	E	B	P	P	GROSS CUFT	NET CUFT	GROSS CUFT	NET CUFT	TREE FAC	CHAR FAC	EXP FAC	GROSS CUFT	NET CUFT	GROSS CUFT	NET CUFT	
01	18	11	316	13.0	03	06	18.0	16.2	9.4	9.4	0.000	0.000	1.000	18.0	16.2	9.4	9.4
01	18	12	316	12.1	02	07	11.3	9.0	14.1	14.1	0.000	0.000	1.000	11.3	9.0	14.1	14.1
01	18	13	316	16.9	04	07	36.2	36.2	14.5	14.5	0.000	0.000	1.000	36.2	36.2	14.5	14.5
01	18	14	316	11.9	01	06	6.5	6.2	15.4	15.4	0.000	0.000	1.000	6.5	6.2	15.4	15.4
01	18	15	762	15.0	04	08	27.8	23.6	14.5	14.5	0.000	0.000	1.000	27.8	23.6	14.5	14.5
01	18	16	762	14.0	04	06	25.8	25.8	6.6	6.6	0.000	0.000	1.000	25.8	25.8	6.6	6.6
01	18	17	762	13.0	03	06	17.7	16.8	9.4	9.4	0.000	0.000	1.000	17.7	16.8	9.4	9.4
01	18	18	762	12.3	02	07	11.5	10.9	14.6	14.6	0.000	0.000	1.000	11.5	10.9	14.6	14.6
01	18	19	762	14.2	03	06	21.2	19.1	11.3	11.3	0.000	0.000	1.000	21.2	19.1	11.3	11.3
01	18	20	762	12.0	02	07	10.9	10.4	13.8	13.8	0.000	0.000	1.000	10.9	10.4	13.8	13.8
01	18	21	762	12.7	03	07	16.9	16.9	11.6	11.6	0.000	0.000	1.000	16.9	16.9	11.6	11.6
01	18	22	762	11.3	02	06	9.6	9.6	10.3	10.3	0.000	0.000	1.000	9.6	9.6	10.3	10.3
01	18	23	316	14.1	03	06	21.2	21.2	11.1	11.1	0.000	0.000	1.000	21.2	21.2	11.1	11.1
01	18	24	762	11.3	02	06	9.6	9.6	10.3	10.3	0.000	0.000	1.000	9.6	9.6	10.3	10.3
01	18	25	316	12.3	02	06	11.7	11.7	12.2	12.2	0.000	0.000	1.000	11.7	11.7	12.2	12.2
01	18	26	762	13.8	04	08	25.1	25.1	12.2	12.2	0.000	0.000	1.000	25.1	25.1	12.2	12.2
01	18	27	762	15.4	04	08	29.3	27.8	15.4	15.4	0.000	0.000	1.000	29.3	27.8	15.4	15.4
01	18	28	762	16.1	03	07	25.6	25.6	18.9	18.9	0.000	0.000	1.000	25.6	25.6	18.9	18.9
01	18	29	762	13.9	03	06	20.3	20.3	10.8	10.8	0.000	0.000	1.000	20.3	20.3	10.8	10.8
01	18	31	316	12.1	02	06	11.3	11.3	11.8	11.8	0.000	0.000	1.000	11.3	11.3	11.8	11.8
01	18	32	762	11.4	02	06	9.8	9.8	10.4	10.4	0.000	0.000	1.000	9.8	9.8	10.4	10.4
01	18	33	316	14.1	04	07	26.6	26.6	9.9	9.9	0.000	0.000	1.000	26.6	26.6	9.9	9.9
01	18	35	762	20.9	05	07	64.0	60.8	13.7	13.7	0.000	0.000	1.000	64.0	60.8	13.7	13.7
01	18	36	762	14.4	05	07	32.5	29.3	6.3	6.3	0.000	0.000	1.000	32.5	29.3	6.3	6.3
01	18	37	762	18.3	04	07	41.3	39.2	17.1	17.1	0.000	0.000	1.000	41.3	39.2	17.1	17.1
01	18	38	762	18.8	04	08	43.6	41.4	23.3	23.3	0.000	0.000	1.000	43.6	41.4	23.3	23.3
01	18	39	762	11.9	02	07	10.7	10.7	13.6	13.6	0.000	0.000	1.000	10.7	10.7	13.6	13.6
01	18	40	372	12.1	02	06	9.6	9.6	11.8	11.8	0.000	0.000	1.000	9.6	9.6	11.8	11.8
01	18	41	762	18.3	05	08	49.1	44.2	15.3	15.3	0.000	0.000	1.000	49.1	44.2	15.3	15.3
01	18	42	762	13.7	03	08	19.7	19.7	16.1	16.1	0.000	0.000	1.000	19.7	19.7	16.1	16.1
01	18	43	316	14.4	03	06	22.1	22.1	11.6	11.6	0.000	0.000	1.000	22.1	22.1	11.6	11.6
01	18	44	762	13.9	03	04	20.3	20.3	3.5	3.5	0.000	0.000	1.000	20.3	20.3	3.5	3.5
01	18	46	762	12.1	02	08	11.1	11.1	15.9	15.9	0.000	0.000	1.000	11.1	11.1	15.9	15.9
01	18	47	762	15.1	03	07	22.5	22.5	16.6	16.6	0.000	0.000	1.000	22.5	22.5	16.6	16.6
01	20	1	762	20.9	05	07	64.0	64.0	13.7	13.7	0.000	0.000	1.000	64.0	64.0	13.7	13.7
01	20	2	318	11.2	02	06	8.9	8.9	10.1	10.1	0.000	0.000	1.000	8.9	8.9	10.1	10.1

CRUISE #: 20649  
SALENAME: OGM00343  
SALE #: 20649

REPORT A5  
VER 10.05.2004  
CUBIC FOOT  
PRIMARY AND SECONDARY PRODUCT  
VOLUME INFORMATION

S T R A T E R Y	P L O T	T R I E S	D E B T	M R H T	M R H T	***** PER TREE *****				***** PER ACRE/PER STRATA *****						
						*** PRIMARY ***		** SECONDARY **		** PRIMARY **		** SECONDARY **				
A	N	L	R	I	-	GROSS CUFT	NET CUFT	GROSS CUFT	NET CUFT	TREE FAC	CHAR FAC	EXP FAC	GROSS CUFT	NET CUFT	GROSS CUFT	NET CUFT
01	20	4	762	24.9	07 09	116.6	110.8	16.0	16.0	0.000	0.000	1.000	116.6	110.8	16.0	16.0
01	20	5	762	23.0	05 07	77.5	77.5	16.7	16.7	0.000	0.000	1.000	77.5	77.5	16.7	16.7
01	20	7	318	11.7	02 04	9.8	9.8	5.8	5.8	0.000	0.000	1.000	9.8	9.8	5.8	5.8
01	20	8	762	12.2	02 04	11.3	10.2	6.3	6.3	0.000	0.000	1.000	11.3	10.2	6.3	6.3
01	20	9	762	14.8	04 07	28.8	28.8	11.0	11.0	0.000	0.000	1.000	28.8	28.8	11.0	11.0
01	20	10	316	16.0	03 07	26.0	26.0	18.7	18.7	0.000	0.000	1.000	26.0	26.0	18.7	18.7
01	20	11	762	16.3	05 08	39.0	37.1	12.0	12.0	0.000	0.000	1.000	39.0	37.1	12.0	12.0
01	20	12	316	14.0	03 07	20.9	20.9	14.2	14.2	0.000	0.000	1.000	20.9	20.9	14.2	14.2
01	20	13	762	20.5	05 07	61.6	58.5	13.1	13.1	0.000	0.000	1.000	61.6	58.5	13.1	13.1
01	20	14	316	11.3	02 05	9.8	9.8	8.0	8.0	0.000	0.000	1.000	9.8	9.8	8.0	8.0
01	20	15	762	15.4	05 08	34.8	34.8	10.7	10.7	0.000	0.000	1.000	34.8	34.8	10.7	10.7
01	20	16	762	16.8	04 07	34.8	29.6	14.3	14.3	0.000	0.000	1.000	34.8	29.6	14.3	14.3
01	20	17	316	29.3	01 07	41.8	41.8	114.8	114.8	0.000	0.000	1.000	41.8	41.8	114.8	114.8
01	20	18	762	16.7	05 08	40.9	40.9	12.6	12.6	0.000	0.000	1.000	40.9	40.9	12.6	12.6
01	20	19	762	17.8	05 08	46.5	46.5	14.4	14.4	0.000	0.000	1.000	46.5	46.5	14.4	14.4
01	20	20	762	15.9	04 07	31.2	31.2	12.7	12.7	0.000	0.000	1.000	31.2	31.2	12.7	12.7
01	20	21	762	16.4	06 08	45.3	34.0	7.4	7.4	0.000	0.000	1.000	45.3	34.0	7.4	7.4
01	20	22	531	18.0	02 07	23.8	23.8	32.0	32.0	0.000	0.000	1.000	23.8	23.8	32.0	32.0
01	24	1	316	14.4	03 06	22.1	22.1	11.6	11.6	0.000	0.000	1.000	22.1	22.1	11.6	11.6
01	24	3	762	14.5	02 06	16.2	16.2	17.2	17.2	0.000	0.000	1.000	16.2	16.2	17.2	17.2
01	24	4	316	13.7	03 06	20.0	20.0	10.5	10.5	0.000	0.000	1.000	20.0	20.0	10.5	10.5
01	24	6	762	13.4	03 06	18.8	18.8	10.0	10.0	0.000	0.000	1.000	18.8	18.8	10.0	10.0
01	24	7	316	13.2	02 05	13.5	13.5	11.0	11.0	0.000	0.000	1.000	13.5	13.5	11.0	11.0
01	24	8	762	19.9	04 07	48.8	48.8	20.3	20.3	0.000	0.000	1.000	48.8	48.8	20.3	20.3
01	24	9	762	11.6	01 05	6.0	6.0	12.4	12.4	0.000	0.000	1.000	6.0	6.0	12.4	12.4
01	24	10	762	14.3	03 07	21.5	21.5	14.8	14.8	0.000	0.000	1.000	21.5	21.5	14.8	14.8
01	24	11	762	14.3	02 06	15.7	15.7	16.7	16.7	0.000	0.000	1.000	15.7	15.7	16.7	16.7
01	24	12	316	16.5	06 08	47.1	47.1	7.5	7.5	0.000	0.000	1.000	47.1	47.1	7.5	7.5
01	24	14	316	11.2	02 05	9.6	9.6	7.8	7.8	0.000	0.000	1.000	9.6	9.6	7.8	7.8
01	24	15	762	13.7	03 06	19.7	19.7	10.5	10.5	0.000	0.000	1.000	19.7	19.7	10.5	10.5
01	24	16	762	12.7	02 05	12.3	12.3	10.1	10.1	0.000	0.000	1.000	12.3	12.3	10.1	10.1
01	24	17	762	13.6	03 06	19.4	19.4	10.3	10.3	0.000	0.000	1.000	19.4	19.4	10.3	10.3
01	24	18	316	13.3	03 06	18.9	17.0	9.9	9.9	0.000	0.000	1.000	18.9	17.0	9.9	9.9
01	24	19	316	15.2	03 06	23.4	23.4	13.0	13.0	0.000	0.000	1.000	23.4	23.4	13.0	13.0
01	24	20	316	15.3	03 07	23.7	23.7	17.0	17.0	0.000	0.000	1.000	23.7	23.7	17.0	17.0
01	24	21	316	15.7	04 06	31.3	31.3	8.4	8.4	0.000	0.000	1.000	31.3	31.3	8.4	8.4



CRUISE #: 20649  
SALENAME: OGM 003145  
SALE #: 20649

REPORT A5  
VER. 10.05.2004  
CUBIC FOOT  
PRIMARY AND SECONDARY PRODUCT  
VOLUME INFORMATION

S T R U C T U R E	P L O T	T R I E S	D B H O B	M R H T	M R H T	***** PER TREE *****				***** PER ACRE/PER STRATA *****							
						*** PRIMARY ***		** SECONDARY **		** PRIMARY **		** SECONDARY **					
A T	P T	R I E S	O B D	P D	P D	GROSS CUFT	NET CUFT	GROSS CUFT	NET CUFT	TREE FAC	CHAR FAC	EXP FAC	GROSS CUFT	NET CUFT	GROSS CUFT	NET CUFT	
01	26	28	762	23.8	05	09	82.9	70.5	34.1	34.1	0.000	0.000	1.000	82.9	70.5	34.1	34.1
01	26	29	316	15.9	03	07	25.6	25.6	18.4	18.4	0.000	0.000	1.000	25.6	25.6	18.4	18.4
01	26	30	316	11.0	01	07	5.4	5.4	14.8	14.8	0.000	0.000	1.000	5.4	5.4	14.8	14.8
01	26	31	316	13.0	03	07	18.0	18.0	12.1	12.1	0.000	0.000	1.000	18.0	18.0	12.1	12.1
01	26	32	316	20.0	03	07	40.6	40.6	29.7	29.7	0.000	0.000	1.000	40.6	40.6	29.7	29.7
01	26	33	316	11.3	01	06	5.8	5.8	13.9	13.9	0.000	0.000	1.000	5.8	5.8	13.9	13.9
01	26	34	316	16.0	03	07	26.0	26.0	18.7	18.7	0.000	0.000	1.000	26.0	26.0	18.7	18.7
01	26	36	316	14.6	03	06	22.8	22.8	12.0	12.0	0.000	0.000	1.000	22.8	22.8	12.0	12.0
01	26	37	316	12.0	02	07	11.1	11.1	13.8	13.8	0.000	0.000	1.000	11.1	11.1	13.8	13.8
01	26	38	316	15.4	03	07	24.0	24.0	17.2	17.2	0.000	0.000	1.000	24.0	24.0	17.2	17.2
01	PL	1	762	22.4	04	08	61.8	55.6	33.6	33.6	0.000	0.000	1.000	61.8	55.6	33.6	33.6
01	PL	3	762	19.7	04	07	47.9	35.9	19.9	19.9	0.000	0.000	1.000	47.9	35.9	19.9	19.9
01	PL	4	762	25.2	05	07	93.0	88.4	20.3	20.3	0.000	0.000	1.000	93.0	88.4	20.3	20.3
01	PL	5	762	15.3	05	07	34.4	34.4	7.1	7.1	0.000	0.000	1.000	34.4	34.4	7.1	7.1
01	PL	6	762	23.7	05	07	82.3	74.1	17.8	17.8	0.000	0.000	1.000	82.3	74.1	17.8	17.8
01	PL	7	762	14.6	01	06	10.1	10.1	23.5	21.2	0.000	0.000	1.000	10.1	10.1	23.5	21.2
01	PL	8	762	20.4	05	07	61.0	58.0	13.0	13.0	0.000	0.000	1.000	61.0	58.0	13.0	13.0
01	PL	10	372	12.4	02	05	10.1	7.1	9.6	9.6	0.000	0.000	1.000	10.1	7.1	9.6	9.6
01	PL	11	531	16.5	02	06	20.0	17.0	22.4	22.4	0.000	0.000	1.000	20.0	17.0	22.4	22.4
01	PL	12	762	28.2	06	09	133.7	127.0	34.1	34.1	0.000	0.000	1.000	133.7	127.0	34.1	34.1
01	PL	13	318	15.7	02	05	17.0	11.9	15.7	15.7	0.000	0.000	1.000	17.0	11.9	15.7	15.7
01	PL	14	318	17.4	01	06	13.2	13.2	33.9	33.9	0.000	0.000	1.000	13.2	13.2	33.9	33.9
01	PL	15	318	19.9	03	06	37.3	37.3	22.8	22.8	0.000	0.000	1.000	37.3	37.3	22.8	22.8
01	PL	16	318	13.6	02	05	13.4	13.4	11.7	11.7	0.000	0.000	1.000	13.4	13.4	11.7	11.7
01	PL	17	318	14.2	02	06	14.7	14.0	16.4	16.4	0.000	0.000	1.000	14.7	14.0	16.4	16.4
02	16	1	316	10.5	05	05	13.9	13.9	0.0	0.0	0.000	0.000	7.182	99.8	99.8	0.0	0.0
02	16	5	316	9.8	04	04	10.3	10.3	0.0	0.0	0.000	0.000	7.182	74.0	74.0	0.0	0.0
02	16	8	316	7.0	03	03	4.2	4.2	0.0	0.0	0.000	0.000	7.182	30.2	30.2	0.0	0.0
02	16	19	316	9.7	03	03	8.1	8.1	0.0	0.0	0.000	0.000	7.182	58.2	58.2	0.0	0.0
02	18	8	316	7.6	03	03	4.9	4.9	0.0	0.0	0.000	0.000	7.182	35.2	35.2	0.0	0.0
02	18	30	762	10.4	06	06	15.3	15.3	0.0	0.0	0.000	0.000	7.182	109.9	109.9	0.0	0.0
02	18	34	316	9.1	05	05	10.4	10.4	0.0	0.0	0.000	0.000	7.182	74.7	74.7	0.0	0.0
02	18	45	316	10.4	04	04	11.7	11.7	0.0	0.0	0.000	0.000	7.182	84.0	84.0	0.0	0.0
02	18	48	316	6.9	03	03	4.1	4.1	0.0	0.0	0.000	0.000	7.182	29.4	29.4	0.0	0.0
02	20	3	318	11.0	05	05	15.3	15.3	0.0	0.0	0.000	0.000	7.182	109.9	109.9	0.0	0.0
02	20	6	318	6.2	02	02	2.4	2.4	0.0	0.0	0.000	0.000	7.182	17.2	17.2	0.0	0.0

CRUISE #: 20649  
SALENAME: OGM Case 1  
SALE #: 20649

REPORT A5  
VER 10.05.2004  
CUBIC FOOT  
PRIMARY AND SECONDARY PRODUCT  
VOLUME INFORMATION

				M	M												
				R	R												
				H	H												
				T	T												
S	P	D		B	P	S											
T	E	B		H	R	E											
R	U	P	T	C													
A	N	L	R	I	-												
T	I	O	E	E	O	P	GROSS	NET	GROSS	NET	TREE	CHAR	EXP	GROSS	NET	GROSS	NET
A	T	T	E	S	B	D	CUFT	CUFT	CUFT	CUFT	FAC	FAC	FAC	CUFT	CUFT	CUFT	CUFT
***** PER TREE *****																	
*** PRIMARY ***						** SECONDARY **						***** PER ACRE/PER STRATA *****					
*** PRIMARY ***						** SECONDARY **						** PRIMARY ** ** SECONDARY **					
02	24		2	316	11.4	06	18.5	18.5	0.0	0.0	0.000	0.000	7.182	132.9	132.9	0.0	0.0
02	24		5	372	7.8	03	5.2	5.2	0.0	0.0	0.000	0.000	7.182	37.3	37.3	0.0	0.0
02	24		13	372	9.8	04	10.3	10.3	0.0	0.0	0.000	0.000	7.182	74.0	74.0	0.0	0.0
02	24		28	316	8.0	03	5.5	5.5	0.0	0.0	0.000	0.000	7.182	39.5	39.5	0.0	0.0
02	24		32	318	8.9	06	11.1	11.1	0.0	0.0	0.000	0.000	7.182	79.7	79.7	0.0	0.0
02	26		1	318	7.1	03	4.3	4.3	0.0	0.0	0.000	0.000	7.182	30.9	30.9	0.0	0.0
02	26		11	318	7.6	04	6.2	6.2	0.0	0.0	0.000	0.000	7.182	44.5	44.5	0.0	0.0
02	26		22	318	8.0	04	6.8	6.8	0.0	0.0	0.000	0.000	7.182	48.8	48.8	0.0	0.0
02	26		35	316	8.3	04	7.4	7.4	0.0	0.0	0.000	0.000	7.182	53.1	53.1	0.0	0.0
02	FL		2	316	6.0	01	1.3	1.3	0.0	0.0	0.000	0.000	7.182	9.3	9.3	0.0	0.0
02	FL		9	318	11.6	04	14.6	14.6	0.0	0.0	0.000	0.000	7.182	104.9	104.9	0.0	0.0

CRUISE #: 20649

SALENAME: OGD Case

SALE #: 20649

REPORT B1  
 VER 10.05.2004  
 LOW LEVEL VOLUME SUMMARY  
 CUT AND LEAVE TREES

		P					M	M																				
		R					E	E																				
		O					A	A																				
		D	Y	T			N	N																				
		S	P	R	S	U	L	S	R	T																		
		T	H	O	O	L	M	E	#	OF	QUAD	N																
		R	C	D	U	O	L	E	C	S																		
		A	I	U	R	F	I	A	O	G	S	G	P	MEAS	MEAN	D	P	S	B	C								
		T	E	C	C	V	M	R	T	R	E	D	U	CUFT	CUFT	NO	OF											
		A	S	T	E	M	E	E	P	P	M	D	C	TREES	DBH	H	D	D	T	T	RAT.	RAT.	TREES	BDFT	CUFT	BDFT	CUFT	CORDS
01	762	01	P	03	L	C	SA	N	1	41	19.1	18.8	4.8	7.6	4	4	6.72	6.72	41	14523	2161	13900	2069	0.0				
01	762	02	S	03	L	C	SA	N	1	41	0.0	0.0	0.0	0.0	0	0	0.00	0.00	41	0	656	0	656	8.3				
01	316	01	P	03	L	C	SA	N		53	14.6	14.3	2.7	6.5	2	2	6.04	6.03	53	6647	1101	6468	1072	0.0				
01	316	02	S	03	L	C	SA	N		53	0.0	0.0	0.0	0.0	0	0	0.00	0.00	53	0	827	0	827	10.5				
01	762	01	P	03	L	C	SA	N	2	30	14.8	14.7	3.4	6.9	5	5	6.16	6.15	30	4772	775	4523	735	0.0				
01	762	02	S	03	L	C	SA	N	2	30	0.0	0.0	0.0	0.0	0	0	0.00	0.00	30	0	386	0	386	4.9				
01	762	01	P	03	L	C	SA	N	3	31	14.2	14.0	2.7	6.4	6	6	6.25	6.23	31	3985	638	3736	599	0.0				
01	762	02	S	03	L	C	SA	N	3	31	0.0	0.0	0.0	0.0	0	0	0.00	0.00	31	0	403	0	401	5.1				
01	372	01	P	03	L	C	SA	N		4	13.8	13.6	1.8	5.3	7	6	6.83	6.82	4	295	43	274	40	0.0				
01	372	02	S	03	L	C	SA	N		4	0.0	0.0	0.0	0.0	0	0	0.00	0.00	4	0	59	0	59	0.7				
01	318	01	P	03	L	C	SA	N		8	14.8	14.6	2.0	5.5	4	4	6.58	6.58	8	830	126	791	120	0.0				
01	318	02	S	03	L	C	SA	N		8	0.0	0.0	0.0	0.0	0	0	0.00	0.00	8	0	130	0	130	1.6				
01	531	01	P	03	L	C	SA	N		2	17.3	17.3	2.0	6.5	6	6	6.94	6.94	2	304	44	283	41	0.0				
01	531	02	S	03	L	C	SA	N		2	0.0	0.0	0.0	0.0	0	0	0.00	0.00	2	0	54	0	54	0.7				
02	316	02	P	03	L	C	PU	N		11	9.1	9.0	0.0	3.9	0	0	0.00	0.00	79	0	711	0	711	9.0				
02	762	02	P	03	L	C	PU	N		1	10.4	10.4	0.0	6.0	0	0	0.00	0.00	7	0	110	0	110	1.4				
02	318	02	P	03	L	C	PU	N		7	8.8	8.6	0.0	4.0	0	0	0.00	0.00	50	0	436	0	436	5.5				
02	372	02	P	03	L	C	PU	N		2	8.9	8.8	0.0	3.5	0	0	0.00	0.00	14	0	111	0	111	1.4				
02	316	02	P	03	L	C	PU	N	0	1	6.0	6.0	0.0	1.0	0	0	0.00	0.00	7	0	9	0	9	0.1				

RUN DATE: 7-31-2008  
 CRUISE #: 20649  
 SALENAME: OGT CASE  
 SALE #: 20649

REPORT B1  
 VER 10.05.2004  
 LOW LEVEL VOLUME SUMMARY  
 CUT AND LEAVE TREES

P R O D U C T S P R S U D O O L Y S T N C O O L S R T E R T N M R R A V R G D E F T G R S S N E T % %		M M E E A A N N M M E H H A T M R R P S B C R E D U C U F T C U F T N O O F M E A S M E A N D B P P P F F D D T T R A T I O N S		# OF	QUAD	N	BDFT	BDFT	EST.	***** STRATA LEVEL *****								
S P R S U D O O L Y S T N C O O L S R T E R T N M R R A V R G D E F T G R S S N E T % %		M M E H H A T M R R P S B C R E D U C U F T C U F T N O O F M E A S M E A N D B P P P F F D D T T R A T I O N S		MEAS	MEAN	D	P	S	B	C	***** VOLUME *****							
S P R S U D O O L Y S T N C O O L S R T E R T N M R R A V R G D E F T G R S S N E T % %		M M E H H A T M R R P S B C R E D U C U F T C U F T N O O F M E A S M E A N D B P P P F F D D T T R A T I O N S		TREES	DBH	H	D	D	T	T	RAT.	RAT.	TREES	BDFT	CUFT	BDFT	CUFT	CORDS

TOTALS ---	PRODUCT	EST. NO	*** GROSS VOLUME ***	*** NET VOLUME ***			
PRODUCT	SOURCE	OF TREES	BDFT	CUFT	BDFT	CUFT	CORDS
01	P	169	31356	4888	29975	4677	0.0
02	S	0	0	2515	0	2513	31.8
02	P	158	0	1378	0	1378	17.4
		327	31356	8780	29975	8567	49.3

PRODUCT SOURCE KEY:  
 P = PRIMARY PRODUCT  
 S = SECONDARY PRODUCT  
 R = RECOVERABLE PRODUCT

RUN DATE: 7-31-2008  
 CRUISE #: 20649  
 SALENAME: 003149  
 SALE #: 20649

REPORT CP1  
 VER 10.05.2004  
 VOLUME SUMMARY FOR SAMPLE GROUP  
 (FOR CUT TREES ONLY)

P R O D				# OF TREES				M E A N		M E A N		# OF		AVE DEF		GROSS		NET		***** STRATA LEVEL *****		
P	S	U	A	M	T	E	A	M	R	H	T	OR	%	%	B	C	BDFT	BDFT	EST.	***** VOLUME *****		
S	R	S	U	A	A	A	A	A	T	T	T	OR	%	%	B	C	BDFT	BDFT	EST.	***** VOLUME *****		
T	R	D	U	O	S	L	QUAD	N	P	S	P	OR	%	%	B	C	BDFT	BDFT	EST.	***** VOLUME *****		
A	U	R	F	G	S	R	I	MEAN	D	R	E	32-FT	D	U	CUFT	CUFT	# OF	***** VOLUME *****		***** VOLUME *****		
T	C	C	R	T	E	E	E	B	P	P	P	LOGS	T	T	RATIO	RATIO	TREES	*** GROSS ***	**** NET ****	***** VOLUME *****		
A	T	E	M	P	M	D	D	DBH	H	D	D	LOGS	T	T	RATIO	RATIO	TREES	BDFT	CUFT	BDFT	CUFT	CORDS
01	01	P	03	SA	N	169	169	15.8	15.4	3.3	6.7	0	4	4	6.415	6.409	169	31356	4888	29975	4677	0.0
01	02	S	03	SA	N	0	0	0.0	0.0	0.0	0.0	0	0	0	0.000	0.000	169	0	2515	0	2513	31.8
02	02	P	03	PU	N	22	158	8.9	8.8	0.0	3.9	0	0	0	0.000	0.000	158	0	1378	0	1378	17.4

TOTALS -----

PRODUCT	PRODUCT SOURCE	QUAD MEAN DBH	MEAN DBH	MEAN MRHT	MEAN PRPD	MEAN MRHT	MEAN SEPD	# OF LOGS	EST. # OF TREES	***** VOLUME *****		***** NET ****		CORDS
										BDFT	CUFT	BDFT	CUFT	
01	P	15.8	15.4	3.3	6.7	0	6.7	0	169	31356	4888	29975	4677	0.0
02	S	0.0	0.0	0.0	0.0	0	0.0	0	0	0	2515	0	2513	31.8
02	P	8.9	8.8	0.0	3.9	0	3.9	0	158	0	1378	0	1378	17.4
		13.0	12.2	1.7	5.3	0	5.3	0	327	31356	8780	29975	8567	49.3

PRODUCT SOURCE KEY:

P = PRIMARY PRODUCT  
 S = SECONDARY PRODUCT  
 R = RECOVERABLE PRODUCT

RUN DATE: 7-31-2009  
 CRUISE #: 20649  
 SALENAME: OGM Case  
 SALE #: 20649

REPORT DP1  
 VER 10.05.2004  
 STATISTICS FOR SAMPLE GROUP

(FOR CUT TREES ONLY)

***** PRIMARY PRODUCT NET VOLUME *****																
S T G																
***** PRIMARY PRODUCT NET VOLUME *****																
S R U A																
T O M S NO																
R D O A																
A U F G S M SAM BIG SMALL t MEAN OF OF STANDARD OF STANDARD SAMPLING SAMPLING																
T C R T																
A T M P M L/2 TREES N N VALUE X X (X * X) DEVIATION VARIATION ERROR ERROR ERROR																
01	01	03SA	N	1	169	169	169	2.000	27.676	4677.2998	195380.4688	19.8101	71.5778	0.000	0.0000	0.000
02	02	03PU	N	1	22	158	22	2.080	8.718	191.8000	2143.9797	4.7401	54.3699	0.938	22.3692	22.369

RUN DATE: 7-31-2008  
 CRUISE #: 20649  
 SALENAME: OGM Case  
 SALE #: 20649

REPORT DP1  
 VER 10.05.2004  
 STATISTICS FOR SAMPLE GROUP

(FOR CUT TREES ONLY)

***** SECONDARY PRODUCT NET VOLUME *****																	
P	S											***** SECONDARY PRODUCT NET VOLUME *****					
S R U A	T O M	S	NO				SUM	SUM	COEFF			COMBINED					
R D O	A	A				OF	OF	STANDARD	OF	STANDARD	SAMPLING	SAMPLING					
A U F G S M	SAM	BIG	SMALL	t	MEAN	OF	OF	STANDARD	OF	STANDARD	SAMPLING	SAMPLING					
T C R T	A T M P M	1/2	TREES	N	N	VALUE	X	X	(X * X)	DEVIATION	VARIATION	ERROR	ERROR	ERROR			
01	02	03	SA	N	1	169	169	169	2.000	14.867	2512.5999	53581.1055	9.8274	66.1002	0.000	0.0000	0.000

RUN DATE: 7-31-2008  
 CRUISE #: 20649  
 SALENAME: OGD03152  
 SALE #: 20649

REPORT DS1  
 VER 10.05.2004  
 ERROR TERM, VOLUME AND CONFIDENCE INTERVAL

PRIMARY PRODUCT VOLUME  
 (FOR CUT TREES ONLY)

			***** PRIMARY PRODUCT GROSS VOLUME *****				***** PRIMARY PRODUCT NET VOLUME *****			
S T R A T A	R D U T M	U O O F M	***** 95% CONFIDENCE *****		***** 95% CONFIDENCE *****		***** 95% CONFIDENCE *****		***** 95% CONFIDENCE *****	
			VOLUME	ERROR	FROM	TO	VOLUME	ERROR	FROM	TO
01	01	03	4887.6	0.00	4888.	4888.	4677.3	0.00	4677.	4677.
02	02	03	1377.5	22.37	1069.	1686.	1377.5	22.37	1069.	1686.

----- AGGREGATED BY PRODUCT -----

01	03	4887.6	0.00	4888.	4888.	4677.3	0.00	4677.	4677.
02	03	1377.5	22.37	1069.	1686.	1377.5	22.37	1069.	1686.

----- AGGREGATED BY UNIT OF MEASURE -----

03	6265.1	4.92	5957.	6573.	6054.8	5.09	5747.	6363.
----	--------	------	-------	-------	--------	------	-------	-------

CRUISE #: 20649

SALENAME: OGM Case

SALE #: 20649

REPORT DS1  
 VER 10.05.2004  
 ERROR TERM, VOLUME AND CONFIDENCE INTERVAL

SECONDARY PRODUCT VOLUME

(FOR CUT TREES ONLY)

P			***** SECONDARY PRODUCT GROSS VOLUME *****				***** SECONDARY PRODUCT NET VOLUME *****			
S R U			***** 95% CONFIDENCE *****				***** 95% CONFIDENCE *****			
T O			INTERVAL				INTERVAL			
R D O										
A U F										
T C										
A	T	M	VOLUME	ERROR	FROM	TO	VOLUME	ERROR	FROM	TO
01	02	03	2514.9	0.00	2515.	2515.	2512.6	0.00	2513.	2513.
02	02	03	0.0	0.00	0.	0.	0.0	0.00	0.	0.

----- AGGREGATED BY PRODUCT -----

02	03	2514.9	0.00	2515.	2515.	2512.6	0.00	2513.	2513.
----	----	--------	------	-------	-------	--------	------	-------	-------

----- AGGREGATED BY UNIT OF MEASURE -----

03	2514.9	0.00	2515.	2515.	2512.6	0.00	2513.	2513.
----	--------	------	-------	-------	--------	------	-------	-------

RUN DATE: 7-31-2008  
CRUISE #: 20649  
SALENAME: OGN Case  
SALE #: 20649

REPORT DS1  
VER 10.05.2004  
ERROR TERM, VOLUME AND CONFIDENCE INTERVAL

RECOVERED PRODUCT VOLUME

(FOR CUT TREES ONLY)

P			***** RECOVERED PRODUCT GROSS VOLUME *****				***** RECOVERED PRODUCT NET VOLUME *****				
S	R	U	***** 95% CONFIDENCE *****				***** 95% CONFIDENCE *****				
T	O		INTERVAL				INTERVAL				
R	D	O									
A	U	F									
T	C										
A	T	M	VOLUME	ERROR	FROM	TO	VOLUME	ERROR	FROM	TO	
02	02	03	0.0	0.00	0.	0.	0.0	0.00	0.	0.	

----- AGGREGATED BY PRODUCT -----

RUN DATE: 7-31-2008  
 CRUISE #: 20649  
 SALENAME: OG003155  
 SALE #: 20649

REPORT DS1  
 VER 10.05.2004  
 ERROR TERM, VOLUME AND CONFIDENCE INTERVAL

TOTAL VOLUME AGGREGATED BY PRODUCT  
 FOR PRIMARY, SECONDARY AND RECOVERED PRODUCTS

(FOR CUT TREES ONLY)

P R O D U C T	M	***** TOTAL GROSS VOLUME *****				***** TOTAL NET VOLUME *****			
		VOLUME	ERROR	FROM	TO	VOLUME	ERROR	FROM	TO

\*\*\*\*\* 95% CONFIDENCE \*\*\*\*\*

INTERVAL

INTERVAL

----- AGGREGATED BY PRODUCT -----

01	03	4887.6	0.00	4888.	4888.	4677.3	0.00	4677.	4677.
02	03	3892.4	7.92	3584.	4201.	3890.1	7.92	3582.	4198.

----- AGGREGATED BY UNIT OF MEASURE -----

03		8780.0	3.51	8472.	9088.	8567.4	3.60	8259.	8876.
----	--	--------	------	-------	-------	--------	------	-------	-------

RUN DATE: 7-31-2008  
 CRUISE #: 20649  
 SALENAME: OGN 003156  
 SALE #: 20649

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

S P E U N I E T	TOTAL EST. # OF TREES	***** SAWTIMBER ***** (PROD = 01 UM = 01, 03)				***** NON-SAWTIMBER ***** (PROD NOT = 01 UM = 02, 03) (AND ALL SECONDARY PRODUCT VOLUMES)			
		EST. # OF TREES	** GROSS VOLUME ** BDFT CUFT	** NET VOLUME ** BDFT CUFT	GROSS CUFT	NET CUFT	CORDS		
16 316	22	9	1144	185	1064	172	262	262	3.32
16 318	7	0	0	0	0	0	63	63	0.80
16 372	3	1	83	12	83	12	28	28	0.35
16 762	19	18	4320	663	4064	624	268	268	3.39
UNIT 16 TOTAL	51	28	5547	860	5211	808	621	621	7.86
18 316	30	13	1433	245	1408	241	295	295	3.73
18 318	10	0	0	0	0	0	88	88	1.12
18 372	4	1	65	10	65	10	34	34	0.44
18 762	29	28	4117	663	3939	635	378	378	4.78
UNIT 18 TOTAL	74	42	5615	918	5412	885	795	795	10.07
20 316	11	4	596	99	596	99	215	215	2.72
20 318	6	2	116	19	116	19	52	52	0.65
20 372	1	0	0	0	0	0	9	9	0.12
20 531	1	1	166	24	166	24	32	32	0.41
20 762	14	13	4201	632	4015	604	170	170	2.15
UNIT 20 TOTAL	33	20	5079	773	4893	745	478	478	6.05
24 316	33	14	2017	334	1943	322	323	323	4.09
24 318	12	1	74	12	74	12	110	110	1.39
24 372	4	1	78	12	78	12	51	51	0.64
24 762	16	14	2224	351	2175	344	214	214	2.71
UNIT 24 TOTAL	65	30	4393	708	4270	689	698	698	8.84
26 316	34	13	1457	239	1457	239	375	375	4.74
26 318	12	0	0	0	0	0	105	105	1.33
26 372	3	0	0	0	0	0	27	27	0.34
26 762	23	21	4781	740	4612	714	344	344	4.35
UNIT 26 TOTAL	72	34	6238	979	6069	953	850	850	10.76

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

UNIT	SPECIES	TOTAL EST.	***** SAWTIMBER ***** (PROD = 01 UM = 01, 03)				***** NON-SAWTIMBER ***** (PROD NOT = 01 UM = 02, 03) (AND ALL SECONDARY PRODUCT VOLUMES)			
			# OF TREES	# OF TREES	** GROSS VOLUME ** BDFT CUFT	** NET VOLUME ** BDFT CUFT	GROSS CUFT	NET CUFT	CORDS	
FL	316	9	0	0	0	0	0	78	78	0.98
PL	318	10	5	640	96	601	90	147	147	1.87
PL	372	3	1	69	10	48	7	22	22	0.27
PL	531	1	1	138	20	117	17	22	22	0.28
PL	762	9	8	3637	524	3354	484	181	179	2.29
UNIT	PL TOTAL	32	15	4484	650	4120	597	450	448	5.70

S U B T O T A L S										
SPECIES	TOT EST # OF TREES	EST # OF TREES	*****SAWTIMBER*****				*****NON-SAWTIMBER*****			
			** GROSS VOLUME ** BDFT CUFT	** NET VOLUME ** BDFT CUFT	GROSS CUFT	NET CUFT	CORDS			
316	139	53	6647	1101	6468	1072	1548	1548	19.59	
318	58	8	830	126	791	120	566	566	7.16	
372	18	4	295	43	274	40	170	170	2.16	
531	2	2	304	44	283	41	54	54	0.69	
762	109	102	23280	3574	22159	3404	1555	1552	19.68	
OVERALL TOTALS	----	327	169	31356	4888	29975	4677	3892	3890	49.27

\* 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.

## TIMBER SALE SUMMARY

Completion of Gate 3  
(FSM 2430,FSH 2409.18, Chapter 40)

### Sale Description Summary

Region :	Eastern	Sale Number :	20649
Forest :	Allegheny	Sale Name :	OGM Case M 139
Ranger District :	Marienville	Fiscal Year Target :	2008
State :	Pennsylvania	Sale Condition :	Regular
Primary County :	Forest County	Stewardship Indicator :	N

Legal Description of Sale Area : Warrant 3672, Jenks Township, Forest County, Pa.

Reg	For	Dist	Project ID	Project Name	PALS Project ID	PALS Document Name	NEPA Decision Date	Type of Decision Document
09	19	02	OGMMV	OGM Marienville			10/01/2007	Not Required

### Sale Activities Summary

	Planned Date	Actual Date	
Gate 1 (Plan):	10/01/2007	02/09/2007	
Gate 2 (Design):	10/01/2007	10/01/2007	(NEPA Decision)
Gate 3 (Prepare):	07/30/2008	07/31/2008	
Gate 4 (Advertise):	07/30/2008		
Gate 5 (Bid):	07/30/2008		
Gate 6 (Award):	07/30/2008		

### Sale Preparation Funding Source

	Percent	MBF Volume	CCF Volume
SSSS (Salvage Fund)	0	0.00	0.00
CWK2 (KV Fund)	0	0.00	0.00
NFTM (Appropriations)	100	52.89	86.00

### Sale Status Summary

Change Date	Status	Reason	CCF Volume	Remarks
07/31/2008 01:36:01 PM	Current Processing Gate	Project/Sale Gate Lock		
07/31/2008 12:56:57 PM	Current Processing Gate	Project/Sale Gate Unlock		
07/30/2008 07:48:36 AM	Current Processing Gate	Project/Sale Gate Lock		
07/30/2008 07:32:32 AM	OnGoing	Ongoing		

Timber Sale Summary (Gate 3)

Estimated Sale Volume (CCF) - (Mandatory) 85.74

Estimated Harvest Acres (Mandatory): 4.50

Estimated Sale Volume (CCF) - (Optional) 0.00

Estimated Harvest Acres (Optional):

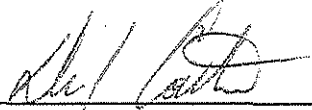
Estimated Length of Specified Road Construction : 0 KM

0 Miles

Estimated Length of Specified Road Reconstruction : 0 KM

0 Miles

T.S. Summary Reviewed By :



7-31-08

(Signature and Title)

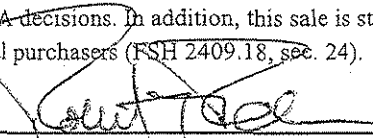
(Date)

(Signature and Title)

(Date)

Certification: This National Forest timber sale has been fully prepared in accordance with 36 CFR 223.30 and is consistent with the Forest Plan and applicable NEPA decisions. In addition, this sale is still feasible based on Forest Plan objectives, financial efficiency, and salability to potential purchasers (FSH 2409.18, sec. 24).

T.S. Summary Approved By :



8/01/08

(Approving Officer)

(Date)

Sale Objectives

Objective	Description	Percent of Sale Volume
TC01	Timber Resource	100

Volume Adjustments

Entire Sale	Cruise Type	Cruise No.	Strata No.	Sample Group	Product	Cruise Species	Live / Dead	Cutting Unit ID	Adjustment Ratio	Reason
-------------	-------------	------------	------------	--------------	---------	----------------	-------------	-----------------	------------------	--------

Estimated Volume Data By Cutting Unit

Mandatory?	Cutting Unit	Payment Unit	Product Name	CCF Qty	CCF/Acre
Y	16	1	Sawtimber	8.09	10.79
Y	16	1	Pulpwood	6.21	8.29
Y	18	1	Sawtimber	8.86	11.81
Y	18	1	Pulpwood	7.96	10.61
Y	20	1	Sawtimber	7.46	9.95
Y	20	1	Pulpwood	4.78	6.38
Y	24	1	Sawtimber	6.89	9.19
Y	24	1	Pulpwood	6.99	9.32
Y	26	1	Sawtimber	9.53	12.71
Y	26	1	Pulpwood	8.50	11.34
Y	PL	1	Sawtimber	5.98	7.97
Y	PL	1	Pulpwood	4.48	5.98

Total/Average = 85.74 19.05

Estimated Sale Volume Summary

Mandatory?	Product Name	Contract Species Name	CCF Qty	MBF conversion	CCF conversion
Y	Sawtimber	Black Cherry	34.05	0.6000	1.0000
Y	Sawtimber	Hardwood - Other	0.82	0.6000	1.0000
Y	Sawtimber	Red Maple	10.73	0.6000	1.0000
Y	Sawtimber	Sugar Maple	1.21	0.6000	1.0000
Y	Pulpwood	Hardwood - Other	38.93	0.6330	1.0000

Total = 85.74

## Harvest Acres Data by Cutting Unit

Mandatory?	Cutting Unit	Payment Unit	Timber Land Suitability Class	Harvest Method	Acres
Y	16	1	Suitable-Timber Emphasis	Permanent land clearing	0.75
Y	18	1	Suitable-Timber Emphasis	Permanent land clearing	0.75
Y	20	1	Suitable-Timber Emphasis	Permanent land clearing	0.75
Y	24	1	Suitable-Timber Emphasis	Permanent land clearing	0.75
Y	26	1	Suitable-Timber Emphasis	Permanent land clearing	0.75
Y	PL	1	Suitable-Timber Emphasis	Permanent land clearing	0.75

Total = 4.50

## Sale Harvest Acres Summary

Mandatory?	Harvest Method	Acres
Y	Permanent land clearing	4.50

Total = 4.50



## 20649.job

6A2064901	18	24M762	11.3	02	06	0103	LCSA	3		H
6A2064901	18	25M316	12.3	02	06	0103	LCSA			M
6A2064901	18	26M762	13.8	04	08	0103	LCSA	2		H
6A2064901	18	27M762	15.4	04	08	0103	LCSA	1	5	H
6A2064901	18	28M762	16.1	03	07	0103	LCSA	1		M
6A2064901	18	29M762	13.9	03	06	0103	LCSA	2		M
6A2064902	18	30M762	10.4		06	0203	LCPU			F
6A2064901	18	31M316	12.1	02	06	0103	LCSA			M
6A2064901	18	32M762	11.4	02	06	0103	LCSA	3		H
6A2064901	18	33M316	14.1	04	07	0103	LCSA			F
6A2064902	18	34M316	9.1		05	0203	LCPU			M
6A2064901	18	35M762	20.9	05	07	0103	LCSA	1	5	M
6A2064901	18	36M762	14.4	05	07	0103	LCSA	2	10	F
6A2064901	18	37M762	18.3	04	07	0103	LCSA	1	5	M
6A2064901	18	38M762	18.8	04	08	0103	LCSA	1	5	H
6A2064901	18	39M762	11.9	02	07	0103	LCSA	3		R
6A2064901	18	40M372	12.1	02	06	0103	LCSA			M
6A2064901	18	41M762	18.3	05	08	0103	LCSA	1	10	H
6A2064901	18	42M762	13.7	03	08	0103	LCSA	2		R
6A2064901	18	43M316	14.4	03	06	0103	LCSA			M
6A2064901	18	44M762	13.9	03	04	0103	LCSA	3		R
6A2064902	18	45M316	10.4		04	0203	LCPU			H
6A2064901	18	46M762	12.1	02	08	0103	LCSA	3		R
6A2064901	18	47M762	15.1	03	07	0103	LCSA	2		M
6A2064902	18	48M316	6.9	03	0203	LCPU				M
4A2064901	20	0.75								
4A2064902	20	0.75								
6A2064902	20	C		13		0203	CPU			10?f
6A2064901	20	1M762	20.9	05	07	0103	LCSA	1		R
6A2064901	20	2M318	11.2	02	06	0103	LCSA			T
6A2064902	20	3M318	11.0		05	0203	LCPU			R
6A2064901	20	4M762	24.9	07	09	0103	LCSA	1	05	H
6A2064901	20	5M762	23.0	05	07	0103	LCSA	1		M
6A2064902	20	6M318	6.2		02	0203	LCPU			T
6A2064901	20	7M318	11.7	02	04	0103	LCSA			R
6A2064901	20	8M762	12.2	02	04	0103	LCSA	3	10	M
6A2064901	20	9M762	14.8	04	07	0103	LCSA	1		M
6A2064901	20	10M316	16.0	03	07	0103	LCSA			R
6A2064901	20	11M762	16.3	05	08	0103	LCSA	1	05	H
6A2064901	20	12M316	14.0	03	07	0103	LCSA			R
6A2064901	20	13M762	20.5	05	07	0103	LCSA	1	05	M
6A2064901	20	14M316	11.3	02	05	0103	LCSA			R
6A2064901	20	15M762	15.4	05	08	0103	LCSA	1		R
6A2064901	20	16M762	16.8	04	07	0103	LCSA	2	15	T
6A2064901	20	17M316	29.3	01	07	0103	LCSA			H
6A2064901	20	18M762	16.7	05	08	0103	LCSA	1		R
6A2064901	20	19M762	17.8	05	08	0103	LCSA	1		M
6A2064901	20	20M762	15.9	04	07	0103	LCSA	3		R
6A2064901	20	21M762	16.4	06	08	0103	LCSA	2	25	H
6A2064901	20	22M531	18.0	02	07	0103	LCSA			T
4A2064901	24	0.75								
4A2064902	24	0.75								
6A2064902	24	C		35		0203	CPU			10?f
6A2064901	24	1M316	14.4	03	06	0103	LCSA			M
6A2064902	24	2M316	11.4		06	0203	LCPU			M
6A2064901	24	3M762	14.5	02	06	0103	LCSA	2		M
6A2064901	24	4M316	13.7	03	06	0103	LCSA			H
6A2064902	24	5M372	7.8		03	0203	LCPU			H
6A2064901	24	6M762	13.4	03	06	0103	LCSA	3		M
6A2064901	24	7M316	13.2	02	05	0103	LCSA			H
6A2064901	24	8M762	19.9	04	07	0103	LCSA	1		M
6A2064901	24	9M762	11.6	01	05	0103	LCSA	3		M
6A2064901	24	10M762	14.3	03	07	0103	LCSA	3		M

## 20649.job

6A2064901	24	11M762	14.3	02	06	0103	LCSA	2		M
6A2064901	24	12M316	16.5	06	08	0103	LCSA			M
6A2064902	24	13M372	9.8		04	0203	LCPU			M
6A2064901	24	14M316	11.2	02	05	0103	LCSA			H
6A2064901	24	15M762	13.7	03	06	0103	LCSA	3		M
6A2064901	24	16M762	12.7	02	05	0103	LCSA	3		M
6A2064901	24	17M762	13.6	03	06	0103	LCSA	2		M
6A2064901	24	18M316	13.3	03	06	0103	LCSA		10	H
6A2064901	24	19M316	15.2	03	06	0103	LCSA			R
6A2064901	24	20M316	15.3	03	07	0103	LCSA			H
6A2064901	24	21M316	15.7	04	06	0103	LCSA			M
6A2064901	24	22M372	16.6	01	05	0103	LCSA			H
6A2064901	24	23M316	12.7	02	06	0103	LCSA			M
6A2064901	24	24M316	14.2	04	08	0103	LCSA			H
6A2064901	24	25M762	16.3	04	07	0103	LCSA	2	10	H
6A2064901	24	26M762	23.3	05	07	0103	LCSA	1	5	M
6A2064901	24	27M316	13.1	03	05	0103	LCSA			H
6A2064902	24	28M316	8.0		03	0203	LCPU			H
6A2064901	24	29M762	12.6	02	06	0103	LCSA	3		M
6A2064901	24	30M316	12.6	03	06	0103	LCSA		15	H
6A2064901	24	31M318	12.8	02	06	0103	LCSA			M
6A2064902	24	32M318	8.9		06	0203	LCPU			M
6A2064901	24	33M316	19.7	04	08	0103	LCSA		15	H
6A2064901	24	34M762	14.7	04	07	0103	LCSA	2		M
6A2064901	24	35M762	13.7	03	07	0103	LCSA	2		M
4A2064901	26	0.75								
4A2064902	26	0.75								
6A2064902	26	C		38		0203	CPU			10?f
6A2064902	26	1M318	7.1		03	0203	LCPU			R
6A2064901	26	2M762	14.2	05	08	0103	LCSA	2		H
6A2064901	26	3M762	19.3	04	08	0103	LCSA	1		R
6A2064901	26	4M762	13.3	03	08	0103	LCSA	2		T
6A2064901	26	5M762	15.3	04	07	0103	LCSA	1		M
6A2064901	26	6M762	16.8	05	07	0103	LCSA	1		H
6A2064901	26	7M762	12.4	03	07	0103	LCSA	3		R
6A2064901	26	8M762	14.6	04	07	0103	LCSA	2		T
6A2064901	26	9M762	12.1	02	07	0103	LCSA	3		R
6A2064901	26	10M762	16.3	03	07	0103	LCSA	1		R
6A2064902	26	11M318	7.6		04	0203	LCPU			M
6A2064901	26	12M762	16.4	04	08	0103	LCSA	1		R
6A2064901	26	13M762	11.2	02	07	0103	LCSA	2	5	T
6A2064901	26	14M762	13.9	04	07	0103	LCSA	3		R
6A2064901	26	15M762	15.5	03	06	0103	LCSA	3	10	H
6A2064901	26	16M316	13.5	03	07	0103	LCSA			R
6A2064901	26	17M316	11.2	02	07	0103	LCSA			R
6A2064901	26	18M762	14.4	03	07	0103	LCSA	3	15	T
6A2064901	26	19M762	15.9	05	08	0103	LCSA	1		H
6A2064901	26	20M762	21.0	04	07	0103	LCSA	3		R
6A2064901	26	21M762	16.7	06	09	0103	LCSA	1	15	H
6A2064902	26	22M318	8.0		04	0203	LCPU			T
6A2064901	26	23M762	22.0	04	07	0103	LCSA	3		R
6A2064901	26	24M762	17.3	04	06	0103	LCSA	2		M
6A2064901	26	25M316	12.6	03	07	0103	LCSA			T
6A2064901	26	26M762	19.0	06	08	0103	LCSA	1		R
6A2064901	26	27M316	13.3	02	06	0103	LCSA			M
6A2064901	26	28M762	23.8	05	09	0103	LCSA	1	15	H
6A2064901	26	29M316	15.9	03	07	0103	LCSA			R
6A2064901	26	30M316	11.0	01	07	0103	LCSA			T
6A2064901	26	31M316	13.0	03	07	0103	LCSA			R
6A2064901	26	32M316	20.0	03	07	0103	LCSA			R
6A2064901	26	33M316	11.3	01	06	0103	LCSA			M
6A2064901	26	34M316	16.0	03	07	0103	LCSA			R
6A2064902	26	35M316	8.3		04	0203	LCPU			M

## 20649.job

6A2064901	26	36M316	14.6	03	06	0103	LCSA			H
6A2064901	26	37M316	12.0	02	07	0103	LCSA			M
6A2064901	26	38M316	15.4	03	07	0103	LCSA			T
4A2064901	PL	0.75								
4A2064902	PL	0.75								
6A2064902	PL	C		17		0203	CPU			10?f
6A2064901	PL	1M762	22.4	04	08	0103	LCSA	2	10	M
6A2064902	PL	2M316	6.0		01	0203	LCPU	0		M
6A2064901	PL	3M762	19.7	04	07	0103	LCSA	3	25	M
6A2064901	PL	4M762	25.2	05	07	0103	LCSA	1	5	M
6A2064901	PL	5M762	15.3	05	07	0103	LCSA	1		M
6A2064901	PL	6M762	23.7	05	07	0103	LCSA	1	10	M
6A2064901	PL	7M762	14.6	01	06	0103	LCSA	3	10	M
6A2064901	PL	8M762	20.4	05	07	0103	LCSA	2	5	M
6A2064902	PL	9M318	11.6		04	0203	LCPU			M
6A2064901	PL	10M372	12.4	02	05	0103	LCSA		30	M
6A2064901	PL	11M531	16.5	02	06	0103	LCSA		15	M
6A2064901	PL	12M762	28.2	06	09	0103	LCSA	1	5	M
6A2064901	PL	13M318	15.7	02	05	0103	LCSA		30	M
6A2064901	PL	14M318	17.4	01	06	0103	LCSA			M
6A2064901	PL	15M318	19.9	03	06	0103	LCSA			M
6A2064901	PL	16M318	13.6	02	05	0103	LCSA			M
6A2064901	PL	17M318	14.2	02	06	0103	LCSA		5	M

CRUISE CERTIFICATION

I certify that the timber for the OGM Case M 139 Settlement Sale has been designated and cruised by the procedures and standards in FSH 2409.12, Timber Cruising Handbook. Records of checks are on file at the Marienville Ranger District, Marienville, Pa.



Robert T. Fallon  
District Ranger

Date 7/30/08