



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal  
South Chicken Blowdown  
Sale 343-14-703

District: Western Lane

Date: June 06, 2013

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**cost summary**

	<b>Conifer</b>	<b>Hardwood</b>	<b>Total</b>
<b>Gross Timber Sale Value</b>	\$32,515.75	\$0.00	\$32,515.75
		<b>Project Work:</b>	\$0.00
		<b>Advertised Value:</b>	\$32,515.75



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**timber description**

**Location:** Portions of Section 10, T17S, R8W, W.M., Lane County, Oregon.

**Stand Stocking:** 60%

SpecieName	AvgDBH	Amortization (%)	Recovery (%)
Douglas - Fir	18	0	96

Volume by Grade	2S	3S	4S	Total
Douglas - Fir	50	50	13	113
Total	50	50	13	113



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**comments:** Pond Values Used: 1st Quarter Calendar Year 2013.

Western Hemlock and Other Conifers Stumpage Price = Pond Value  
minus Logging Cost:  
 $\$208.02/\text{MBF} = \$453.02/\text{MBF} - \$245.00/\text{MBF}$

Western redcedar and Other Cedars Stumpage Price = Pond Value  
minus Logging Cost:  
 $\$755/\text{MBF} = \$1,000/\text{MBF} - \$245/\text{MBF}$

Red Alder Stumpage Price = Pond Value minus Logging Cost:  
 $\$288.21/\text{MBF} = \$533.21/\text{MBF} - \$245.00/\text{MBF}$

Big Leaf Maple and Other Hardwoods Stumpage Price = Pond Value  
minus Logging Cost:  
 $\$121.46/\text{MBF} = \$366.46/\text{MBF} - \$245.00/\text{MBF}$

SCALING COST ALLOWANCE = \$5.00/MBF

FUEL COST ALLOWANCE = \$4.00/Gallon

HAULING COST ALLOWANCE

Hauling costs equivalent to \$780 daily truck cost.

Other Costs (with Profit & Risk to be added):  
None.

Other Costs (No Profit & Risk added):  
(See attached sheet)

Rockware Fees = \$120

Final Road Maintenance = \$2,000

TOTAL Other Costs (No Profit & Risk added) = \$2,120



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**logging conditions**

**combination#:** 1                      Douglas - Fir                      100.00%  
**yarding distance:** Short (400 ft)                      **downhill yarding:** No  
**logging system:** Cable: Medium Tower >40 - <70                      **Process:** Manual Delimiting  
**tree size:**                      Mature Private Forest / Regen Cut (250 Bft/tree), 6-11 logs/MBF  
**loads / day:**                      5.0                      **bd. ft / load:**                      4,500  
**cost / mbf:**                      \$153.78  
  
**machines:**                      Log Loader (A)  
   Tower Yarder (Medium)



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**logging costs**

<b>Operating Seasons:</b>	1.00	<b>Profit Risk:</b>	18.00%
<b>Project Costs:</b>	\$0.00	<b>Other Costs (P/R):</b>	\$0.00
<b>Slash Disposal:</b>	\$0.00	<b>Other Costs:</b>	\$2,120.00

**Miles of Road**

Road Maintenance: \$0.00

Dirt	Rock (Contractor)	Rock (State)	Paved
0.0	1.0	0.0	0.0

**Hauling Costs**

Species	\$ / MBF	Trips/Day	MBF / Load
Douglas - Fir	\$0.00	3.0	4.0



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**logging costs breakdown**

Logging	Road Maint	Fire Protect	Hauling	Other P/R appl	Profit & Risk	Slash Disposal	Scaling	Other	Total
<b>Douglas - Fir</b>									
\$153.78	\$1.06	\$38.81	\$57.28	\$0.00	\$45.17	\$0.00	\$5.00	\$18.76	\$319.86

Specie	Amortization	Pond Value	Stumpage	Amortized
Douglas - Fir	\$0.00	\$607.61	\$287.75	\$0.00



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**summary**

**Amortized**

Specie	MBF	Value	Total
Douglas - Fir	0	\$0.00	\$0.00

**Unamortized**

Specie	MBF	Value	Total
Douglas - Fir	113	\$287.75	\$32,515.75

**Gross Timber Sale Value**

Recovery: \$32,515.75

Prepared by: Jason Hayzlett

Phone: 541-935-2283

# Cruise Report

South Chicken Blowdown

343-14-703

**Sale Area:** A portion of T17S, R8W, Sec. 10 of the W.M. The gross and net acreage is 6 acres. Acres were determined by using a combination of aerial photos, GPS, GIS, and topographic maps.

**Stand Description:** Sale is a blown down stand of 75 year old Douglas-fir. Approximately half of the trees either blew over or are root sprung. The majority of the sale will require cable logging. The removal specs include all Douglas-fir that are blown down or are leaning more than 10 degrees from perpendicular.

**Cruise Method:** The Sale was not cruised. Volume is based off 40% of the actual volume from the adjacent stand. Adjacent stand (South Chicken Timbersale) cut out at 47 MBF/acre.

**Prepared By:** Jason Hayzlett