



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
East Salt
Sale 341-13-44

District: Western Lane

Date: June 12, 2012

cost summary

	Conifer	Hardwood	Total
Gross Timber Sale Value	\$625,410.69	\$0.00	\$625,410.69
Project Work:			\$0.00
Advertised Value:			\$625,410.69



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timber description

Location: Portions of Section 2, T18S, R7W, W.M., Lane County, Oregon.

Stand Stocking: 60%

SpecieName	AvgDBH	Amortization (%)	Recovery (%)
Douglas - Fir	21	0	97

Volume by Grade	2S	3S	4S	Total
Douglas - Fir	1,067	1,135	69	2,271
Total	1,067	1,135	69	2,271



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comments: Pond Values Used: 1st Quarter Calendar Year 2012.

Western Hemlock and Other Conifers Stumpage Price = Pond Value
minus Logging Cost
 $\$181.60/\text{MBF} = \$420/\text{MBF} - \$238.40/\text{MBF}$

Western redcedar and Other Cedars Stumpage Price = Pond Value
minus Logging Cost
 $\$706.60/\text{MBF} = \$945/\text{MBF} - \$238.40/\text{MBF}$

Red Alder and Other Hardwoods Stumpage Price = Pond Value minus
Logging Cost
 $\$311.60/\text{MBF} = \$550/\text{MBF} - \$238.40/\text{MBF}$

Peelable Cull (Conifer) Price = $\$80/\text{MBF}$

Pulp prices (conifer and hardwood) obtained from local delivered
pulp prices minus logging cost.

SCALING COST ALLOWANCE = $\$5.00/\text{MBF}$

FUEL COST ALLOWANCE = $\$4.00/\text{Gallon}$

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 to be added):
Snag Creation: $83 \text{ snags} \times \$75 \text{ per snag} = \$6,225$
In Unit Slash Piling: $40 \text{ acres} \times \$130 \text{ per acre} = \$5,200$
Slash Piling Equipment Move-In = $\$1,000$
Pile Covering (includes labor and covering material): $40 \text{ acres} \times$
 $\$50 \text{ per acre} = \$2,000$
Landing Slash Piling = $\$1,500$
Salt Creek Road Pre-Haul Spot Rock (1.5" minus): $85 \text{ cubic yards} \times$
 $\$18.50 \text{ per cubic yard} = \$1,572$
Landing Rock (Jaw Run): $100 \text{ cubic yards} \times \$15 \text{ per cubic yard} =$
 $\$1,500$
Final Road Maintenance = $\$6,320$
TOTAL Other Costs (No Profit & Risk added) = $\$25,317$



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logging conditions

combination#:	1	Douglas - Fir	100.00%
yarding distance:	Long (1,500 ft)		downhill yarding: No
logging system:	Cable: Medium Tower >40 - <70		Process: Stroke Delimber
tree size:	Mature Private Forest / Regen Cut (250 Bft/tree), 6-11 logs/MBF		
loads / day:	6.0	bd. ft / load:	4,000
cost / mbf:	\$139.34		
machines:	Log Loader (A) Stroke Delimber (A) Tower Yarder (Medium)		



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logging costs

Operating Seasons:	1.00	Profit Risk:	20.00%
Project Costs:	\$0.00	Other Costs (P/R):	\$0.00
Slash Disposal:	\$0.00	Other Costs:	\$25,317.00

Miles of Road

Road Maintenance: \$0.00

Dirt	Rock (Contractor)	Rock (State)	Paved
0.0	2.0	0.0	0.0

Hauling Costs

Species	\$ / MBF	Trips/Day	MBF / Load
Douglas - Fir	\$0.00	4.0	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
Douglas - Fir									
\$139.34	\$2.10	\$1.93	\$41.84	\$0.00	\$37.04	\$0.00	\$5.00	\$11.15	\$238.40

Specie	Amortization	Pond Value	Stumpage	Amortized
Douglas - Fir	\$0.00	\$513.79	\$275.39	\$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	2,271	\$275.39	\$625,410.69

Gross Timber Sale Value

Recovery: \$625,410.69

Prepared by: Ole Buch

Phone: 541-935-2283

Summary of "Other Costs" for Timber Sale Appraisals

East Salt (341-13-044)

"Other Costs" with Profit and Risk to be Added:

None

Total "Other Costs" with Profit and Risk to be Added:

\$0

"Other Costs" With No Additional Profit and Risk

	<u>Units</u>	<u>Quantity</u>	<u>Cost/Unit</u>	<u>Total Cost</u>
Snag Creation	# snags	83	\$ 75.00	\$ 6,225
In Unit Slash Piling	acres	40	\$ 130.00	\$ 5,200
Slash Piling Equipment move-in	Operation			\$ 1,000
Pile covering (includes labor and covering material)	acres	40	\$ 50.00	\$ 2,000
Landing slash piling	Operation			\$ 1,500
Salt Creek Road Pre-haul Spot Rock (1.5" minus)	cu/yds	85	\$ 18.50	\$ 1,573
Landing Rock (Jaw Run)	cu/yds	100	\$ 15.00	\$ 1,500
Final Road Maintenance	Operation			\$ 6,320

Total "Other Costs" With No Additional Profit and Risk:

\$25,317

Cost per MBF 2,271 MBF

\$ 11.15

End

East Salt
341-13-044

Final Road Maintenance Cost Summary

	Salt Creek Rd	Spurs 1, 2 & 3	TOTAL
Stations	100.50	21.68	
Cost/Sta	\$47.69	\$70.45	
Total Cost	\$4,792	\$1,527	\$6,320

	Salt Creek Rd	Spurs 1, 2 & 3	
Spot Rocking			
Total Yds	160	40	
\$/yd	\$18.50	\$18.50	
Subtotal	\$2,960.00	\$740.00	\$3,700

	Salt Creek Rd	Spurs 1, 2 & 3	
Grade, Shape & Pull Ditches			
Stations	100.5	21.68	
\$/STA	\$13.26	\$13.26	
Subtotal	\$1,332	\$287	\$1,620

	Salt Creek Rd	Spurs 1, 2 & 3	
Compact			
Stations	0.00	0.00	
\$/STA	\$13.26	\$13.26	
Subtotal	\$0	\$0	\$0

	Salt Creek Rd	Spurs 1, 2 & 3	
Install Waterbars			
Stations	0.00	0.00	
\$/STA	\$1.89	\$1.89	
Subtotal	\$0.00	\$0.00	\$0

	Salt Creek Rd	Spurs 1, 2 & 3	
Landing clean up			
Stations	1.00	1.00	
\$/STA	\$13.26	\$13.26	
Subtotal	\$13	\$13	\$27

	Salt Creek Rd	Spurs 1, 2 & 3	
Tank Trap			
Tank Traps	n/a	n/a	
\$/trap	\$500	\$500	
Subtotal			\$0

	Salt Creek Rd	Spurs 1, 2 & 3	
Move In			
Grader	\$1,000		
			\$1,000

Move in costs associated across all spurs

Total Final Maintenance Costs	\$6,320
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Cruise Report

East Salt 341-13-044

Sale Area: Portion of Section 2, T18S R 07W. The acreage for the sale was determined by transferring unit boundaries from gps, topographic maps and aerial photos to orthophotos in GIS. The sale area consists of 101 gross acres of which 11 acres are located in a Green Tree Retention Area. 3 acres are located in riparian buffers and 4 acres with existing roads; resulting in 83 net acres for the sale.

Stand Description:

The sale area is comprised of conifer dominated areas that naturally regenerated from past logging in the 50's and 60's. Ages range from 60 to 75 years. The entire timber sale area was commercially thinned in approximately 1977 and 2002.

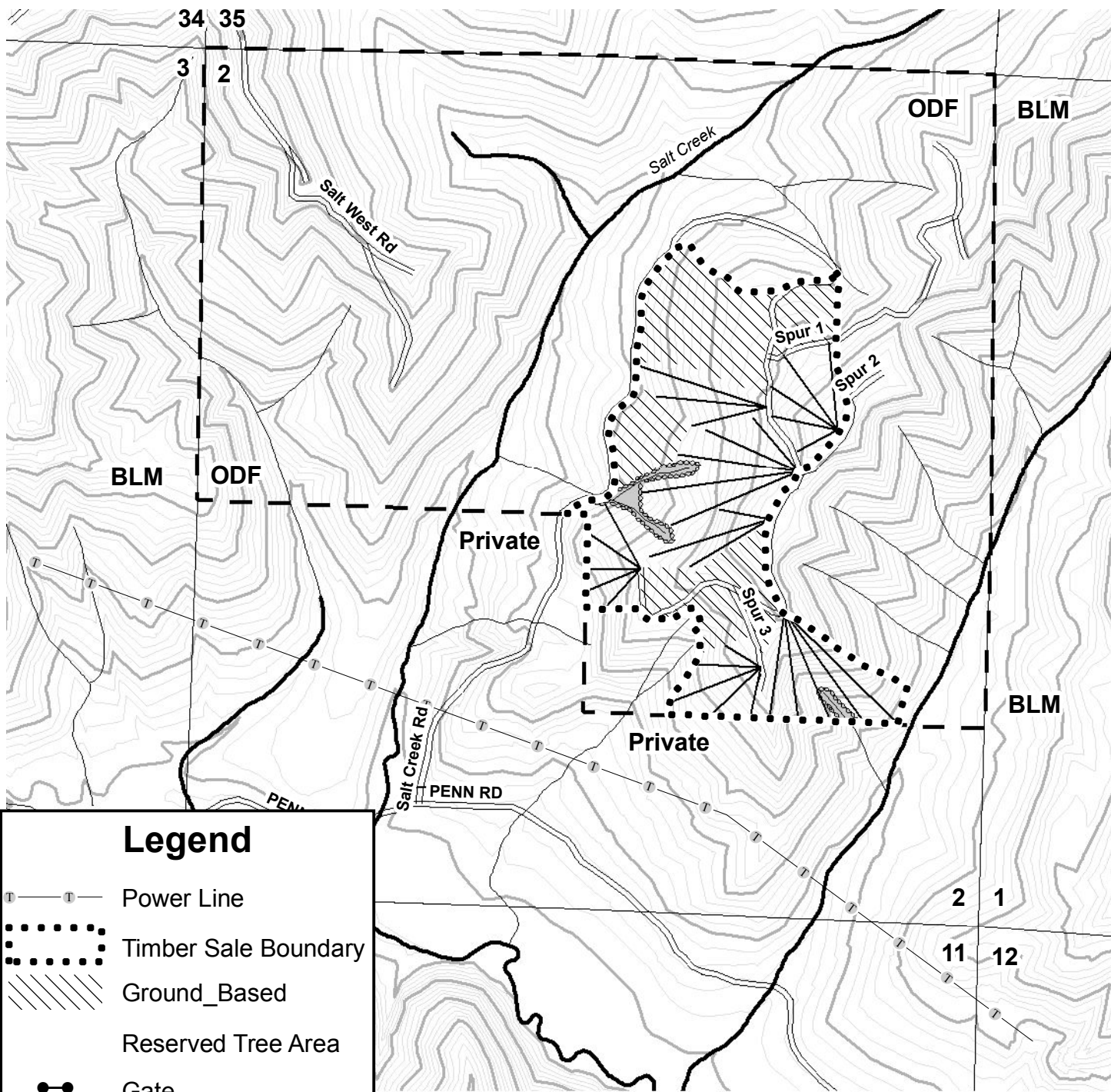
Cruise Report:

Methods: The sale area was NOT cruised. The volumes used for the cruise report are from a 2004 Stand Level Inventory (SLI) grown forward to 2012. The percent breakdown of the grades was determined by the cruise results of similar stands.

Cruiser: N/A

Calculations: Volumes were computed by using the SLI. Trees painted with a red band of paint are also considered as reserve trees. Trees reserved for snag creation were NOT removed from the total volume.

Area	Species	2 SAW	3 SAW	4 SAW	Total
Area 1 (mcc)	D-fir	1,067 mbf	1,135 mbf	69 mbf	2,271 mbf
TOTAL		1,067 mbf	1,135 mbf	681 mbf	2,271 mbf



Legend

- Power Line
- Timber Sale Boundary
- Ground-Based Reserved Tree Area
- Gate

Roads

- Highway
- Paved road
- Surfaced road
- ODF Ownership

Streams

- Fish
- Nonfish
- Posted Stream Buffer

Logging Plan Map

OF TIMBER SALE CONTRACT NO. 341-13-044
EAST SALT
PORTIONS OF SECTION 2, T18S, R7W, W.M.
LANE COUNTY, OREGON

Contours = 20'

0 500 1,000 2,000 Feet

1 inch = 1,000 feet

This product is for informational use and may not have been prepared for or be suitable for legal, engineering or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of this information.

	Gross Acres	Net Acres
Total (CC)	101	83



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