



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal Cost Summary Saling Creek Sale 341-02-09

District: Tillamook

Date: 1/14/02

	Conifer	Hardwood	Total
Gross Timber Sale Value	\$141,800.74	\$0.00	\$141,800.74
		Project Work	(\$8,776.00)
		Advertised Value	\$133,024.74



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal Timber Description Saling Creek Sale 341-02-09

District: Tillamook

Location: Section 36, T3S, R10W, W.M., Tillamook County, Oregon

Date: 1/14/02

Stand Stocking: 80%

Species	Avg. DBH	Amortized%	Recovery%
Douglas - Fir	13	0	95

Volume by Grade	Douglas - Fir	Total
3S	491	491
4S	87	87
Total	578	578

Comments: Pond Values Used: 4th Quarter 2001

Road Maintenance Costs: Total \$2.14/MBF

Grading: \$500/Mile x 1 Grading x 1.5 Miles / 578 MBF = \$1.30/MBF

Surfacing: \$13/yard x .5 MMBF x 1.5 Miles x 50 CuYds/Mile / 578MBF = \$.84/MBF

Costs (plus Profit and Risk):

Brand and Paint: \$2.00/MBF x 578 MBF = \$1156

Traffic Spotter: \$150/Day x 20 days = \$3000



Timber Sale Appraisal

Logging Conditions

Saling Creek

Sale 341-02-09

"STEWARDSHIP IN FORESTRY"

Combination#: 1	Douglas - Fir	50.00%
Yarding Distance:	Medium (800 ft)	Downhill Yarding No
Logging System:	Cable: Medium Tower >40 - <70	Process: Stroke Delimber
Tree Size:	Small / Thinning 12in (130 Bft/tree), 12-17 logs/MBF	
Loads/Day:	6	Bd. Ft./Load: 3,500
Cost/MBF:	\$156.32	
Machines:	Log Loader (A) Stroke Delimber (A) Tower Yarder (Medium)	
Combination#: 2	Douglas - Fir	50.00%
Yarding Distance:	Short (400 ft)	Downhill Yarding Yes
Logging System:	Wheel Skidder	Process: Feller Buncher
Tree Size:	Small / Thinning 12in (130 Bft/tree), 12-17 logs/MBF	
Loads/Day:	7	Bd. Ft./Load: 3,500
Cost/MBF:	\$136.91	
Machines:	Feller Buncher w/ Delimber Log Loader (B) Stroke Delimber (B) Tire Skidder	



Timber Sale Appraisal Logging Costs Saling Creek Sale 341-02-09

"STEWARDSHIP IN FORESTRY"

Date: 1/14/02

Operating Seasons: 1.0

Profit & Risk: 15%

Project Costs: \$8,776

Other Costs (P/R): \$4,156

Slash Disposal: \$0

Other Costs: \$0

Road Maintenance: \$2.14

Miles of Road			
Dirt	Rock (Contractor)	Rock (State)	Paved
0.0	0.0	0.0	0.0

Hauling Costs

Species	\$/MBF	Trips/Day	MBF/Load
Douglas - Fir	\$0.00	3.0	3.5



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal Logging Costs Breakdown Saling Creek Sale 341-02-09

Costs	Douglas - Fir
Logging	146.62
Road Maintenance	2.25
Fire Protection	4.69
Hauling	46.11
Other (P/R appl.)	7.19
Profit & Risk	31.03
Slash Disposal	0.00
Scaling	2.00
Other	0.00
Total	239.89

Amortization	0.00
Pond Value	485.22
Stumpage	245.33
Amortized	0.00



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal Summary Saling Creek Sale 341-02-09

Amortized

	Douglas - Fir
MBF	0.00
Value	0.00
Total	0.00

Unamortized

	Douglas - Fir
MBF	578.00
Value	245.33
Total	141,800.74

Gross Timber Sale Value

Recovery \$141,800.74

Prepared by: Wayne Auble

Date: 1/14/02

District: Tillamook

Phone: (503) 842-2545

PROJECT SUMMARY SHEET

Sale: Saling Creek

CONSTRUCTION

Point A to B	1+05	stations =	\$84.31
SUBTOTAL CONSTRUCTION			\$84.31

IMPROVEMENT

Point A to B	23+90	stations =	\$1,896.97
Point C to D	12+00	stations =	\$937.60
SUBTOTAL IMPROVEMENT			\$2,834.57

VACATING

Point A to E	50+20	stations =	\$2,354.30
Point G to H	5+45	stations =	\$392.20
Point F	0	stations =	\$1,619.60
SUBTOTAL VACATING			\$4,366.10

SPECIAL PROJECTS

Remove culverts from State Lands	\$517.27
	\$0.00
SUBTOTAL SPECIAL PROJECTS	\$517.27

MOVE IN **\$973.36**

GRAND TOTAL **\$8,775.61**

SUMMARY OF CONSTRUCTION COST

Sale:	<u>Saling Creek</u>		Road:	<u>A to B</u>
Construction -	<u>1 + 05</u> stations <u>0.02</u> miles		Improvement -	<u>23 + 90</u> stations <u>0.45</u> miles
CLEARING AND GRUBBING -				
Side cast	0.00 acres @	\$513.00 per acre =		\$0.00
Scattering	0.46 acres @	\$790.00 per acre =		\$363.40
Piling	0.00 acres @	\$877.00 per acre =		\$0.00
Pile-Burn	0.00 acres @	\$1,458.00 per acre =		\$0.00
Endhaul	0.00 acres @	\$1,500.00 per acre =		\$0.00
		TOTAL CLEARING AND GRUBBING		\$363.40
EXCAVATION -				
	24.95 Sta. @	\$50.00 per Sta. =		\$1,247.50
	0 cys. @	\$0.00 per c.y. =		\$0.00
	0 cys. @	\$0.00 per c.y. =		\$0.00
	0 cys. @	\$0.00 per c.y. =		\$0.00
		TOTAL EXCAVATION		\$1,247.50
CULVERTS - MATERIALS & INSTALLATION				
Culverts				
0 LF of 18"	\$0.00	0 LF of 24"	\$0.00	
0 LF of 30"	\$0.00	0 LF of 36"	\$0.00	
0 LF of 42"	\$0.00	0 LF of 48"	\$0.00	
0 LF of 54"	\$0.00	0 LF of 60"	\$0.00	
	<u>\$0.00</u>		<u>\$0.00</u>	
Half Rounds				
0 LF of 21"	\$0.00	0 LF of 30"	\$0.00	
0 LF of 36"	\$0.00	0 LF of 42"	\$0.00	
0 LF of 48"	\$0.00	0 LF of 54"	\$0.00	
0 LF of 60"	\$0.00	0 LF of 66"	\$0.00	
	<u>\$0.00</u>		<u>\$0.00</u>	
Culvert Stakes				
0 stakes	<u>\$0.00</u>			
		TOTAL CULVERTS		\$0.00
SURFACING-				
0 cy. of Jaw-Run @		\$0.00 per c.y. =		<u>\$0.00</u>
		TOTAL SURFACING		\$0.00
SPECIAL PROJECTS				
Grade and shape subgrade (	0.30 mile @	\$694.00 per mile)		\$208.20
Grade and shape subgrade (	0.18 mile @	\$441.00 per mile)		\$79.38
Grass seed and fertilize (	0.46 acre @	\$180.00 per acre)		\$82.80
		TOTAL SPECIAL PROJECTS		\$370.38
GRAND TOTAL				\$1,981.28

SUMMARY OF CONSTRUCTION COST

Sale: Saling Creek

Road: A to E

Construction - 0+00 stations
0.00 miles

Vacating - 50+20 stations
0.00 miles

CLEARING AND GRUBBING -

Side cast	0.00 acres @	\$513.00 per acre =	\$0.00
Scattering	0.19 acres @	\$790.00 per acre =	\$150.10
Piling	0.00 acres @	\$877.00 per acre =	\$0.00
Pile-Burn	0.00 acres @	\$1,458.00 per acre =	\$0.00
Endhaul	0.00 acres @	\$1,500.00 per acre =	\$0.00
TOTAL CLEARING AND GRUBBING			\$150.10

EXCAVATION -

Remove Culvert @ Sta. 7+65	9 hrs. w/235 @	\$115.00 per hr. =	\$1,035.00
Remove Culvert @ Sta. 30+60	1 hrs. w/235 @	\$115.00 per hr. =	\$115.00
Remove Culvert @ Sta. 32+50	2 hrs. w/235 @	\$115.00 per hr. =	\$230.00
TOTAL EXCAVATION			\$1,380.00

CULVERTS - MATERIALS & INSTALLATION

Culverts

0 LF of 18"	\$0.00	0 LF of 24"	\$0.00
0 LF of 30"	\$0.00	0 LF of 36"	\$0.00
0 LF of 42"	\$0.00	0 LF of 48"	\$0.00
0 LF of 54"	\$0.00	0 LF of 60"	\$0.00
	<u>\$0.00</u>		<u>\$0.00</u>

Half Rounds

0 LF of 21"	\$0.00	0 LF of 30"	\$0.00
0 LF of 36"	\$0.00	0 LF of 42"	\$0.00
0 LF of 48"	\$0.00	0 LF of 54"	\$0.00
0 LF of 60"	\$0.00	0 LF of 66"	\$0.00
	<u>\$0.00</u>		<u>\$0.00</u>

Culvert Stakes

0 stakes	<u>\$0.00</u>
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TOTAL CULVERTS **\$0.00**

SURFACING-

0 cy. of Jaw-Run @	\$0.00 per c.y. =	<u>\$0.00</u>
TOTAL SURFACING		\$0.00

SPECIAL PROJECTS

Cross ditches	8.00 ea. @	\$75.00 ea.	\$600.00
Grass seed, fertilize and mulch	0.19 acre @	\$1,180.00 per acre	\$224.20
TOTAL SPECIAL PROJECTS			\$824.20

GRAND TOTAL **\$2,354.30**

SUMMARY OF CONSTRUCTION COST

Sale: Saling Creek

Road: C to D

Construction - 0 + 00 stations
0.00 miles

Improvement - 12 + 00 stations
0.23 miles

CLEARING AND GRUBBING -

Side cast	0.00 acres @	\$513.00 per acre =	\$0.00
Scattering	0.22 acres @	\$790.00 per acre =	\$173.80
Piling	0.00 acres @	\$877.00 per acre =	\$0.00
Pile-Burn	0.00 acres @	\$1,458.00 per acre =	\$0.00
Endhaul	0.00 acres @	\$1,500.00 per acre =	\$0.00
TOTAL CLEARING AND GRUBBING			\$173.80

EXCAVATION -

12 Sta. @	\$50.00 per Sta. =	\$600.00
0 cys. @	\$0.00 per c.y. =	\$0.00
0 cys. @	\$0.00 per c.y. =	\$0.00
0 cys. @	\$0.00 per c.y. =	\$0.00
TOTAL EXCAVATION		\$600.00

CULVERTS - MATERIALS & INSTALLATION

Culverts

0 LF of 18"	\$0.00	0 LF of 24"	\$0.00
0 LF of 30"	\$0.00	0 LF of 36"	\$0.00
0 LF of 42"	\$0.00	0 LF of 48"	\$0.00
0 LF of 54"	\$0.00	0 LF of 60"	\$0.00
	<u>\$0.00</u>		<u>\$0.00</u>

Half Rounds

0 LF of 21"	\$0.00	0 LF of 30"	\$0.00
0 LF of 36"	\$0.00	0 LF of 42"	\$0.00
0 LF of 48"	\$0.00	0 LF of 54"	\$0.00
0 LF of 60"	\$0.00	0 LF of 66"	\$0.00
	<u>\$0.00</u>		<u>\$0.00</u>

Culvert Stakes

0 stakes	<u>\$0.00</u>
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TOTAL CULVERTS \$0.00

SURFACING-

0 cy. of Jaw-Run @	\$0.00 per c.y. =	<u>\$0.00</u>
TOTAL SURFACING		\$0.00

SPECIAL PROJECTS

Grade and shape subgrade (	0.09 mile @	\$694.00 per mile)	\$62.46
Grade and shape subgrade (	0.14 mile @	\$441.00 per mile)	\$61.74
Grass seed and fertilize (	0.22 acre @	\$180.00 per acre)	\$39.60
TOTAL SPECIAL PROJECTS			\$163.80

GRAND TOTAL

\$937.60

SUMMARY OF CONSTRUCTION COST

Sale: Saling Creek

Road: G to H

Construction - 0+00 stations
0.00 miles

Vacating - 5+45 stations
0.00 miles

CLEARING AND GRUBBING -

Side cast	0.00 acres @	\$513.00 per acre =	\$0.00
Scattering	0.00 acres @	\$790.00 per acre =	\$0.00
Piling	0.00 acres @	\$877.00 per acre =	\$0.00
Pile-Burn	0.00 acres @	\$1,458.00 per acre =	\$0.00
Endhaul	0.00 acres @	\$1,500.00 per acre =	\$0.00
TOTAL CLEARING AND GRUBBING			\$0.00

EXCAVATION -

Remove Culvert @ Sta. 1+05	1 hrs. w/235 @	\$115.00 per hr. =	\$115.00
Remove Culvert @ Sta. 5+45	2 hrs. w/235 @	\$115.00 per hr. =	\$230.00
TOTAL EXCAVATION			\$345.00

CULVERTS - MATERIALS & INSTALLATION

Culverts

0 LF of 18"	\$0.00	0 LF of 24"	\$0.00
0 LF of 30"	\$0.00	0 LF of 36"	\$0.00
0 LF of 42"	\$0.00	0 LF of 48"	\$0.00
0 LF of 54"	\$0.00	0 LF of 60"	\$0.00
	<u>\$0.00</u>		<u>\$0.00</u>

Half Rounds

0 LF of 21"	\$0.00	0 LF of 30"	\$0.00
0 LF of 36"	\$0.00	0 LF of 42"	\$0.00
0 LF of 48"	\$0.00	0 LF of 54"	\$0.00
0 LF of 60"	\$0.00	0 LF of 66"	\$0.00
	<u>\$0.00</u>		<u>\$0.00</u>

Culvert Stakes

0 stakes	<u>\$0.00</u>
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TOTAL CULVERTS \$0.00

SURFACING-

0 cy. of Jaw-Run @	\$0.00 per c.y. =	<u>\$0.00</u>
TOTAL SURFACING		\$0.00

SPECIAL PROJECTS

Grass seed, fertilize and mulch	0.04 acre @	\$1,180.00 per acre	\$47.20
TOTAL SPECIAL PROJECTS			\$47.20

GRAND TOTAL \$392.20

SUMMARY OF CONSTRUCTION COST

Sale: Saling Creek

Road: Point "F"

Construction - 0+00 stations
0.00 miles

Vacating - 0+00 stations
0.00 miles

CLEARING AND GRUBBING -

Side cast	0.00 acres @	\$513.00 per acre =	\$0.00
Scattering	0.18 acres @	\$790.00 per acre =	\$142.20
Piling	0.00 acres @	\$877.00 per acre =	\$0.00
Pile-Burn	0.00 acres @	\$1,458.00 per acre =	\$0.00
Endhaul	0.00 acres @	\$1,500.00 per acre =	\$0.00
TOTAL CLEARING AND GRUBBING			\$142.20

EXCAVATION -

Remove Culvert @ Point "F"	11 hrs. w/235 @	\$115.00 per hr. =	\$1,265.00
TOTAL EXCAVATION			\$1,265.00

CULVERTS - MATERIALS & INSTALLATION

Culverts

0 LF of 18"	\$0.00	0 LF of 24"	\$0.00
0 LF of 30"	\$0.00	0 LF of 36"	\$0.00
0 LF of 42"	\$0.00	0 LF of 48"	\$0.00
0 LF of 54"	\$0.00	0 LF of 60"	\$0.00
	<u>\$0.00</u>		<u>\$0.00</u>

Half Rounds

0 LF of 21"	\$0.00	0 LF of 30"	\$0.00
0 LF of 36"	\$0.00	0 LF of 42"	\$0.00
0 LF of 48"	\$0.00	0 LF of 54"	\$0.00
0 LF of 60"	\$0.00	0 LF of 66"	\$0.00
	<u>\$0.00</u>		<u>\$0.00</u>

Culvert Stakes

0 stakes	<u>\$0.00</u>
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TOTAL CULVERTS \$0.00

SURFACING-

0 cy. of Jaw-Run @	\$0.00 per c.y. =	\$0.00
TOTAL SURFACING		\$0.00

SPECIAL PROJECTS

Grass seed, fertilize and mulch	0.18 acre @	\$1,180.00 per acre	\$212.40
TOTAL SPECIAL PROJECTS			\$212.40

GRAND TOTAL \$1,619.60

MOVE-IN COST SUMMARY

Sale: SALING CREEK

MILEAGE FACTORS			
Distance Factor		Distance Factor	
0-25	0.58	55	1.07
30	0.66	60	1.15
35	0.74	65	1.23
40	0.82	70	1.31
45	0.91	75	1.40
50	1.00	80	1.48

MILEAGE FACTOR = 0.66

No.	EQUIPMENT DESCRIPTION	Base Cost	Move in Cost	Within Area Move (\$/mile)	Begin Mileage	End Mileage	Total Miles	Within Area Cost	Total Cost
0	Drill & Compressor	\$241	\$0.00		0	0	0	\$0.00	\$0.00
1	Graders	\$241	\$159.06	\$7.05	0	0.95	0.95	\$6.70	\$165.76
0	Loader (1.5 - 2.5 cy)	\$241	\$0.00	\$6.83	0	0	0	\$0.00	\$0.00
0	Loader (3 cy +)	\$387	\$0.00	\$8.15	0	0	0	\$0.00	\$0.00
0	Rollers & Compactors	\$241	\$0.00	\$13.73	0	0	0	\$0.00	\$0.00
1	Excavators	\$533	\$351.78	\$36.60	0	2.18	2.18	\$79.79	\$431.57
0	Large Backhoes	\$533	\$0.00	\$21.42	0	0	0	\$0.00	\$0.00
0	Small backhoes	\$241	\$0.00	\$3.52	0	0	0	\$0.00	\$0.00
0	Tractors (D5 - D7)	\$385	\$0.00	\$18.47	0	0	0	\$0.00	\$0.00
1	Tractors (D8)	\$533	\$351.78	\$25.53	0	0.95	0.95	\$24.25	\$376.03
0	Dump Truck (< 10 cy)	\$121	\$0.00	\$2.30	0	0	0	\$0.00	\$0.00
0	Dump Truck (10 cy +)	\$144	\$0.00	\$2.76	0	0	0	\$0.00	\$0.00

TOTAL MOVE-IN COSTS:

\$973.36

REMOVE CULVERTS FROM STATE LANDS COST SHEET

SALE: Saling Creek

Point to Point	Number of Culverts
A to E	3
F	1
G to H	2
TOTAL CULVERTS	6

Load culverts @ 0.25 hrs/culvert =	1.50 hrs
Move Backhoe between culverts =	1.50 hrs
Subtotal loading time =	3.00 hrs
Driving and unloading time =	2.00 hrs
Total project time =	5.00 hrs

10.00 hours labor @ \$33.07/hour =	\$330.70
5.00 hours with Dump Truck @ \$24.46/hour =	\$122.30
5.00 hours with trailer @ \$5.00/hour =	\$25.00
3.00 hours with Backhoe @ \$13.09/hour =	\$39.27

Grand Total

\$517.27



OREGON DEPARTMENT OF FORESTRY
CRUISE REPORT

Saling Creek

STEWARDSHIP IN FORESTRY

1. **Type of Sale:** Clearcut, Recovery
2. **Legal Description:** Portion of Section 36, T3S, R10W, W.M. Tillamook County, Oregon
3. **Sale Acreage:** The sale boundaries were plotted on a digital orthophotograph and the acreage was calculated with GIS.

ACREAGE		
<u>Total</u>	<u>Sale</u>	<u>Volume</u>
54	51	47

Total: For accomplishment reporting - clearcut (regeneration) harvest. Includes Green Tree Retention (GTR) outside the posted sale area boundary.

Sale: Within the Timber Sale Boundary signs.

Volume: For calculating the advertised volume. Deductions from sale acreage were made for two buffer areas around streams within the timber sale area.

4. **Cruising Procedures:**
 - A. **Cruise Method:** : Five cruise lines spaced 300 feet apart were established on the sale area. Along those lines variable radius full point plots were taken every 200 feet. A total of 28 basal area plots were established and 6 of the plots were also measured to determine a V-BAR for the stand.
 - B. **Plot size:** A BAF of 20 was used, the point of tree observation was 4.5 feet.
 - C. **Grading System:** Trees were graded on the measured plots and the percentage breakdown from these plots was used to determine grade breakdown for the total volume.
5. **Computation Procedure:** V-BAR was determined by entering the measured plots into SuperAce Timberland Appraisal and Planning System from Atterbury Consultants version 95.02.21. Volume was then determined by multiplying the V-BAR by the basal area that was determined with the information from the basal area plots.
6. **Defect and Breakage:** A 5% defect and breakage reduction was applied to the volume.

7. **Timber Description:** This stand was planted in 1965 and was pre-commercially thinned in 1986. The stand is severely infected with Swiss needle cast with 1-2 years of needle retention and severe discoloration of the foliage. The stand is nearly pure Douglas-fir with a minor component of hemlock scattered through the stand. Bear damage was detected, however most of the damage is isolated to hemlock. Refer to the attached stand table and volume summary for current stand information.

8. **Cruiser Names/Dates:** Langer/Keith December, 2000

9. **Revenue Distribution:**
100% FDF
Tax Code: 8
Deed Numbers: 186, 376
Rehabilitation Obligated: N/A

7. **Attachments:**
Stand Table
Cruise Map
Volume Summary
Logging Plan



Saling Creek Stand Table

DBH	Take Trees	Leave Trees	Number of Plots	Take Trees per Acre	Leave Trees per Acre	Trees per Acre
8"	0	0	28	0.0	0.0	0.0
9"	0	0	28	0.0	0.0	0.0
10"	36	0	28	47.6	0.0	47.6
11"	0	0	28	0.0	0.0	0.0
12"	85	1	28	78.9	0.9	79.9
13"	0	0	28	0.0	0.0	0.0
14"	68	2	28	46.1	1.4	47.5
15"	0	0	28	0.0	0.0	0.0
16"	24	0	28	12.0	0.0	12.0
17"	0	0	28	0.0	0.0	0.0
18"	15	0	28	5.9	0.0	5.9
19"	0	0	28	0.0	0.0	0.0
20"	1	1	28	0.3	0.3	0.6
21"	0	0	28	0.0	0.0	0.0
22"	2	0	28	0.6	0.0	0.6
24"	0	0	28	0.0	0.0	0.0
26"	0	0	28	0.0	0.0	0.0
28"	0	0	28	0.0	0.0	0.0
30"	0	0	28	0.0	0.0	0.0
32"	0	0	28	0.0	0.0	0.0
34"	0	0	28	0.0	0.0	0.0
36"	0	0	28	0.0	0.0	0.0
Total	231	4		191	3	194

Trees/plt	8.4	Trees/ac	194
Tk trs/plt	8.3	Tk trs/ac	191
Lv trs/plt	0.1	Lv trs/ac	3

BA(acre)	168	Current Stand - QM Diameter	12.6
BA(tree)	0.37	Leave Stand - QM Diameter	14.2
Lv BA/ac		3 Take trees - QM Diameter	12.6
Tk BA/ac	165		

Relative Density	47
Relative Den. - Leave	1



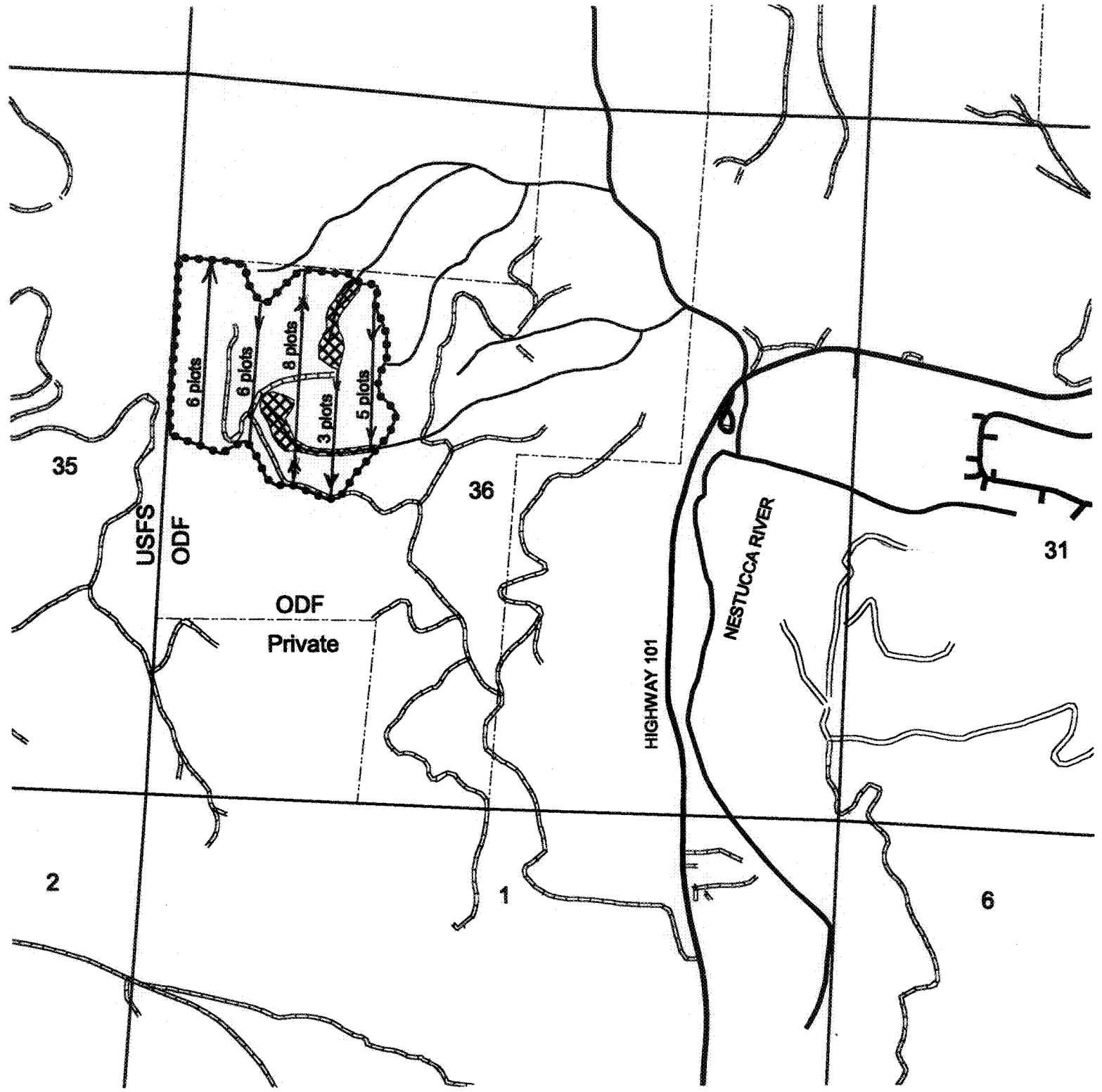
"STEWARDSHIP IN FORESTRY"

Saling Creek

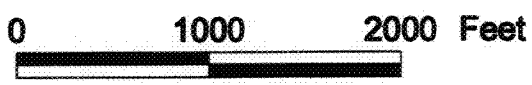
Volume Summary

47 acres						
SPECIES	Basal Area Per Acre	V-BAR	Vol/Acre MBF	Volume MBF	D & B	Net Vol MBF
Douglas-fir	168	77	12.9	608	5%	578
TOTAL				608		578

TOTAL SALE VOLUME			
SPECIES	MBF		Net Vol. (MBF)
Douglas-fir	608		578
TOTAL	608		578

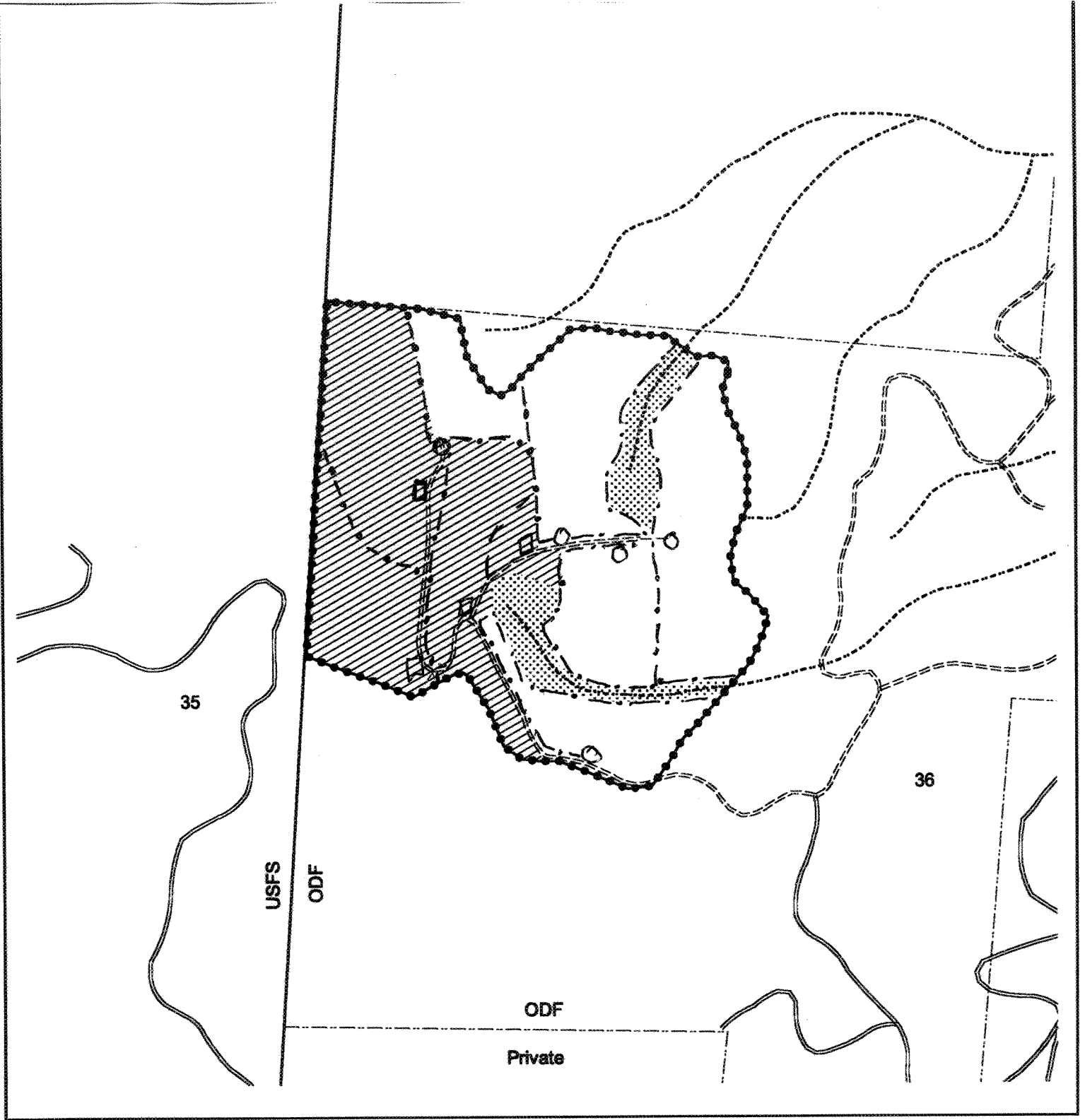


- Cruise lines
- - - Timber Sale Boundary
- ▨ Buffer roads
- Unsurfaced
- Surfaced
- Paved
- Streams**
- F
- N
- - - Property line
- Section line



Cruise Map
Sa ling Creek
 Portion of Section 36, T3S, R10W, W.M.
 Tillamook County, Oregon
 51 gross acres, 47 net acres





- Roads
- New Construction
- Unsurfaced
- Surfaced
- Hwy
- Timber Sale Boundary
- Yarding System
- Cable
- ▨ Ground-based
- Type F stream
- Type N stream
- Property line
- Section line
- ▨ Buffer
- Setting Bdry

Logging Plan
Sa ling Creek
341-02-09
Portion of Section 36, T3S, R10W, W.M.
Tillamook County Oregon
51 gross acres 47 net acres

