



"STAND FOR THE FOREST"

Timber Sale Appraisal Drum Stick

Sale KL-341-2015-86-

District: Klamath/Lake

Date: March 30, 2015

Cost Summary

	Conifer	Hardwood	Total
Gross Timber Sale Value	\$169,822.36	\$0.00	\$169,822.36
		Project Work:	(\$14,829.00)
		Advertised Value:	\$154,993.36



Timber Sale Appraisal Drum Stick

Sale KL-341-2015-86-

District: Klamath/Lake

Date: March 30, 2015

Timber Description

Location: Portions of Sections 7 and 18, T33S, R7 1/2 E, W.M., Klamath County, Oregon.

Stand Stocking: 40%

Specie Name	AvgDBH	Amortization (%)	Recovery (%)
White Fir	16	0	95
Sugar Pine	11	0	95
Ponderosa Pine	14	0	95
Lodgepole Pine	17	0	95

Volume by Grade	CR 6" - 8"	CR 8" - 14"	CR 14" - 22"	CR 22"+	Camprun	Total
White Fir	156	358	140	42	0	696
Sugar Pine	39	0	0	0	0	39
Ponderosa Pine	71	104	0	0	0	175
Lodgepole Pine	0	0	0	0	13	13
Total	266	462	140	42	13	923

Comments: Pond Values Used: 1st Quarter Calendar Year 2015.

Log Markets: Klamath Falls and Medford.

SCALING COST ALLOWANCE = \$5.00/MBF

FUEL COST ALLOWANCE = \$3.00/Gallon

HAULING COST ALLOWANCE
Hauling costs equivalent to \$780 daily truck cost.

Other Costs: (with Profit & Risk to be added):
Log Branding and Painting: \$648
Dust Abatement: \$4,394
TOTAL Other Costs (with Profit & Risk to be added): \$5,042

Other Costs (No Profit & Risk added):
None.



Timber Sale Appraisal Drum Stick

Sale KL-341-2015-86-

District: Klamath/Lake

Date: March 30, 2015

Logging Conditions

Combination#: 1

White Fir	70.00%
Sugar Pine	100.00%
Ponderosa Pine	95.00%
Lodgepole Pine	100.00%

Logging System: Wheel Skidder **Process:** Feller Buncher

yarding distance: Medium (800 ft) **downhill yarding:** Yes

tree size: Small / Thinning 12in (130 Bft/tree), 12-17 logs/MBF

loads / day: 10 **bd. ft / load:** 4200

cost / mbf: \$90.40

machines: Log Loader (B)
Stroke Delimber (B)
Feller Buncher w/ Delimber
Tire Skidder

Combination#: 2

White Fir	30.00%
Ponderosa Pine	5.00%

Logging System: Track Skidder **Process:** Manual Falling/Delimbing

yarding distance: Medium (800 ft) **downhill yarding:** Yes

tree size: Mature Private Forest / Regen Cut (250 Bft/tree), 6-11 logs/MBF

loads / day: 12 **bd. ft / load:** 4500

cost / mbf: \$81.68

machines: Log Loader (B)
Track Skidder



Timber Sale Appraisal Drum Stick

Sale KL-341-2015-86-

District: Klamath/Lake

Date: March 30, 2015

Logging Costs

Operating Seasons: 1.00	Profit Risk: 12%
Project Costs: \$14,829.00	Other Costs (P/R): \$5,042.00
Slash Disposal: \$0.00	Other Costs: \$0.00

Miles of Road

Road Maintenance: \$1.67

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

Hauling Costs

Species	\$ / MBF	Trips/Day	MBF / Load
White Fir	\$0.00	3.0	4.4
Sugar Pine	\$0.00	3.0	4.0
Ponderosa Pine	\$0.00	3.0	4.2
Lodgepole Pine	\$0.00	3.0	4.0

Local Pond Values

Date	Specie	Grade	Value
03/30/2015	Lodgepole Pine	Camprun	\$330.00
03/30/2015	White Fir	CR 6" - 8"	\$370.00
03/30/2015	Sugar Pine	CR 6" - 8"	\$285.00
03/30/2015	Ponderosa Pine	CR 6" - 8"	\$295.00
03/30/2015	White Fir	CR 8" - 14"	\$395.00
03/30/2015	Ponderosa Pine	CR 8" - 14"	\$325.00
03/30/2015	White Fir	CR 14" - 22"	\$405.00
03/30/2015	White Fir	CR 22"+	\$410.00



Timber Sale Appraisal Drum Stick

Sale KL-341-2015-86-

District: Klamath/Lake

Date: March 30, 2015

Logging Costs Breakdown

Logging	Road Maint	Fire Protect	Hauling	Other P/R appl	Profit & Risk	Slash Disposal	Scaling	Other	Total
White Fir									
\$87.78	\$1.75	\$4.75	\$62.04	\$5.46	\$19.41	\$0.00	\$5.00	\$0.00	\$186.19
Sugar Pine									
\$90.40	\$1.75	\$4.75	\$68.25	\$5.46	\$20.47	\$0.00	\$5.00	\$0.00	\$196.08
Ponderosa Pine									
\$89.96	\$1.75	\$4.75	\$65.00	\$5.46	\$20.03	\$0.00	\$5.00	\$0.00	\$191.95
Lodgepole Pine									
\$90.40	\$1.75	\$4.75	\$68.25	\$5.46	\$20.47	\$0.00	\$5.00	\$0.00	\$196.08

Specie	Amortization	Pond Value	Stumpage	Amortized
White Fir	\$0.00	\$392.31	\$206.12	\$0.00
Sugar Pine	\$0.00	\$285.00	\$88.92	\$0.00
Ponderosa Pine	\$0.00	\$312.83	\$120.88	\$0.00
Lodgepole Pine	\$0.00	\$330.00	\$133.92	\$0.00



"SUSTAINABLE FORESTRY"

Timber Sale Appraisal Drum Stick

Sale KL-341-2015-86-

District: Klamath/Lake

Date: March 30, 2015

Summary

Amortized

Specie	MBF	Value	Total
White Fir	0	\$0.00	\$0.00
Sugar Pine	0	\$0.00	\$0.00
Ponderosa Pine	0	\$0.00	\$0.00
Lodgepole Pine	0	\$0.00	\$0.00

Unamortized

Specie	MBF	Value	Total
White Fir	696	\$206.12	\$143,459.52
Sugar Pine	39	\$88.92	\$3,467.88
Ponderosa Pine	175	\$120.88	\$21,154.00
Lodgepole Pine	13	\$133.92	\$1,740.96

Gross Timber Sale Value

Recovery: \$169,822.36

Prepared By: Ed Scheick

Phone: 541-883-5681

DRUMSTICK

341-15-86

Additional Costs



"STEWARDSHIP IN FORESTRY"

Road Maintenance

Move in Cost (grader):	\$400.00
Number of Miles to be Bladed:	5.4
Number of Bladings:	1
Miles/Hour for Equipment:	0.5
Cost/Hour (grader with operator):	\$105.50
Total Grading Hours:	10.8
Grading Cost:	\$1,139.40
Total Cost:	\$1,539.40
Cost/Mbf:	\$1.67

Dust Abatement (Profit & Risk to be added in Appraisal)

WF	696 Mbf	75%	Average Load	4.4	MBF	No. of Loads	158
PP	175 Mbf	19%	Average Load	4.2	MBF	No. of Loads	42
SP	39 Mbf	4%	Average Load	4.0	MBF	No. of Loads	10
LP	13 Mbf	1%	Average Load	4.0	MBF	No. of Loads	3
Total:	923 Mbf	100%				Total Loads	213

Asume: 4 Trucks per Day
 3 Trips per Day
12 Loads per Day
18 Hauling Days

12 Days of Dust Abatement

4 Hours per Day

48 Total Hours

\$88.00 Cost per Hour

\$4,224.00 Dust Abatement Cost

\$170.00 Water Truck Move In

\$4,394.00 Total Cost

\$4.76 Cost/Mbf

Brand & Paint (Profit and Risk to be added in Appraisal)

18 Hauling Days

1.5 Hours/Day

\$24.00 Cost/Hour

\$648.00 Total Cost

\$0.70 Cost/Mbf

Other Costs Summary (Profit and Risk to be added in Appraisal)

\$4,394.00 Total cost for Dust Abatement	\$4.76 per Mbf
\$648.00 Total Cost for Log Branding	\$0.70 per Mbf
\$5,042.00 Total Other Costs	\$5.46 per Mbf

DRUMSTICK

341-15-86

Project Costs



"STEWARDSHIP IN FORESTRY"

Project #1 Road Improvement

Move in Cost Dozer \$400.00

Improvement	Points	Distance (ft)	Feet/Hour	Hours	Cost/Hour	Cost
Open/Clear/Shape	A to B	2270	1000	2.3	132.5	\$304.75
Open/Clear/Shape	C to D	1420	1000	1.4	132.5	\$185.50
Open/Clear/Shape	D to E	300	1000	0.3	132.5	\$39.75
Open/Clear/Shape	D to F	550	1000	0.6	132.5	\$79.50
Open/Clear/Shape	F to G	450	1000	0.5	132.5	\$66.25
Open/Clear/Shape	F to H	970	1000	1.0	132.5	\$132.50
Open/Clear/Shape	I to J	450	1000	0.5	132.5	\$66.25
Open/Clear/Shape	K to L	2370	1000	2.4	132.5	\$318.00
		<u>8780</u>		<u>9.0</u>		<u>\$1,192.50</u>

Project #1 Summary

Move in	\$400.00
Open/Clear Shape	\$1,192.50
Project #1 Total	<u>\$1,592.50</u>
per Mbf:	\$1.73

Project #2 Felling, Skidding, and Piling of Submerchantable Trees

Total Sub-sawlog volume: 40 MBF

Fell and Skid/Mbf:	\$50.00
Sort/Mbf:	\$10.00
Total	<u>\$2,400.00</u>
per Mbf:	\$2.60

Landing Slash Piling

Number of Landings: 15

Shovel Time:	.5 Hour/Landing	Cost/Hour: \$125.00	Total Cost: \$937.50
Cat Time:	.5 Hour/Landing	Cost/Hour: \$132.50	Total Cost: \$993.75

Total	<u>\$1,931.25</u>
per MBF	\$2.09

Total Project #2 Cost: \$4331.25 (per MBF: \$4.69)

DRUMSTICK

341-15-86

Project Costs



"STEWARDSHIP IN FORESTRY"

Project #3 Spot Rocking on 19 & 20 Roads

Spot Rocking - Delivered

3/4 -	Rock Size
290	Cubic Yards
1.5	Tons per Cubic Yard
435	Tons
\$15.25	cost per ton (delivered)
\$6,633.75	Total
\$7.19	per Mbf

Rock Spreading (Grader)

9	Total Grader Hours
\$105.50	Cost per Hour
\$949.50	Total
9	Total Water Truck Hours
\$88.00	Cost per Hour
\$792.00	Total
\$1,741.50	Total Rock Spreading
\$1.89	per MBF

Project #3 Summary

Total cost Rock	\$6,633.75
Total cost Spreading	\$1,741.50
Total	\$8,375.25
per MBF	\$9.07

Project #4 Road Closures

Number of Closure Points: 4 (Points A,C, I, & K)
 1 Hour/Point (Travel Included)
 Cost per hour (Cat): \$132.50
Total Cost: \$530.00 (per MBF: \$.57)

Cost Summary All Projects

\$1,592.50 Project No. 1 Road Improvement
 \$4,331.25 Project No. 2 Felling, Skidding, and Piling of Submerchantable Material
 \$8,375.25 Project No. 3 Spot Rocking on 19 & 20 Roads
 \$530.00 Project No. 4 Road Closures
\$14,829.00 Total Project Cost
 \$16.07 per mbf

Summary of Project Work

Drumstick
341-15-86



Project # 1: Road Improvement	\$1,592.50
Project # 2: Fell, Skid, & Pile Submerchantable	\$4,331.25
Project # 3: Spot rocking 19 & 20 roads	\$8,375.25
Project # 4: Road Closures	\$530.00
Total:	\$14,829.00

DRUMSTICK

***341-15-86
Cruise Report***



SALE NAME: Drumstick

LEGAL DESCRIPTION:

T33S, R7½E, Portions of Sections 7 and 18, W.M., Klamath County, Oregon.

BOUNDARY LINES:

Unit boundaries are posted with “Timber Sale Boundary” signs, marked with fluorescent orange paint and fluorescent orange flagging.

FUND:

100% BOF

ACREAGE:

The timber sale consists of 1 area, stand 220, total 256 acres.

Mapping was accomplished using a handheld Global Positioning System unit with the data run on the district Geographical Information System Program.

TREATMENT:

Entire sale area is a single tree selection cut with cut trees marked with blue paint for trees 5.0 inches dbh and larger. All trees less than 5.0 inches dbh are reserved from cutting in sale area.

CRUISE METHOD:

Variable plot cruise with a ratio of 1 count plot for every measure plot. Fixed plot cruise for all submerchantable material (5.0”to 9.0”) dbh.

BASAL AREA FACTOR:

Area	BAF	Type Acreage
Area I	10 BAF	256 acres

PLOT DESIGNATION:

Plot centers were established at every plot with blue flag wire stakes with the corresponding plot number. Blue and white candy stripe flagging was attached to the nearest available tree branch.

SAMPLE SIZE CALCULATIONS:

AREA	CV%	DESIRED SE%	ACRES
Area I	60	13	256

$$\text{Number of Plots} = \frac{T^2 C^2}{A^2}$$

C = Coefficient of Variation in Percent (Taken from inventory data)

T = Number of Standard Errors

A = Desired Sampling Error for a sale of this size and value

Area I $N = \frac{(1)^2(60)^2}{(13)^2} = 21 \text{ plots}$ Took 23 plots

Measurements and Grading:

- DBH and Height were measured on all “in” trees for measure plots.
- Ratio of 1 count plot for every measure plot
- Pulp volume and sawlog volume cruised.
- See attached species and grade tables for minimum requirements.
- All trees were graded using the segment system.
- Separate fixed plot cruise for all submerchantable material (5” to 9” dbh)

TREE HEIGHT:

All trees were measured to a fixed diameter outside bark. This height is usually taken as high up the bole as possible, where the cruiser can clearly see the bole, and the taper remains constant (usually 6 or 8 inches). The log segments are broken out and graded accordingly.

MINIMUM D.B.H:

9.0” dbh for sawlog volume. 5.0” dbh for submerchantable material.

DIAMETER STANDARDS:

1" diameter class

BTR:

Standard ratios were used. See attached species tables.

FORM FACTOR:

Form factor was measured or estimated at 16' for each tree. Each tree was assigned its own FF.

FORM POINT:

All trees were sighted at D.B.H.

VOLUME COMPUTATION:

All cruise data was input and run at the district on Atterbury's Super Ace program.

CRUISERS: Ed Scheick, Todd Clement, Sara Stack.

FINAL CRUISE RESULTS:

AREA	CV%	SE%	ACRES
Area I	63	13.4	256

TIMBER DESCRIPTION**SAWLOG VOLUME:**

This volume was obtained from the variable plot cruise. All material graded camprun. See grade table for minimum standards.

SPECIES	AVE. DBH	GROSS VOL (MBF)	NET VOL (MBF)
White Fir	15.9	700	696
Ponderosa Pine	13.6	178	175
Sugar Pine	10.9	39	39
Lodgepole Pine	17.4	13	13

TOTAL NET SAWLOG VOLUME: 923 MBF

GREEN PULP VOLUME:

This volume was obtained from the fixed plot cruise (5.0" – 9.0" DBH) and trees from the variable plot cruise (greater than 9.0" DBH) that did not meet sawlog standards. All material was graded green pulp, see grade table for minimum standards.

SPECIES	VOLUME
Ponderosa Pine	34
Sugar Pine	6

TOTAL GREEN PULP VOLUME: 40 MBF

TblSortGrade

Sort/Grade Table

Table Name: SUNPASS Date: 12/22/2014

Sort	Grd	Abr	Desc	Fbr	Min Dia	Max Dia	Max B Butt	Min I Len	Max Len	Defect	Min Vol	Vol Type	Min Rings	Knot S Size	Knot Freq	Str	Sap	Min Age	Lbs	Lbs Type	Cords	Cords Type
0	0	CU	CULL	G	1	0	0	1	99	0	0	M	0	0	0			0	0	0		
	1	CR	CAMPRU	G	6	0	0	10	99	0	0	M	0	0	0			0	0	0		
	7	GP	GRNPULP	G	3	0	0	10	99	0	0	M	0	0	0			0	0	0		
	8	DP	DEADPUL	G	3	0	0	10	99	0	0	M	0	0	0			0	0	0		
	9	UT	UTILITY	G	8	0	0	12	99	0	0	M	0	0	0			0	0	0		
		CU	CULL	G	1	0	0	1	99	0	0	M	0	0	0			0	0	0		
	1	CR	CAMPRU	G	1	0	0	1	99	0	0	M	0	0	0			0	0	0		

Species Table Report

TblSpecies

Date: 12/22/2014

Page: 1

Table Name: SUNPASS

Code	Abrv	Description	Bark Ratio	ASub Const	Form Factor	Wood Type	Comp- onent	Yield Table	Min Log Dia	Min Log Len	Max Log Len	Log Trim	Max Tree Dia	Max Tree Hgt.	BdFt Rule	CuFt Rule	Weight
1	PP	PPINE	.87	PP	.85	P	C	PP--EQUA--100	3	9	20	1.0	99	200	E	1	4800
2	WF	WHITE F	.94	NF	.87	W	C	DF--EQUA--050	3	9	20	1.0	99	200	E	1	5000
3	LP	LP PINE	.96	DF	.9	P	C	LP--EQUA--100	3	9	20	1.0	99	200	E	1	4800
4	DF	DOUG-FIR	.92	DF	.87	D	C	DF--EQUA--050	3	9	20	1.0	99	200	E	1	5700
5	SP	SUG PINE	.87	PP	.84	P	C	PP--EQUA--100	3	9	20	1.0	99	200	E	1	4800
6	IC	INC CED	.90	SS	.80	C	C	DF--EQUA--050	3	9	20	1.0	99	200	E	1	4500
7	RF	SH FIR	.924	DF	.89	W	C	DF--EQUA--050	3	9	20	1.0	99	200	E	1	5000

TC TLOGSTVB				Log Stock Table - MBF Project: DSTIK															
T033 R007 S07 TVARI												T033 R007 S07 TVARI							
Twp	Rge	Sec	Tract	Type				Acres	Plots		Sample Trees		Page		1				
033	007	07	220	VARI				256.00	23		43		Date		12/22/2014				
												Time		1:36:48PM					
S Spp	So T	Gr rt	Log de Len	Gross MBF	% Def	Net MBF	% Spc	Net Volume by Scaling Diameter in Inches											
								2-3	4-5	6-8	9-10	11-12	13-14	15-16	17-19	20-21	22-29	30-39	40+
WF	CR	CR	17	37		37	5.3			30	4	3							
WF	CR	CR	26	59		59	8.5			43	16								
WF	CR	CR	34	604	.7	600	86.2			83	101	175	59	88	52	42			
WF Totals				700		696	74.1			156	122	177	59	88	52	42			
PP	CR	CR	17	25	7.5	24	12.3			11	6	7							
PP	CR	CR	26	70		70	36.5			30	12	12	15						
PP	CR	CR	34	82	1.4	81	42.1			30	31	20							
PP	CR	GP	17	4		4	2.1		4										
PP	CR	GP	18	6		6	3.2			6									
PP	CR	GP	19	7		7	3.8		7										
PP Totals				195	1.6	192	20.4		11	77	49	32	22						
SP	CR	CR	16	14		14	37.2			14									
SP	CR	CR	20	24		24	62.8			24									
SP Totals				39		39	4.1			39									
LP	CR	CR	17	1		1	10.5			1									
LP	CR	CR	34	12	5.6	11	89.5					11							
LP Totals				13	5.0	13	1.4			1		11							
Total All Species				947		939	100.0		11	274	170	221	81	88	52	42			

TC TSTATS				STATISTICS			PAGE		1		
				PROJECT	DSTIK	DATE 12/22/2014					
TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt		
033	007	07	220	VARI	256.00	23	80	1	E		
				TREES	ESTIMATED	PERCENT					
				PER PLOT	TOTAL	SAMPLE					
					TREES	TREES					
TOTAL				23	80	3.5					
CRUISE				11	43	3.9	7,956	.5			
DBH COUNT											
REFOREST											
COUNT				11	37	3.4					
BLANKS				1							
100 %											
STAND SUMMARY											
SAMPLE				TREES	AVG	BOLE	REL	BASAL	GROSS	NET	GROSS
TREES				/ACRE	DBH	LEN	DEN	AREA	BF/AC	BF/AC	CF/AC
WHITE F				24	14.5	15.9	49	5.0	20.0	2,733	2,717
PPINE				15	10.3	13.6	39	2.8	10.4	761	749
SUG PINE				3	6.0	10.9	26	1.2	3.9	152	152
LP PINE				1	.3	17.4	54	0.1	.4	53	50
TOTAL				43	31.1	14.3	41	9.2	34.8	3,699	3,668
CONFIDENCE LIMITS OF THE SAMPLE											
68.1				TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR							
CL:	68.1 %	COEFF	SAMPLE TREES - BF					# OF TREES REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5		10	15	
WHITE F				118.2	24.7	219	291	363			
PPINE				70.3	18.8	75	93	110			
SUG PINE				21.7	15.0	23	27	31			
LP PINE											
TOTAL				138.3	21.1	159	201	244	765	191	85
CL:	68.1 %	COEFF	SAMPLE TREES - CF					# OF TREES REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5		10	15	
WHITE F				89.0	18.6	47	58	68			
PPINE				57.9	15.5	20	24	27			
SUG PINE				39.4	27.3	5	7	9			
LP PINE											
TOTAL				102.6	15.6	35	42	49	421	105	47
CL:	68.1 %	COEFF	TREES/ACRE					# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5		10	15	
WHITE F				98.6	21.0	11	15	18			
PPINE				126.0	26.9	8	10	13			
SUG PINE				229.7	49.0	3	6	9			
LP PINE				479.6	102.3		0	1			
TOTAL				63.9	13.6	27	31	35	171	43	19
CL:	68.1 %	COEFF	BASAL AREA/ACRE					# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5		10	15	
WHITE F				86.6	18.5	16	20	24			
PPINE				113.7	24.2	8	10	13			
SUG PINE				227.8	48.6	2	4	6			
LP PINE				479.6	102.3		0	1			
TOTAL				56.8	12.1	31	35	39	135	34	15
CL:	68.1 %	COEFF	NET BF/ACRE					# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5		10	15	
WHITE F				81.8	17.4	2,243	2,717	3,191			
PPINE				112.0	23.9	570	749	928			
SUG PINE				228.3	48.7	78	152	226			
LP PINE				479.6	102.3		50	101			
TOTAL				62.7	13.4	3,178	3,668	4,158	164	41	18

TC TSTATS				STATISTICS				PAGE	2
				PROJECT	DSTIK		DATE	12/22/2014	
TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
033	007	07	220	VARI	256.00	23	80	1	E
CL:	68.1 %	COEFF		NET CUFT FT/ACRE			# OF PLOTS REQ.		INF. POP.
SD:	1.0	VAR.	S.E.%	LOW	AVG	HIGH	5	10	15
CL:	68.1 %	COEFF		NET CUFT FT/ACRE			# OF PLOTS REQ.		INF. POP.
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
WHITE F		83.1	17.7	482	586	689			
PPINE		112.0	23.9	149	196	243			
SUG PINE		228.5	48.7	20	40	59			
LP PINE		479.6	102.3		12	24			
TOTAL		60.3	12.9	727	834	941	152	38	17

LOGGING PLAN

OF TIMBER SALE CONTRACT 341-15-86
DRUM STICK
T33S, R7.5E, PORTIONS OF SECTIONS
7 AND 18, W.M.,
KLAMATH COUNTY, OREGON

