Burns Creek Swing
Stewardship Contracting
Project Timeline

- One of Original 28 Stewardship End Result Contracting Demo Projects
- Project initiated April 1999
- Original no bid timber sale repackaged into conventional timber sale and skidder-skyline swing stewardship project
- Project funded 2001
- Stewardship contract awarded June 2001
- Contract work began October 2001 completed December 2001
- Virginia Tech cooperating with study
Project Map
Certification of Log Scalers
Contractor Procurement

- Service Contract testing
- Trading Goods for Services
- Retention of Receipts
- One proposal received from Hillman Logging (VDOF cooperator)
Logging Method

- Manual Falling
- Conventional Skidding to Swing Landing
- Rehook to Yarder
- Yard to Full Service Landing for processing
Yarding Method

- Corridors had to be cut
- Downhill yarding required a haulback
- Yarder is a Thunderbird TMY-45 with radio controlled motorized carriage ACME 100
Log Scaling

- Merchandizing to Maximum Value
- Initial Product Identification
- Buck to Product
- Scale and Grade
- Tally
- Many Manhours
Merchandizing & Goods for Services

• Log were merchandized:
  • Red Oak
  • White Oak
  • Grade
  • Ties
  • Peelers

• Pulpwood was removed, trading goods for services
Log Sales

• Logs placed in separate piles for sale

• Each product bid as individual sale
# Bid Results

<table>
<thead>
<tr>
<th>Sale Name</th>
<th>CCF</th>
<th>Minimum</th>
<th>Bid</th>
<th>Total Value</th>
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</thead>
<tbody>
<tr>
<td>Red Oak</td>
<td>49</td>
<td>$339</td>
<td>$385</td>
<td>$18,864</td>
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<tr>
<td>White Oak</td>
<td>10</td>
<td>$268</td>
<td>$411</td>
<td>$4,110</td>
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<td>Chestnut Oak</td>
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<td>$188</td>
<td>$200</td>
<td>$2,800</td>
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<tr>
<td>Grade</td>
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<td>$74</td>
<td>$164</td>
<td>$37,174</td>
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<tr>
<td>Peelers</td>
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<td>$61</td>
<td>$100</td>
<td>$2,693</td>
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<td>Ties</td>
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<td>$58</td>
<td>$93</td>
<td>$3,342</td>
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<td><strong>Total</strong></td>
<td>367</td>
<td><strong>$42,500</strong></td>
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<td><strong>$69,073</strong></td>
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</table>
Stream Liming

• KV funded
• Alternative to helicopter placement
• Integrated with Logging Operation
Conclusions

• Timber Accountability requirements means labor intensive – needs study

• Good method when timber cannot be sold

• Risk to FS for Markets and Grade loss

• Service contracting works well for FM