NOTICE OF SALE

Department of Natural Resources & Conservation Timber Sale

The Heyers Gulch Timber Sale is located within Sections 15, 16, & 21, T13N-R17W, on the State's Missoula Unit. Approximately 7,476 tons, consisting primarily of Douglas-fir, ponderosa pine and western larch sawlogs, is offered for sale.

Sealed bids will be opened at the Department of Natural Resources & Conservation, 2705 Spurgin Road, Missoula, Montana on March 26, 2015 at 2:00 p.m. Bids may be hand delivered or mailed and will be accepted any time prior to the bid opening. DNRC recommends that bidders contact the Trust Land Management Division (406-542-4300) prior to the bid opening to ensure that your bid has been received. Bids must be accompanied by a deposit of $2,531.00, representing 5% of the minimum bid value of the sale in cashier's check, certified check, bank money order or bank draft to be applied to the stumpage for the successful bidder. Bid bonds will be accepted and, for the successful bidder, will be closed upon execution of the Timber Sale Contract and Timber Sale Bond.

The sale will be awarded to the highest responsible bidder. If the successful bidder is unable to execute the contract within 45 calendar days from the date the sale is awarded, the bid deposit will be retained by the Department as liquidated damages. The right is reserved to reject any or all bids.

Prospective bidders can obtain the sale prospectus, sale contract and bid forms from the Department of Natural Resources & Conservation, Trust Land Management Division, in Missoula (406-542-4300), the Southwestern Land Office in Missoula (406-542-4200), or the Missoula Unit Office (406-542-4309).


/s/ SONYA GERMANN, Chief
Forest Management Bureau
Trust Land Mgmt Division

Publication Dates: February 25, March 4, 11, 18, 2015
TIMBER SALE PROSPECTUS
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

<table>
<thead>
<tr>
<th>Timber Sale Name:</th>
<th>Heyers Gulch</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timber Sale Location:</td>
<td>Sections 15, 16 and 21, T13N-R17W</td>
</tr>
<tr>
<td>For specific sale information, contact:</td>
<td>Jonathan Hansen</td>
</tr>
<tr>
<td>Phone</td>
<td>406-542-4309</td>
</tr>
<tr>
<td>Unit Office:</td>
<td>Missoula</td>
</tr>
<tr>
<td>For copies of the Timber Sale Contract and bid forms, contact:</td>
<td></td>
</tr>
<tr>
<td>Phone</td>
<td>406-542-4300</td>
</tr>
<tr>
<td>Forest Management Bureau</td>
<td>DNRC Missoula Office</td>
</tr>
<tr>
<td>Phone</td>
<td>406-542-4200</td>
</tr>
<tr>
<td>Land Office:</td>
<td>Southwestern</td>
</tr>
</tbody>
</table>

**General Bidding Information**

1. Bids must be submitted on standard Department of Natural Resources & Conservation (Dept) bid forms.

2. Timber will be sold to the highest responsible bidder; however, the Dept reserves the right to reject any or all bids.

3. The Dept recommends that bidders contact the Forest Management Bureau, Trust Land Management Division (406-542-4300) prior to the bid opening to ensure that your bid has been received.

4. **A Bid Guarantee** must accompany all bids and must be in the form of cash, cashier check, certified check, money order, bank draft, surety bond or irrevocable letter of credit.

5. The Purchaser must submit a **Performance Bond** to the Dept within a maximum of 45 days of notification of sale award. The bond amount will be, at a minimum, 20% of the total bid value of the sale. The performance bond may be in the form of cash, irrevocable letter of credit, surety bond or certificate of deposit. The performance bond must be maintained separately from other payments for the duration of the sale contract. See the Timber Sale Contract for additional information.

6. The Purchaser must submit an **Advance Stumpage Payment** prior to cutting any timber. The amount of the advance stumpage payment will be based on the expected harvest rate and the bid value of the stumpage. The advance stumpage payment may be in the form of cash, irrevocable letter of credit, payment bond or certificate of deposit.

7. At rates specified in the Contract, the Purchaser will pay **Forest Improvement Fees** on all sawlog volume. All applicable **Road Use and/or Maintenance fees** will also be paid by the Purchaser in addition to stumpage payments.

8. This sale is being sold based on the gross weight of all species. Minimum price and bid price are on a per ton basis. Unless specified, the price applies to all species, green and dead. Price may vary by product. Billing will be based on gross weight. A weight ticket from a certified scale is required for each load hauled, regardless of product type.

9. The Dept has estimated the net scale merchantable sawlog volume to be available for purchase under this contract. Other products may be part of this sale. All delivered wood will be weighed and billed at per ton bid rates. The Dept recognizes that a percentage of delivered wood may not meet the log manufacturing and recovery standards of the timber sale contract. The actual percentage will vary based on the log manufacturing and recovery specifications of the purchaser and tree conditions in the sale area. The actual delivered weight may vary, resulting in an overrun or under-run of the estimated tonnage. The Dept strongly recommends that bidders evaluate these effects before bidding.

10. The Dept does not conduct detailed road appraisals. All appraised costs are gross estimates or averages, provided only to show the relative amount of work required, and not the true market value. The Dept strongly recommends that bidders make their own estimates based on contract requirements. Cost estimates provided are not guaranteed.

11. Bidders are encouraged to examine the complete Timber Sale Package and Sale Area prior to bidding. Additional information is available at the phone numbers shown above.

12. Estimates for sale volume, species percents, defect, product class, etc. provided in this prospectus and volume estimates listed in the sale contract are not guaranteed.

13. **This prospectus is provided for information purposes only.** If the prospectus is in error or contradicts the Timber Sale Contract, the contract governs.
Additional Sale Information: (Information only; see Timber Sale Contract including Attachment B for actual requirements and details).

1. Harvest involves 122 acres of Skyline (3,887 tons) yarding and 81 acres tractor (3,589 tons) skid harvest.
2. Purchaser will be required to construct and maintain 3.9 miles of new road. Purchaser will also be required to maintain and improve approximately 23.6 miles of existing road.
3. Dust abatement may be required on two road segments of Ashby Creek Road totaling approximately 1/2 mile.
4. Feller-buncher and grapple skidder required (see Timber Sale Contract) on 81 acres of tractor harvest.
5. Skyline system capable of 1,200' external yarding distance. Carriage must be capable of maintaining a fixed position on the skyline while lateral yarding.
6. The Purchaser will be required to hand slash approximately 7 acres of mistletoe-infected sub-merchantable Douglas-fir trees within harvest units as directed by the Forest Officer.
7. The authorized haul route connects to the Ashby Creek Road (county road). The Purchaser is not authorized to use the Bear Creek Road across private lands to access the sale area.
8. The Purchaser has the option of removing non-sawlog (pulp) material at the rate of $1.00/ton.
## HEYERS GULCH TIMBER SALE

### Timber Sale Cruise Data

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PP</th>
<th>DF</th>
<th>WL</th>
<th>LP</th>
<th>ES</th>
<th>WF</th>
<th>CE</th>
<th>WP</th>
<th>Dead</th>
<th>TOTAL or AVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Bid</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>$6.77/ton</strong></td>
</tr>
<tr>
<td>Pounds per cubic foot</td>
<td>62</td>
<td>62</td>
<td>58</td>
<td>56</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>40.0</td>
<td></td>
</tr>
<tr>
<td>Estimated tons of sawlogs (5.6&quot; top DIB)</td>
<td>316</td>
<td>6,982</td>
<td>178</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>7,476 tons</strong></td>
</tr>
<tr>
<td>Estimated tons of other material (pulp, etc)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0 tons</td>
</tr>
<tr>
<td>Gross MBF (Scribner 5.6&quot; top DIB)</td>
<td>59</td>
<td>1,332</td>
<td>46</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>1,437 MBF</strong></td>
</tr>
<tr>
<td>% Cull and Breakage</td>
<td>17.6</td>
<td>19.3</td>
<td>23.9</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>19.4%</strong></td>
</tr>
<tr>
<td>Net MBF (Scribner 5.6&quot; top DIB)</td>
<td>49</td>
<td>1,074</td>
<td>35</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>1,158 MBF</strong></td>
</tr>
<tr>
<td>Average logs per MBF</td>
<td>8.6</td>
<td>14.6</td>
<td>7.8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>14.1 logs/MBF</strong></td>
</tr>
<tr>
<td>Average DBH</td>
<td>17.39</td>
<td>14.39</td>
<td>18.33</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>14.5 in.</strong></td>
</tr>
</tbody>
</table>

- Average tons per acre harvested in leave-tree marked units: 37 tons/ac
- Average tons per acre harvested in cut-tree-marked units: 0 tons/ac
- Average MBF to cut per acre on the timber sale: 5.7 MBF/ac
- Range of cut trees per acre based on unit cruise: 40-54 TPA
- Calculated Sampling Error: Total cruised volume will fall between 964 and 1352 net MBF in 9 out of 10 cruises: **16.8%**

### Tons Per Thousand Board Feet

- **7,476 estimated tons to a 5.6 inch top / 1,158 Net MBF Scribner to a 5.6 inch top DIB**
- **6.46 tons/MBF**

### Contract Information

- **Contract ending date**: 11/1/2018
- **Contract length**: 41 months
- **Operating Season**: June 15 through October 15 and December 1 through March 1.
## Logging Information

| % of volume logged by clearcut or seed tree cut | 00% |
| % of volume logged with tractors | 48% |
| % of volume logged by ground lead (jammer) | 00% |
| % of volume logged by skyline | 52% |
| Yarding distance tractor (average) | 575 ft. |
| Yarding distance ground lead (average) | 0 ft. |
| Yarding distance skyline (average) | 600 ft. |
| Estimated haul distance (paved) | 30.0 miles |
| Estimated haul distance (unpaved) | 27.5 miles |

## Purchaser fees and estimated costs

| Forest Improvement fee perMBF | $22.72/MBF |
| Forest Improvement fee per ton | $3.52/ton |
| Forest Improvement fee estimated total | $26,315.52 |
| Forest Improvement fee quarterly installment | $4,385.92 |
| Estimated Purchaser-do FI total $ | $1,400 |
| Estimated Purchaser-do FI per ton | $0.19/ton |
| Estimated Purchaser-do slash disposal work total | $4,060.00 |
| Estimated Purchaser-do slash disposal work per ton | $0.54/ton |
| Bid Guarantee (total $) | $2,531.00 |
| Performance Bond | 20% of bid value |

## Road development and maintenance fees and estimates

| Estimated road development cost total | $105,602 |
| Estimated road development cost per ton | $14.13/ton |
| Estimated road development cost perMBF | $91.19/MBF |
| Estimated Purchaser-do road maintenance cost total | $17,129 |
| Estimated Purchaser-do road maintenance cost per ton | $2.29/ton |
| Private road maintenance charges per ton | $0.00/ton |
| USFS road maintenance charges per ton | $0.00/ton |
| Miles of road construction | 3.9 miles |
| Miles of road reconstruction | 0.3 miles |
| Miles of road with site improvements | 18.4 miles |
| Miles of road reclamation or abandonment | 0.0 miles |
| Miles of road maintenance and blading | 27.5 miles |

## Unit harvest volume

<table>
<thead>
<tr>
<th>Unit #</th>
<th>Acres</th>
<th>Est Tons</th>
<th>Est MBF</th>
<th>Harvest date</th>
</tr>
</thead>
<tbody>
<tr>
<td>C-1</td>
<td>80</td>
<td>2,540</td>
<td>396</td>
<td>September 1, 2018</td>
</tr>
<tr>
<td>C-2</td>
<td>12.7</td>
<td>402</td>
<td>63</td>
<td>September 1, 2018</td>
</tr>
<tr>
<td>C-3</td>
<td>12.8</td>
<td>407</td>
<td>63</td>
<td>September 1, 2018</td>
</tr>
<tr>
<td>C-4</td>
<td>16.9</td>
<td>537</td>
<td>83</td>
<td>September 1, 2018</td>
</tr>
<tr>
<td>T-1</td>
<td>3.4</td>
<td>152</td>
<td>23</td>
<td>September 1, 2018</td>
</tr>
<tr>
<td>T-2</td>
<td>1.2</td>
<td>53</td>
<td>8</td>
<td>September 1, 2018</td>
</tr>
<tr>
<td>T-3</td>
<td>38.5</td>
<td>1,714</td>
<td>264</td>
<td>September 1, 2018</td>
</tr>
<tr>
<td>T-4</td>
<td>10.3</td>
<td>459</td>
<td>71</td>
<td>September 1, 2018</td>
</tr>
<tr>
<td>T-5</td>
<td>3.6</td>
<td>160</td>
<td>25</td>
<td>September 1, 2018</td>
</tr>
<tr>
<td>T-6</td>
<td>21.7</td>
<td>966</td>
<td>149</td>
<td>September 1, 2018</td>
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<tr>
<td>T-7</td>
<td>1.9</td>
<td>86</td>
<td>13</td>
<td>September 1, 2018</td>
</tr>
</tbody>
</table>

<p>| 203 Ac. | 7,476 tons | 1,158 MBF |</p>
<table>
<thead>
<tr>
<th>Legal description by trust</th>
<th>Unit harvest volume</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Legal description - subdivisions</strong></td>
<td><strong>Section</strong></td>
</tr>
<tr>
<td>S/2</td>
<td>16</td>
</tr>
<tr>
<td>NWSW</td>
<td>15</td>
</tr>
<tr>
<td>NENW</td>
<td>21</td>
</tr>
<tr>
<td>SWSW</td>
<td>16</td>
</tr>
<tr>
<td>SW</td>
<td>16</td>
</tr>
<tr>
<td>NWSW</td>
<td>16</td>
</tr>
<tr>
<td>SESW</td>
<td>16</td>
</tr>
<tr>
<td>SESW</td>
<td>16</td>
</tr>
<tr>
<td>S/2</td>
<td>16</td>
</tr>
<tr>
<td>NESE</td>
<td>16</td>
</tr>
<tr>
<td>NWSW</td>
<td>15</td>
</tr>
<tr>
<td>SESW</td>
<td>16</td>
</tr>
<tr>
<td>N/2 SW</td>
<td>16</td>
</tr>
<tr>
<td>NWSW</td>
<td>16</td>
</tr>
</tbody>
</table>

**See Instructions for how to fill in this table**

| Totals | 203 Ac. | 7,476 T | 1,158 M |