

PENNSYLVANIA GAME COMMISSION
2001 ELMERTON AVENUE
HARRISBURG, PA 17110-9797
ATTN: FORESTRY DIVISION, BUREAU OF WILDLIFE HABITAT MANAGEMENT

Gentlemen:

In answer to a recent advertisement for lump sum bids on an estimated 941,866 board feet of sawlogs and 1,485 tons of pulpwood located on 166 acres of State Game Lands No. 54, Polk and Snyder Townships, Jefferson County, I offer the following:

\$ _____
(BID QUOTATION MUST BE TYPEWRITTEN OR IN INK)

Full payment will be made when agreements are signed or payment in full for each individual cutting block before cutting operations are started on that block.

It is further understood that an acceptable bond of **\$50,000.00** will be provided to guarantee faithful performance of the agreement.

Removal of timber to be subject to the terms, conditions and stipulations included in the Timber Sale Agreement. It is understood that the contract will run until **October 1, 2018**.

ATTACHED IS **CERTIFIED, CASHIER'S OR TREASURER'S CHECK OR MONEY ORDER, (PERSONAL, COMPANY, CORPORATE CHECK OR CASH ARE NOT ACCEPTED)**, IN THE AMOUNT OF **\$1,000.00** as evidence of good faith in bidding. I understand that it will be forfeited as fully liquidated damages upon my failure within 45 days after presentation to accept and execute the contract and provide a bond as required.

IN CASE OF PARTNERSHIP, EACH PARTNER SIGNS: IF A CORPORATION, THE AUTHORIZED OFFICER MUST SIGN, GIVING HIS/HER TITLE AND NAME OF CORPORATION.

Sincerely yours,

(Tax No. or Social Security No.)

Signature of Bidder - Sign In Ink

(Telephone Number)

Print Name

Firm Name

Street Address (Name, Number, Etc.)

City State Zip

BIDS MUST BE SUBMITTED IN AN ENVELOPE THAT CLEARLY STATES ON THE OUTSIDE: **BID PROPOSAL FOR TIMBER SGL #054 Last Strut Sale**. Bids will be opened in the Bureau of Wildlife Habitat Management, 2001 Elmerton Avenue, Harrisburg, PA 17110-9797, at **2:00 P.M., Monday, June 20, 2016**. The Commission reserves the right to reject any and all bids and to award the contract as deemed to its best interests.

- INSTRUCTIONS TO BIDDERS -

The following information covers details concerning the proposed lump sum sale of an estimated 941,866 board feet of sawlogs and 1,485 tons of pulpwood to be cut from 166 acres of State Game Lands No. 054, Polk and Snyder Townships, Jefferson County.

See attached sheets for additional volume information. The volume and percentages are not guaranteed and each prospective bidder is urged to examine the sale area and bid on the basis of his own estimate.

- SHOW DATE -

Timber will be shown to prospective bidders on **May 19, 2016**. Viewers will be met at the SGL parking area and gate at the entrance to the Empire Ridge road as shown on the sale map, at **1:00 p.m.**, and conducted to the sale area.

The timber to be sold will be clearly designated by Howard Wurzbacher, P. O. Box 31, Franklin, PA 16323, telephone: 1-814-432-3187, the Officer in Charge.

- BIDS -

BIDS SHOULD BE MAILED AT LEAST FOUR (4) WORKING DAYS PRIOR TO BID OPENING TO PERMIT U.S. POSTAL SERVICE DELIVERY. USE SPECIAL MAIL SERVICE IF MAILED LATER THAN FOUR DAYS PRIOR TO BID OPENING. SPECIAL DELIVERY BIDS SHOULD BE ADDRESSED TO: PENNSYLVANIA GAME COMMISSION, FORESTRY DIVISION, 2001 ELMERTON AVENUE, HARRISBURG, PA 17110-9797.

Bids must be submitted in an envelope that clearly states on the outside: **BID PROPOSAL FOR TIMBER. SGL #054 Last Strut Sale.** Bids received in envelopes not containing this information will be rejected.

In order to be considered, the bid shall be accompanied by a **CERTIFIED, CASHIER'S OR TREASURER'S CHECK, OR A BANK, POSTAL OR EXPRESS MONEY ORDER**, payable to the Pennsylvania Game Commission in the amount of **\$1,000.00**, as evidence of good faith in bidding, to be forfeited as fully liquidated damages upon the bidders failure to accept the award, execute the contract and give bond as required. Bid deposits will be returned to the unsuccessful bidder when the contract has been executed and a satisfactory performance deposit has been furnished.

In lieu of bid deposit, bidders may submit an open bid bond to cover the deposit requirement. Any bid bond must be filed for an annual period and both the amount of bond and the surety shall receive prior approval of the Pennsylvania Game Commission.

The Commission reserves the right to reject any and all bids and to award the contract as deemed to its best interests.

Bids will be opened in the Bureau of Wildlife Habitat Management, 2001 Elmerton Avenue, Harrisburg, Pennsylvania 17110-9797, at 2:00 P.M., **Monday, June 20, 2106**, telephone: 717/787-2039. **BIDS RECEIVED LATER THAN 2:00 P.M., THIS DATE, WILL BE REJECTED.**

- PERFORMANCE DEPOSIT -

A performance bond in the amount of **\$50,000.00** will be required in the form of a Certified Check or a Postal Money Order drawn to the order of the Pennsylvania Game Commission. Negotiable securities, including assignment of a bank savings account may be furnished in lieu of above. A bond with corporate surety approved by the Attorney General, or a bank Irrevocable Letter of Credit, may be posted provided the bond has an expiration date a minimum of 1 year beyond the expiration date of the timber contract.

- EXPIRATION OF CONTRACT -

Contract will expire **October 1, 2018**.

- PAYMENTS -

The sale is divided into 7 cutting blocks. Payment may be made by:

1. Total payment when agreement is signed.
- or
2. Payment by individual block or blocks.

- 1 – 40% - 55 acres
- 2 – 5% - 6 acres
- 3 – 15% - 23 acres
- 4 – 5% - 12 acres
- 5 – 5% - 27 acres
- 6 – 5% - 7 acres
- 7 – 25% - 36 acres

Payment for Block 3 (15% of bid price) is due at contract execution.

- ANTI DISCRIMINATION -

The contractor awarded the Timber Sale Agreement agrees he will not discriminate against any employee or other persons on account of race, sex, creed, age, ancestry or national origin.

- SAFETY and ENVIRONMENTAL PROTECTION –

The Buyer, his employees and sub-contractors are expected to perform all logging operations in a safe manner as required by applicable laws and regulations. The Commission expects the Buyer to ensure that logging crewmembers dress in protective attire, and perform their duties with equipment in accordance with standards established by the logging industry and the Occupational Safety and Health Administration (OSHA).

The PGC recommends that logging crews working on State Game Lands be trained in safe logging techniques and sound environmental logging practices through a formal training program such as the one provided by the Pennsylvania Sustainable Forestry Initiative (PA SFI) or another similar program.

Contractor must comply with the erosion and sediment control plan for disturbed areas that is included as a part of the timber contract.

- SPECIAL PROVISIONS -

See five Attached Sheet(s).

SPECIAL PROVISIONS FOR THE LAST STRUT SALE

S.G.L. # 54 T.S. # 054-15-02

1) ADMINISTRATIVE ITEMS

- a) This timber sale consists of 7 blocks and has an estimated 941,866 board feet and 1,485 tons of pulpwood across 166 acres.
- b) This project will aim to diversify the forest habitat by providing early successional stage forest, manipulating forest structure, and promoting healthy desirable trees. The silvicultural treatments prescribed for this sale will provide immediate early successional forests, prepare areas for a later early successional treatment, and prepare stands for regeneration.
- c) **Payment for Block 3 (15% of bid price) is due at contract execution.**

2) BOUNDARIES, BLOCKS, AND CUTTING INSTRUCTIONS

- a) Timber sale boundaries are marked by two blue stripes and gameland boundaries are designated with white blazes.
- b) **All trees except for trees marked with red paint must be cut in Blocks 1, 4 & 5.**
- c) **All trees except for trees marked with blue paint must be cut in Blocks 2, 3, 6 & 7.**
- d) Snags are to be left standing unless they present a safety hazard. Any reserved trees that are felled for safety reasons must be left at the stump.
- e) Game Land boundary, roads, herbaceous openings and spring runs are to be kept free of tops.
- f) All stumps must be cut lower than 12" ground height.
- g) Cull portions of the tree are to be left at the stump. All logs and pulpwood are to be marked to length in the woods to eliminate short ends at the landings.
- h) Extra caution should be taken to avoid felling damage or skidding damage to reserved trees.
- i) Except for the contractor, no persons shall be permitted to cut or remove firewood.

3) US / STATE / LOCAL ROADS

- a) The contractor will need to use SR 1010 (Game School Road). For information about weight limits and permits, contact the PennDOT District 10 Office at 724-357-2800.
- b) Timber is to be trucked to SR 1010 on gameland road R54-39, as shown on the sale map.

4) GAME LAND ROADS TO BUILD / IMPROVE

Total distance of roads to improve and maintain is approximately 29,060 feet or 5.5 miles.

a) General Road Specs

- 1. The contractor will be required to maintain the gameland roads throughout operations on the sale. This may require application of stone. The Regional Forester will have final

determination if and where stone may be needed on the roadways. Stone is available from pits on the gameland, as shown on the sale maps.

2. Where needed, all roadways must be graded at the conclusion of use. Total potential distance of roads to grade and maintain is approximately 29,060 feet or 5.5 miles. Ditches and other drainage structures must be opened and re-established where needed. The operator must clean out culvert catch basins and tail ditches with a backhoe or excavator. Roads must also be crowned to drain all water into the ditches and culverts. Existing culvert marker posts are to be replaced if they are disturbed by culvert clean-outs or installations.
3. Gates are to be kept closed and locked at all times except when the contractor is present on the site.

b) Road to Block 1

1. The existing gameland road shown on the sale map to Block 1 is to be maintained for a distance of approximately 3,600 feet or 0.68 miles.
2. The operator must install ten (10) smooth bore, double-walled plastic culverts in this roadway. Culverts must have adequate tail ditches and catch basins. Culverts needed are as follows:

Ten (10) 18" diameter by 30' length

The new culverts must be set in a minimum of 4" of compacted 2RC gravel and covered with an additional 1' of compacted 2RC gravel. This will require 20 tons of 2RC for each culvert for a total of 200 tons of 2RC for all ten installations. This gravel is not available on the gameland. It must be purchased off-site and delivered. The culvert locations must be coordinated with PGC forestry personnel during installation.

3. The operator must then apply stone to the roadway to a depth of 1' for a width of 12' for a total linear distance of 3,600 feet. A total of 3400 tons of stone will be required. Stone is available from a pit on the gameland, as shown on the sale map. The closest pit is located approximately 1,600 feet away from the application location. The operator must use a bulldozer to shape and grade the roadway as the stone is applied. The operator must then use a vibratory road roller (min. 10 tons) to further compact and shape the stone after application.

c) Road to Block 5

1. The operator will be required to improve and maintain an existing gameland road from the intersection with Empire Ridge Road for a distance of approximately 4,200 feet or 0.8 mile.
2. The operator must replace/install one (1) smooth bore, double-walled plastic culvert in this roadway. Culvert needed is as follows:

One (1) 18" diameter by 24' length

The new culvert must be set in a minimum of 4" of compacted 2RC gravel and covered with an additional 1' of compacted 2RC gravel. This will require 20 tons of 2RC for the installation. This gravel is not available on the gameland. It must be purchased off-site and delivered. The culvert installation location is identified by orange paint on a tree immediately near the site. The old culvert must be removed for disposal from the gameland by the operator.

3. The operator must then apply stone to the roadway to a depth of 1' for a width of 12' at three (3) locations. A total of 200 tons of stone will be required. Stone is available from a pit on the gameland, as shown on the sale map. The sites to be stoned will be identified by PGC forestry personnel. The operator must use a bulldozer to shape and grade the roadway as

the stone is applied. The operator must then use a vibratory road roller (min. 10 tons) to further compact and shape the stone after application.

5) **LANDINGS**

- a) All landings are to be approved by the officer-in-charge. Main landing locations are designated on the sale map.
- b) Logging debris is to be kept to a minimum. All logs and pulpwood are to be marked to length in the woods to eliminate short ends at the landings.
- c) All excessive logging debris on the remaining landings is to be removed from the game lands by the operator at the conclusion of the sale.
- d) At the conclusion of the sale, all landings are to be leveled, cleared of debris, and seeded according to specifications outlined in Section 7 below.

6) **SKIDDING**

- a) Skid trails will be designated by PGC forestry personnel. Existing trails are to be used for skidding and must be left open and level.
- b) The operator will need to construct bulldozed skid trails in Block 5 prior to logging. This must be coordinated with PGC forestry personnel.
- c) An above ground gas pipeline is located in Blocks 4 & 5, as shown on the sale map. The operator must contact Seneca Resources and coordinate an on-site meeting prior to logging activities.
Contact information is as follows:
National Fuel Seneca Resources Corp
51 Zents Blvd.
Brookville, PA 15825
814-849-4555
- d) Sections of gameland roads/trails will be utilized for skidding in Blocks 3, 4 & 5. These areas must be seeded after use according to specifications outlined below in Section 7.
- e) No skidding across small drainages will be permitted without the use of temporary bridges and permission from the Regional Forester.
- f) Skidders are to be kept off of haul roads as much as possible.
- g) If skid trails are to sit idle for one month or more they are to have water bars added.
- h) Main skid trails are to be leveled, open and have water bars added at the conclusion of the sale.

7) **SEEDING OF ROADWAYS AND LANDINGS**

- a) At the conclusion of the sale, all landings, stone pits, main skid roads in Blocks 3, 4 & 5 to the landing locations, and disturbed areas along gameland roads are to be leveled, cleared of rocks and debris and seeded according to the following:

6 lbs. per acre of White Dutch Clover - Inoculated Seed
10 lbs. per acre of Crimson Clover - Inoculated Seed
25 lbs. per acre of Wheat

Lime 4 tons per acre.
Fertilizer - 300 lbs. per acre of 10-20-20

Approximately 3.0 acres are to be seeded at the conclusion of the sale.

- b) Straw mulch will be required at a rate of 2.5 tons per acre or 100 bales per acre.
- c) Regional Forester is to be notified prior to the application of lime, seed, fertilizer, and mulch.
- d) All other bulldozed skid trails are to be seeded with wheat or oats.
- e) Guaranteed catch of cover must be obtained before the bond will be released.

8) OPERATIONS AND NON-WORK DAYS

- a) No woods operation will be permitted on the following days:
 - 1. All Saturdays in the months of October, November, December, and January.
 - 2. The opening day and all Saturdays during spring turkey season, including the youth spring gobbler hunt.
 - 3. All the days of the general statewide bear season
 - 4. The entire 2 weeks of the general firearms deer season
 - 5. The opening day of the flintlock muzzleloader season

No woods operation will be permitted from **March 1 to May 15** without the permission of the officer-in-charge.

- b) The contractor, employees, and sub-contractors may not hunt to, from, or at the job site when the work location is beyond a gated road that is closed to public traffic. The contractor may travel to and from the work location on no-work days to check on the condition of equipment.
- c) ***Except on Sundays, it is unlawful to be present on State Game Lands from November 15 through December 15 inclusive when not engaged in lawful hunting or trapping and fail to wear a minimum of 250 square inches of daylight fluorescent-orange material on the head, chest, and back combined, or in lieu thereof, a hat of the same colored material. The material shall be worn so it is visible in a 360-degree arc.***

9) MISCELLANEOUS

- a) Operator must comply with the erosion and sedimentation control plan for the area.
- b) Extra caution should be taken to avoid felling damage or skidding damage to reserved trees.
- c) Nobody will be allowed to get firewood from the sale area unless they are an employee of the company actively working on the sale.
- d) All existing trails and at least one main skid trail are to be kept open as hunter access in each block.
- e) **Payment for Block 3 (15% of bid price) is due at contract execution.**
- f) *Violation of contract provisions by the operator may subject the operator or its employees or contractors to fine based on Title 58 regulations.*

10) PA RIGHT TO KNOW PROVISIONS

CONTRACT PROVISIONS – RIGHT TO KNOW LAW

- a. The Pennsylvania Right-to-Know Law, 65 P.S. §§ 67.101-3104, applies to this contract.
- b. Unless the Contractor provides the Commonwealth, in writing, with the name and contact information of another person, the agency shall notify the Contractor using the Contractor information provided by the Contractor in SRM [or “the legal contact information provided in this contract”] if the agency needs the Contractor’s assistance in any matter arising out of the Right to Know Law (“RTKL”). The Contractor shall notify the agency in writing of any change in the name or the contact information within a reasonable time prior to the change.
- c. Upon notification from the Commonwealth that the Commonwealth requires the Contractor’s assistance in responding to a RTKL request for records in the Contractor’s possession, the Contractor shall provide the Commonwealth, within fourteen (14) calendar days after receipt of such notification, access to, and copies of, any document or information in the Contractor’s possession which arises out of the contract that the Commonwealth requests (“Requested Information”) and provided such other assistance as the Commonwealth may request in order to comply with the RTKL. If the Contractor fails to provide the Requested Information within fourteen (14) calendar days after receipt of such request, the Contractor shall indemnify and hold the Commonwealth harmless for any damages, penalties, detriment or harm that the Commonwealth may incur as a result of the Contractor’s failure, including any statutory damages assessed against the Commonwealth.
- d. The Commonwealth’s determination as to whether the Requested Information is a public record is dispositive of the question as between the parties. Contractor agrees not to challenge the Commonwealth’s decision to deem the Requested Information a Public Record. If the Contractor considers the Requested Information to include a request for a Trade Secret or Confidential Proprietary Information, as those terms are defined by the RTKL, the Contractor will immediately notify the Commonwealth, and will provide a written statement signed by a representative of the Contractor explaining why the requested material is exempt from public disclosure under the RTKL within seven (7) calendar days of receiving the request. If, upon review of the Contractor’s written statement, the Commonwealth still decides to provide the Requested Information, Contractor will not challenge or in any way hold the Commonwealth liable for such a decision.
- e. The Commonwealth will reimburse the Contractor for any costs associated with complying with this provision only to the extent allowed under the fee schedule established by the Office of Open Records or as otherwise provided by the RTKL if the fee schedule is inapplicable.
- f. Contractor agrees to abide by any decision to release a record to the public made by the Office of Open Records, or by the Pennsylvania Courts. The Contractor agrees to waive all rights or remedies that may be available to it as a result of the Commonwealth’s disclosure of Requested Information pursuant to the RTKL. Contractor’s duties relating to the RTKL are continuing duties that survive the expiration of this contract and shall continue as long as the Contractor has Requested Information in its possession.

**LOGGING COSTS FOR THE LAST STRUT SALE
S.G.L. # 54**

A.	ROAD TO BLOCK 1		
	Culvert costs & installation		\$ 8,500
	200 tons of 2RC gravel for culverts		\$ 3,000
	Apply & roll 3400 tons of stone		<u>\$ 34,000</u>
		Sub-Total	\$ 45,500
B.	ROAD TO BLOCK 5		
	Culvert cost & installation		\$ 850
	20 tons of 2RC gravel for culverts		\$ 300
	Apply & roll 200 tons of stone		<u>\$ 2,000</u>
		Sub-Total	\$ 3,150
C.	SKIDDING		
	Construct bulldozed skid trails in Block 5	Sub-Total	\$ 2,000
D.	CLEANUP		
	Final road grading (5.5 miles possible)		\$ 4,000
	Skid trail and landing cleanup		<u>\$ 3,500</u>
		Sub-Total	\$ 7,500
D.	SEEDING (3 acres)	Sub-Total	\$ 6,300
		TOTAL	\$ 64,450

The above logging costs are not guaranteed, but they are our best estimate and may vary according to different contractors. The bidder should devise their costs using this sheet for assistance only in formulating their own costs.

PA GAME COMMISSION TIMBER SALE BLOCK SUMMARY

SALE NAME THE LAST STRUT
 BLOCK NO. 1,2,3,4,5,6,7
 COUNTY Jefferson
 TOWNSHIP Polk

SGL NO. 54
 FORESTER DAVE SMERKAR JR
 DATE 3/18/2016
 ACRES 166

Species		YELLOW- POPLAR	BLACK CHERRY	RED MAPLE	BIRCH	WHITE ASH	SUGAR MAPLE	AM. BEECH	MISC HW					Totals
Form Class		81	83	83	82	82	81	84	79					
Block No.	Acres	<i>Board Foot Volume - Girard & Mesavage Scribner Rule</i>												
1	55	248,341	111,832	30,668	6,577	315	193	648	0					398,574
2	6	16,980	5,797	1,039	209	0	0	0	0					24,025
3	23	55,061	54,014	13,401	78	0	0	0	0					122,554
4	12	34,820	9,421	17,314	908	1,888	320	0	0					64,671
5	27	16,946	8,738	33,201	8,156	1,719	414	0	48					69,222
6	7	35,252	21,566	5,599	0	0	0	0	0					62,417
7	36	49,702	73,438	76,840	0	324	99	0	0					200,403
Totals	166	457,102	284,806	178,062	15,928	4,246	1,026	648	48					941,866
No. of Trees		1,562	1,203	1,284	194	35	20	8	1					4,307
AVG. Bd.ft./Tree		293	237	139	82	121	51	81	48					219
No. of Culls		29	32	20	13	1	0	0	0					95

<i>Pulpwood Volume</i>					
Block No.	Acres	Cords/ Acre	Tons/ Acre	Total Cords	Total Tons
1	55	6	13	304	699
2	6	1	1	3	7
3	23	0	0	4	8
4	12	7	16	85	196
5	27	9	20	234	538
6	7	0	0	0	1
7	36	0	1	15	36
				646	1,485

Comments: All volumes listed are estimates.

All trees are to be cut except for trees marked with *blue paint* in Blocks 2,3,6 & 7.

All trees are to be cut except for trees marked with *red paint* in Blocks 1,4 & 5.

Boundary trees marked with two blue stripes between Blocks 6 & 7 are to be cut and are tallied with Block 7.

PA GAME COMMISSION TIMBER SALE SUMMARY

SALE NAME THE LAST STRUT
 BLOCK NUMBER(S) 1,2,3,4,5,6,7
 COUNTY Jefferson
 TOWNSHIP Polk

SGL NO. 54
 FORESTER DAVE SMERKAR JR
 DATE 3/18/2016
 ACRES 166

VOLUME TABLE - Girard & Mesavage Scribner Rule

All volumes listed are estimates

BOARD FOOT VOLUME

SPECIES	FORM CLASS	NO. OF TREES		BD.FT.VOL.	VOL.BD.FT. PER TREE	% BY VOLUME	VOLUME BY ACRE
		MERCH.	CULLS				
YELLOW-POPLAR	81	1,562	29	457,102	293	48.5	2,754
BLACK CHERRY	83	1,203	32	284,806	237	30.2	1,716
RED MAPLE	83	1,284	20	178,062	139	18.9	1,073
BIRCH	82	194	13	15,928	82	1.7	96
WHITE ASH	82	35	1	4,246	121	0.5	26
SUGAR MAPLE	81	20	0	1,026	51	0.1	6
AM. BEECH	84	8	0	648	81	0.1	4
MISC HW	79	1	0	48	48	0.0	0
TOTALS		4,307	95	941,866	219	100	5,675

CUBIC FOOT VOLUME

SPECIES	NO. OF TREES		CU.FT.VOL.	% BY VOLUME	VOLUME BY ACRE		
	MERCH.	CULL			CU.FT.	CORDS	TONS
RED MAPLE	1,673	250	22,890	47.3	138	1.8	4.2
BIRCH	565	159	9,853	20.4	59	0.8	1.8
SUGAR MAPLE	430	464	4,019	8.3	24	0.3	0.7
YELLOW-POPLAR	525	51	8,512	17.6	51	0.7	1.6
AM. BEECH	158	185	601	1.2	4	0.0	0.1
BLACK CHERRY	103	2	1,586	3.3	10	0.1	0.3
WHITE ASH	45	0	952	2.0	6	0.1	0.2
MISC HW	0	32	0	0.0	0	0.0	0.0
TOTALS	3,498	1,144	48,414	100	292	3.9	8.9

Total trees less than or equal to 4" dbh to be cut: 3,101

Comments:

PA GAME COMMISSION TIMBER SALE STAND AND STOCK TABLE

SALE NAME THE LAST STRUT
 BLOCK NO. 1,2,3,4,5,6,7
 COUNTY Jefferson
 TOWNSHIP Polk

SGL NO. 54
 FORESTER DAVE SMERKAR JR
 DATE 3/18/2016
 ACRES 166

Sawtimber Trees												
SPECIES DBH	YELLOW- POPLAR	BLACK CHERRY	RED MAPLE	BIRCH	WHITE ASH	SUGAR MAPLE	AM. BEECH	MISC HW				Total
10"	0	0	0	0	0	1	0	0				1
12"	111	84	204	41	3	10	1	1				455
14"	223	189	338	72	11	5	3	0				841
16"	257	252	297	45	10	3	4	0				868
18"	252	247	227	26	9	0	0	0				761
20"	230	169	116	8	2	1	0	0				526
22"	214	149	66	2	0	0	0	0				431
24"	146	67	25	0	0	0	0	0				238
26"	59	27	8	0	0	0	0	0				94
28"	41	12	3	0	0	0	0	0				56
30"	17	4	0	0	0	0	0	0				21
32"	5	1	0	0	0	0	0	0				6
34"	4	1	0	0	0	0	0	0				5
36"	1	1	0	0	0	0	0	0				2
38"	1	0	0	0	0	0	0	0				1
40" +	1	0	0	0	0	0	0	0				1
Total	1,562	1,203	1,284	194	35	20	8	1	0	0	0	4,307

Sawtimber Volume (bdf.)												
10"	0	0	0	0	0	0	0	0				0
12"	5,186	4,087	9,053	1,672	136	377	35	48				20,594
14"	22,707	19,786	27,515	5,108	764	288	213	0				76,381
16"	45,445	43,052	38,823	4,557	1,161	262	400	0				133,700
18"	65,085	57,850	41,380	3,137	1,641	0	0	0				169,093
20"	76,327	52,061	28,080	1,112	544	99	0	0				158,223
22"	88,001	56,418	19,783	342	0	0	0	0				164,544
24"	70,105	28,533	8,724	0	0	0	0	0				107,362
26"	34,851	12,698	3,011	0	0	0	0	0				50,560
28"	26,399	6,020	1,693	0	0	0	0	0				34,112
30"	12,537	2,583	0	0	0	0	0	0				15,120
32"	4,749	281	0	0	0	0	0	0				5,030
34"	2,729	795	0	0	0	0	0	0				3,524
36"	1,326	642	0	0	0	0	0	0				1,968
38"	1,237	0	0	0	0	0	0	0				1,237
40" +	418	0	0	0	0	0	0	0				418
Total	457,102	284,806	178,062	15,928	4,246	1,026	648	48	0	0	0	941,866

Pulpwood Trees												
SPECIES DBH	RED MAPLE	BIRCH	SUGAR MAPLE	YELLOW- POPLAR	AM. BEECH	BLACK CHERRY	WHITE ASH	MISC HW				Total
6"	353	108	504	52	316	3	0	0				1,336
8"	614	180	311	141	28	61	0	32				1,367
10"	520	186	52	270	0	20	22	0				1,070
12"	297	175	0	79	0	14	13	0				576
14"	89	60	28	18	0	1	11	0				206
16"	44	15	0	16	0	7	0	0				82
18"	3	0	0	0	0	0	0	0				3
20" +	2	0	0	0	0	0	0	0				2
Total	1,923	724	894	576	344	105	45	32	0	0	0	4,642

Pulpwood Volume (cuft.)												
6"	507	0	531	3	601	3	0	0				1,645
8"	3,913	1,203	1,732	1,072	0	463	0	0				8,384
10"	6,891	2,379	791	4,233	0	320	301	0				14,916
12"	6,438	3,860	0	1,821	0	387	311	0				12,817
14"	2,806	1,771	965	651	0	43	341	0				6,577
16"	1,994	639	0	731	0	370	0	0				3,734
18"	179	0	0	0	0	0	0	0				179
20" +	162	0	0	0	0	0	0	0				162
Total	22,890	9,853	4,019	8,512	601	1,586	952	0	0	0	0	48,414

PA GAME COMMISSION TIMBER SALE SUMMARY

SALE NAME THE LAST STRUT
 BLOCK NO. 1
 COUNTY Jefferson
 TOWNSHIP Polk

SGL NO. 54
 FORESTER DAVE SMERKAR JR
 DATE 3/18/2016
 ACRES 55

VOLUME TABLE - Girard & Mesavage Scribner Rule

All volumes listed are estimates

BOARD FOOT VOLUME

SPECIES	FORM CLASS	NO. OF TREES		BD.FT.VOL.	VOL.BD.FT. PER TREE	% BY VOLUME	VOLUME BY ACRE
		MERCH.	CULLS				
YELLOW-POPLAR	81	972	22	248,341	255	62.3	4,515
BLACK CHERRY	83	577	18	111,832	194	28.1	2,033
RED MAPLE	83	327	6	30,668	94	7.7	558
BIRCH	82	90	11	6,577	73	1.7	120
WHITE ASH	82	4	0	315	79	0.1	6
SUGAR MAPLE	81	6	0	193	32	0.0	4
AM. BEECH	84	8	0	648	81	0.2	12
MISC HW	79	0	0	0	0	0.0	0
TOTALS		1,984	57	398,574	201	100	7,248

CUBIC FOOT VOLUME

SPECIES	NO. OF TREES		CU.FT.VOL.	% BY VOLUME	VOLUME BY ACRE		
	MERCH.	CULL			CU.FT.	CORDS	TONS
RED MAPLE	739	246	7,624	33.4	139	1.8	4.3
BIRCH	301	128	4,904	21.5	89	1.2	2.7
SUGAR MAPLE	336	406	3,013	13.2	55	0.7	1.7
YELLOW-POPLAR	414	50	5,668	24.9	103	1.4	3.2
AM. BEECH	100	128	397	1.7	7	0.1	0.2
BLACK CHERRY	59	0	878	3.9	16	0.2	0.5
WHITE ASH	13	0	311	1.4	6	0.1	0.2
MISC HW	0	0	0	0.0	0	0.0	0.0
TOTALS	1,961	959	22,796	100	415	5.5	12.7

Total trees less than or equal to 4" dbh to be cut: 1,800

Comments:
Shelterwood

PA GAME COMMISSION TIMBER SALE STAND AND STOCK TABLE

SALE NAME THE LAST STRUT
 BLOCK NO. 1
 COUNTY Jefferson
 TOWNSHIP Polk

SGL NO. 54
 FORESTER DAVE SMERKAR JR
 DATE 3/18/2016
 ACRES 55

Sawtimber Trees												
SPECIES DBH	YELLOW- POPLAR	BLACK CHERRY	RED MAPLE	BIRCH	WHITE ASH	SUGAR MAPLE	AM. BEECH	MISC HW				Total
10"	0	0	0	0	0	1	0	0				1
12"	94	75	98	28	0	4	1	0				300
14"	162	147	115	34	2	1	3	0				464
16"	204	161	61	18	1	0	4	0				449
18"	181	88	41	8	1	0	0	0				319
20"	149	41	8	1	0	0	0	0				199
22"	86	37	3	1	0	0	0	0				127
24"	68	15	0	0	0	0	0	0				83
26"	15	5	1	0	0	0	0	0				21
28"	11	4	0	0	0	0	0	0				15
30"	1	3	0	0	0	0	0	0				4
32"	0	1	0	0	0	0	0	0				1
34"	0	0	0	0	0	0	0	0				0
36"	1	0	0	0	0	0	0	0				1
38"	0	0	0	0	0	0	0	0				0
40" +	0	0	0	0	0	0	0	0				0
Total	972	577	327	90	4	6	8	0	0	0	0	1,984

Sawtimber Volume (bdf.)												
DBH	YELLOW- POPLAR	BLACK CHERRY	RED MAPLE	BIRCH	WHITE ASH	SUGAR MAPLE	AM. BEECH	MISC HW				Total
10"	0	0	0	0	0	0	0	0				0
12"	4,471	3,676	4,193	1,156	0	147	35	0				13,678
14"	17,031	15,775	9,853	2,426	126	46	213	0				45,470
16"	37,212	29,375	7,384	1,767	106	0	400	0				76,244
18"	48,937	22,382	7,054	909	83	0	0	0				79,365
20"	51,733	13,396	1,192	103	0	0	0	0				66,424
22"	37,292	14,552	672	216	0	0	0	0				52,732
24"	33,547	6,430	0	0	0	0	0	0				39,977
26"	9,151	2,189	320	0	0	0	0	0				11,660
28"	7,065	1,629	0	0	0	0	0	0				8,694
30"	576	2,147	0	0	0	0	0	0				2,723
32"	0	281	0	0	0	0	0	0				281
34"	0	0	0	0	0	0	0	0				0
36"	1,326	0	0	0	0	0	0	0				1,326
38"	0	0	0	0	0	0	0	0				0
40" +	0	0	0	0	0	0	0	0				0
Total	248,341	111,832	30,668	6,577	315	193	648	0	0	0	0	398,574

Pulpwood Trees												
SPECIES DBH	RED MAPLE	BIRCH	SUGAR MAPLE	YELLOW- POPLAR	AM. BEECH	BLACK CHERRY	WHITE ASH	MISC HW				Total
6"	350	100	500	50	200	0	0	0				1,201
8"	366	113	197	141	28	28	0	0				872
10"	162	126	18	252	0	18	0	0				576
12"	100	63	0	13	0	13	13	0				200
14"	0	28	28	9	0	0	0	0				64
16"	7	0	0	0	0	0	0	0				7
18"	0	0	0	0	0	0	0	0				0
20" +	0	0	0	0	0	0	0	0				0
Total	985	429	743	465	228	59	13	0	0	0	0	2,920

Pulpwood Volume (cuft.)												
DBH	RED MAPLE	BIRCH	SUGAR MAPLE	YELLOW- POPLAR	AM. BEECH	BLACK CHERRY	WHITE ASH	MISC HW				Total
6"	501	0	527	0	397	0	0	0				1,425
8"	2,352	710	1,247	1,072	0	227	0	0				5,609
10"	2,111	1,850	275	3,952	0	290	0	0				8,478
12"	2,319	1,478	0	309	0	361	311	0				4,777
14"	0	866	965	335	0	0	0	0				2,167
16"	341	0	0	0	0	0	0	0				341
18"	0	0	0	0	0	0	0	0				0
20" +	0	0	0	0	0	0	0	0				0
Total	7,624	4,904	3,013	5,668	397	878	311	0	0	0	0	22,796

PA GAME COMMISSION TIMBER SALE SUMMARY

SALE NAME THE LAST STRUT
 BLOCK NO. 2
 COUNTY Jefferson
 TOWNSHIP Snyder

SGL NO. 54
 FORESTER DAVE SMERKAR JR
 DATE 3/25/2016
 ACRES 6

VOLUME TABLE - Girard & Mesavage Scribner Rule

All volumes listed are estimates

BOARD FOOT VOLUME

SPECIES	FORM CLASS	NO. OF TREES		BD.FT.VOL.	VOL.BD.FT. PER TREE	% BY VOLUME	VOLUME BY ACRE
		MERCH.	CULLS				
YELLOW-POPLAR	81	42	0	16,980	404	70.7	2,830
BLACK CHERRY	83	21	1	5,797	276	24.1	966
RED MAPLE	83	7	0	1,039	148	4.3	173
BIRCH	82	2	0	209	105	0.9	35
WHITE ASH	82	0	0	0	0	0.0	0
SUGAR MAPLE	81	0	0	0	0	0.0	0
AM. BEECH	84	0	0	0	0	0.0	0
MISC HW	79	0	0	0	0	0.0	0
TOTALS		72	1	24,025	334	100	4,004

CUBIC FOOT VOLUME

SPECIES	NO. OF TREES		CU.FT.VOL.	% BY VOLUME	VOLUME BY ACRE		
	MERCH.	CULL			CU.FT.	CORDS	TONS
RED MAPLE	5	0	158	68.2	26	0.4	0.8
BIRCH	2	1	38	16.6	6	0.1	0.2
SUGAR MAPLE	1	4	4	1.5	1	0.0	0.0
YELLOW-POPLAR	1	0	16	6.8	3	0.0	0.1
AM. BEECH	0	0	0	0.0	0	0.0	0.0
BLACK CHERRY	1	0	16	7.0	3	0.0	0.1
WHITE ASH	0	0	0	0.0	0	0.0	0.0
MISC HW	0	0	0	0.0	0	0.0	0.0
TOTALS	10	5	231	100	39	0.5	1.2

Total trees less than or equal to 4" dbh to be cut: 8

Comments:
Clear Cut

PA GAME COMMISSION TIMBER SALE SUMMARY

SALE NAME THE LAST STRUT
 BLOCK NO. 3
 COUNTY Jefferson
 TOWNSHIP Snyder

SGL NO. 54
 FORESTER DAVE SMERKAR JR
 DATE 3/28/2016
 ACRES 23

VOLUME TABLE - Girard & Mesavage Scribner Rule

All volumes listed are estimates

BOARD FOOT VOLUME

SPECIES	FORM CLASS	NO. OF TREES		BD.FT.VOL.	VOL.BD.FT. PER TREE	% BY VOLUME	VOLUME BY ACRE
		MERCH.	CULLS				
YELLOW-POPLAR	81	151	3	55,061	365	44.9	2,394
BLACK CHERRY	83	170	2	54,014	318	44.1	2,348
RED MAPLE	83	73	1	13,401	184	10.9	583
BIRCH	82	1	0	78	78	0.1	3
WHITE ASH	82	0	0	0	0	0.0	0
SUGAR MAPLE	81	0	0	0	0	0.0	0
AM. BEECH	84	0	0	0	0	0.0	0
MISC HW	79	0	0	0	0	0.0	0
TOTALS		395	6	122,554	310	100	5,328

CUBIC FOOT VOLUME

SPECIES	NO. OF TREES		CU.FT.VOL.	% BY VOLUME	VOLUME BY ACRE		
	MERCH.	CULL			CU.FT.	CORDS	TONS
RED MAPLE	8	1	215	80.1	9	0.1	0.3
BIRCH	0	4	0	0.0	0	0.0	0.0
SUGAR MAPLE	0	1	0	0.0	0	0.0	0.0
YELLOW-POPLAR	1	1	3	1.3	0	0.0	0.0
AM. BEECH	0	0	0	0.0	0	0.0	0.0
BLACK CHERRY	4	1	50	18.6	2	0.0	0.1
WHITE ASH	0	0	0	0.0	0	0.0	0.0
MISC HW	0	0	0	0.0	0	0.0	0.0
TOTALS	13	8	268	100	11	0.2	0.4

Total trees less than or equal to 4" dbh to be cut: 4

Comments:
Clear Cut

PA GAME COMMISSION TIMBER SALE STAND AND STOCK TABLE

SALE NAME THE LAST STRUT
 BLOCK NO. 3
 COUNTY Jefferson
 TOWNSHIP Snyder

SGL NO. 54
 FORESTER DAVE SMERKAR JR
 DATE 3/28/2016
 ACRES 23

Sawtimber Trees												
SPECIES DBH	YELLOW- POPLAR	BLACK CHERRY	RED MAPLE	BIRCH	WHITE ASH	SUGAR MAPLE	AM. BEECH	MISC HW				Total
10"	0	0	0	0	0	0	0	0				0
12"	2	0	0	0	0	0	0	0				2
14"	0	3	6	1	0	0	0	0				10
16"	5	7	18	0	0	0	0	0				30
18"	22	50	25	0	0	0	0	0				97
20"	28	42	16	0	0	0	0	0				86
22"	50	29	5	0	0	0	0	0				84
24"	25	26	3	0	0	0	0	0				54
26"	11	10	0	0	0	0	0	0				21
28"	4	2	0	0	0	0	0	0				6
30"	2	1	0	0	0	0	0	0				3
32"	0	0	0	0	0	0	0	0				0
34"	2	0	0	0	0	0	0	0				2
36"	0	0	0	0	0	0	0	0				0
38"	0	0	0	0	0	0	0	0				0
40" +	0	0	0	0	0	0	0	0				0
Total	151	170	73	1	0	0	0	0	0	0	0	395

Sawtimber Volume (bdf.)												
10"	0	0	0	0	0	0	0	0				0
12"	64	0	0	0	0	0	0	0				64
14"	0	294	534	78	0	0	0	0				906
16"	681	1,270	2,231	0	0	0	0	0				4,182
18"	4,912	12,268	4,395	0	0	0	0	0				21,575
20"	8,727	13,273	3,792	0	0	0	0	0				25,792
22"	19,581	10,487	1,540	0	0	0	0	0				31,608
24"	11,013	11,031	909	0	0	0	0	0				22,953
26"	5,832	4,223	0	0	0	0	0	0				10,055
28"	1,831	732	0	0	0	0	0	0				2,563
30"	1,152	436	0	0	0	0	0	0				1,588
32"	0	0	0	0	0	0	0	0				0
34"	1,268	0	0	0	0	0	0	0				1,268
36"	0	0	0	0	0	0	0	0				0
38"	0	0	0	0	0	0	0	0				0
40" +	0	0	0	0	0	0	0	0				0
Total	55,061	54,014	13,401	78	0	0	0	0	0	0	0	122,554

Pulpwood Trees												
SPECIES DBH	RED MAPLE	BIRCH	SUGAR MAPLE	YELLOW- POPLAR	AM. BEECH	BLACK CHERRY	WHITE ASH	MISC HW				Total
6"	2	4	0	2	0	2	0	0				10
8"	0	0	1	0	0	1	0	0				2
10"	2	0	0	0	0	1	0	0				3
12"	2	0	0	0	0	1	0	0				3
14"	1	0	0	0	0	0	0	0				1
16"	1	0	0	0	0	0	0	0				1
18"	0	0	0	0	0	0	0	0				0
20" +	1	0	0	0	0	0	0	0				1
Total	9	4	1	2	0	5	0	0	0	0	0	21

Pulpwood Volume (cuft.)												
6"	6	0	0	3	0	3	0	0				12
8"	0	0	0	0	0	7	0	0				7
10"	13	0	0	0	0	14	0	0				27
12"	41	0	0	0	0	25	0	0				66
14"	30	0	0	0	0	0	0	0				30
16"	43	0	0	0	0	0	0	0				43
18"	0	0	0	0	0	0	0	0				0
20" +	83	0	0	0	0	0	0	0				83
Total	215	0	0	3	0	50	0	0	0	0	0	268

PA GAME COMMISSION TIMBER SALE SUMMARY

SALE NAME THE LAST STRUT
 BLOCK NO. 4
 COUNTY Jefferson
 TOWNSHIP Snyder

SGL NO. 54
 FORESTER DAVE SMERKAR JR
 DATE 3/17/2016
 ACRES 12

VOLUME TABLE - Girard & Mesavage Scribner Rule

All volumes listed are estimates

BOARD FOOT VOLUME

SPECIES	FORM CLASS	NO. OF TREES		BD.FT.VOL.	VOL.BD.FT. PER TREE	% BY VOLUME	VOLUME BY ACRE
		MERCH.	CULLS				
YELLOW-POPLAR	81	144	1	34,820	242	53.8	2,902
BLACK CHERRY	83	50	1	9,421	188	14.6	785
RED MAPLE	83	166	1	17,314	104	26.8	1,443
BIRCH	82	9	0	908	101	1.4	76
WHITE ASH	82	13	0	1,888	145	2.9	157
SUGAR MAPLE	81	7	0	320	46	0.5	27
AM. BEECH	84	0	0	0	0	0.0	0
MISC HW	79	0	0	0	0	0.0	0
TOTALS		389	3	64,671	166	100	5,390

CUBIC FOOT VOLUME

SPECIES	NO. OF TREES		CU.FT.VOL.	% BY VOLUME	VOLUME BY ACRE		
	MERCH.	CULL			CU.FT.	CORDS	TONS
RED MAPLE	207	0	3,267	51.1	272	3.6	8.3
BIRCH	35	0	849	13.3	71	0.9	2.2
SUGAR MAPLE	60	53	751	11.7	63	0.8	1.9
YELLOW-POPLAR	49	0	1,160	18.1	97	1.3	3.0
AM. BEECH	0	0	0	0.0	0	0.0	0.0
BLACK CHERRY	7	0	370	5.8	31	0.4	0.9
WHITE ASH	0	0	0	0.0	0	0.0	0.0
MISC HW	0	0	0	0.0	0	0.0	0.0
TOTALS	358	53	6,397	100	534	7.1	16.3

Total trees less than or equal to 4" dbh to be cut: 0

Comments:
Shelterwood

PA GAME COMMISSION TIMBER SALE STAND AND STOCK TABLE

SALE NAME THE LAST STRUT
 BLOCK NO. 4
 COUNTY Jefferson
 TOWNSHIP Snyder

SGL NO. 54
 FORESTER DAVE SMERKAR JR
 DATE 3/17/2016
 ACRES 12

Sawtimber Trees												
SPECIES DBH	YELLOW- POPLAR	BLACK CHERRY	RED MAPLE	BIRCH	WHITE ASH	SUGAR MAPLE	AM. BEECH	MISC HW				Total
10"	0	0	0	0	0	0	0	0				0
12"	4	7	37	1	1	4	0	0				54
14"	33	10	63	3	2	2	0	0				113
16"	24	12	39	3	6	1	0	0				85
18"	31	9	19	2	3	0	0	0				64
20"	18	3	4	0	1	0	0	0				26
22"	23	8	3	0	0	0	0	0				34
24"	8	1	1	0	0	0	0	0				10
26"	2	0	0	0	0	0	0	0				2
28"	0	0	0	0	0	0	0	0				0
30"	1	0	0	0	0	0	0	0				1
32"	0	0	0	0	0	0	0	0				0
34"	0	0	0	0	0	0	0	0				0
36"	0	0	0	0	0	0	0	0				0
38"	0	0	0	0	0	0	0	0				0
40" +	0	0	0	0	0	0	0	0				0
Total	144	50	166	9	13	7	0	0	0	0	0	389

Sawtimber Volume (bdf.)												
10"	0	0	0	0	0	0	0	0				0
12"	185	301	1,615	32	52	128	0	0				2,313
14"	3,317	1,066	5,308	204	126	92	0	0				10,113
16"	3,595	1,773	5,368	392	742	100	0	0				11,970
18"	7,479	2,012	3,193	280	664	0	0	0				13,628
20"	5,572	852	985	0	304	0	0	0				7,713
22"	9,458	3,046	576	0	0	0	0	0				13,080
24"	3,415	371	269	0	0	0	0	0				4,055
26"	1,062	0	0	0	0	0	0	0				1,062
28"	0	0	0	0	0	0	0	0				0
30"	737	0	0	0	0	0	0	0				737
32"	0	0	0	0	0	0	0	0				0
34"	0	0	0	0	0	0	0	0				0
36"	0	0	0	0	0	0	0	0				0
38"	0	0	0	0	0	0	0	0				0
40" +	0	0	0	0	0	0	0	0				0
Total	34,820	9,421	17,314	908	1,888	320	0	0	0	0	0	64,671

Pulpwood Trees												
SPECIES DBH	RED MAPLE	BIRCH	SUGAR MAPLE	YELLOW- POPLAR	AM. BEECH	BLACK CHERRY	WHITE ASH	MISC HW				Total
6"	0	0	0	0	0	0	0	0				0
8"	53	0	79	0	0	0	0	0				132
10"	102	17	34	17	0	0	0	0				169
12"	35	12	0	24	0	0	0	0				71
14"	17	0	0	9	0	0	0	0				26
16"	0	7	0	0	0	7	0	0				13
18"	0	0	0	0	0	0	0	0				0
20" +	0	0	0	0	0	0	0	0				0
Total	207	35	113	49	0	7	0	0	0	0	0	411

Pulpwood Volume (cuft.)												
6"	0	0	0	0	0	0	0	0				0
8"	368	0	234	0	0	0	0	0				603
10"	1,488	248	517	265	0	0	0	0				2,518
12"	817	287	0	580	0	0	0	0				1,685
14"	593	0	0	315	0	0	0	0				908
16"	0	313	0	0	0	370	0	0				683
18"	0	0	0	0	0	0	0	0				0
20" +	0	0	0	0	0	0	0	0				0
Total	3,267	849	751	1,160	0	370	0	0	0	0	0	6,397

PA GAME COMMISSION TIMBER SALE SUMMARY

SALE NAME THE LAST STRUT
 BLOCK NO. 5
 COUNTY Jefferson
 TOWNSHIP Snyder

SGL NO. 54
 FORESTER DAVE SMERKAR JR
 DATE 3/16/2016
 ACRES 27

VOLUME TABLE - Girard & Mesavage Scribner Rule

All volumes listed are estimates

BOARD FOOT VOLUME

SPECIES	FORM CLASS	NO. OF TREES		BD.FT.VOL.	VOL.BD.FT. PER TREE	% BY VOLUME	VOLUME BY ACRE
		MERCH.	CULLS				
YELLOW-POPLAR	81	98	2	16,946	173	24.5	628
BLACK CHERRY	83	47	0	8,738	186	12.6	324
RED MAPLE	83	345	5	33,201	96	48.0	1,230
BIRCH	82	92	2	8,156	89	11.8	302
WHITE ASH	82	16	0	1,719	107	2.5	64
SUGAR MAPLE	81	6	0	414	69	0.6	15
AM. BEECH	84	0	0	0	0	0.0	0
MISC HW	79	1	0	48	48	0.1	2
TOTALS		605	9	69,222	114	100	2,565

CUBIC FOOT VOLUME

SPECIES	NO. OF TREES		CU.FT.VOL.	% BY VOLUME	VOLUME BY ACRE		
	MERCH.	CULL			CU.FT.	CORDS	TONS
RED MAPLE	686	0	10,529	60.0	390	5.2	12.0
BIRCH	225	21	4,038	23.0	150	2.0	4.6
SUGAR MAPLE	32	0	251	1.4	9	0.1	0.3
YELLOW-POPLAR	59	0	1,664	9.5	62	0.8	1.9
AM. BEECH	57	57	200	1.1	7	0.1	0.2
BLACK CHERRY	32	0	229	1.3	8	0.1	0.3
WHITE ASH	31	0	626	3.6	23	0.3	0.7
MISC HW	0	32	0	0.0	0	0.0	0.0
TOTALS	1,123	110	17,537	100	649	8.7	19.9

Total trees less than or equal to 4" dbh to be cut: 1,289

Comments:
 Shelterwood

PA GAME COMMISSION TIMBER SALE STAND AND STOCK TABLE

SALE NAME THE LAST STRUT
 BLOCK NO. 5
 COUNTY Jefferson
 TOWNSHIP Snyder

SGL NO. 54
 FORESTER DAVE SMERKAR JR
 DATE 3/16/2016
 ACRES 27

Sawtimber Trees												
SPECIES DBH	YELLOW- POPLAR	BLACK CHERRY	RED MAPLE	BIRCH	WHITE ASH	SUGAR MAPLE	AM. BEECH	MISC HW				Total
10"	0	0	0	0	0	0	0	0				0
12"	11	0	61	12	2	2	0	1				89
14"	27	13	132	34	7	2	0	0				215
16"	20	13	95	23	3	2	0	0				156
18"	13	9	39	16	3	0	0	0				80
20"	12	3	13	6	1	0	0	0				35
22"	10	5	3	1	0	0	0	0				19
24"	3	2	2	0	0	0	0	0				7
26"	2	2	0	0	0	0	0	0				4
28"	0	0	0	0	0	0	0	0				0
30"	0	0	0	0	0	0	0	0				0
32"	0	0	0	0	0	0	0	0				0
34"	0	0	0	0	0	0	0	0				0
36"	0	0	0	0	0	0	0	0				0
38"	0	0	0	0	0	0	0	0				0
40" +	0	0	0	0	0	0	0	0				0
Total	98	47	345	92	16	6	0	1	0	0	0	605

Sawtimber Volume (bdf.)												
DBH	YELLOW- POPLAR	BLACK CHERRY	RED MAPLE	BIRCH	WHITE ASH	SUGAR MAPLE	AM. BEECH	MISC HW				Total
10"	0	0	0	0	0	0	0	0				0
12"	466	0	2,826	484	84	102	0	48				4,010
14"	2,259	993	9,698	2,400	512	150	0	0				16,012
16"	3,325	1,834	10,545	2,292	313	162	0	0				18,471
18"	2,484	1,867	5,911	1,948	570	0	0	0				12,780
20"	2,898	852	2,708	906	240	0	0	0				7,604
22"	3,264	1,540	771	126	0	0	0	0				5,701
24"	1,406	640	742	0	0	0	0	0				2,788
26"	844	1,012	0	0	0	0	0	0				1,856
28"	0	0	0	0	0	0	0	0				0
30"	0	0	0	0	0	0	0	0				0
32"	0	0	0	0	0	0	0	0				0
34"	0	0	0	0	0	0	0	0				0
36"	0	0	0	0	0	0	0	0				0
38"	0	0	0	0	0	0	0	0				0
40" +	0	0	0	0	0	0	0	0				0
Total	16,946	8,738	33,201	8,156	1,719	414	0	48	0	0	0	69,222

Pulpwood Trees												
SPECIES DBH	RED MAPLE	BIRCH	SUGAR MAPLE	YELLOW- POPLAR	AM. BEECH	BLACK CHERRY	WHITE ASH	MISC HW				Total
6"	0	0	0	0	115	0	0	0				115
8"	193	64	32	0	0	32	0	32				355
10"	248	41	0	0	0	0	21	0				309
12"	158	100	0	43	0	0	0	0				301
14"	63	32	0	0	0	0	11	0				105
16"	24	8	0	16	0	0	0	0				48
18"	0	0	0	0	0	0	0	0				0
20" +	0	0	0	0	0	0	0	0				0
Total	686	246	32	59	115	32	31	32	0	0	0	1,233

Pulpwood Volume (cuft.)												
DBH	RED MAPLE	BIRCH	SUGAR MAPLE	YELLOW- POPLAR	AM. BEECH	BLACK CHERRY	WHITE ASH	MISC HW				Total
6"	0	0	0	0	200	0	0	0				200
8"	1,186	477	251	0	0	229	0	0				2,143
10"	3,192	266	0	0	0	0	285	0				3,743
12"	3,214	2,095	0	933	0	0	0	0				6,243
14"	1,908	873	0	0	0	0	341	0				3,122
16"	1,030	325	0	731	0	0	0	0				2,086
18"	0	0	0	0	0	0	0	0				0
20" +	0	0	0	0	0	0	0	0				0
Total	10,529	4,038	251	1,664	200	229	626	0	0	0	0	17,537

PA GAME COMMISSION TIMBER SALE SUMMARY

SALE NAME THE LAST STRUT
 BLOCK NO. 6
 COUNTY Jefferson
 TOWNSHIP Snyder

SGL NO. 54
 FORESTER SMERKAR
 DATE 4/5/2016
 ACRES 7

VOLUME TABLE - Girard & Mesavage Scribner Rule

All volumes listed are estimates

BOARD FOOT VOLUME

SPECIES	FORM CLASS	NO. OF TREES		BD.FT.VOL.	VOL.BD.FT. PER TREE	% BY VOLUME	VOLUME BY ACRE
		MERCH.	CULLS				
YELLOW-POPLAR	81	61	0	35,252	578	56.5	5,036
BLACK CHERRY	83	49	1	21,566	440	34.6	3,081
RED MAPLE	83	18	0	5,599	311	9.0	800
BIRCH	82	0	0	0	0	0.0	0
WHITE ASH	82	0	0	0	0	0.0	0
SUGAR MAPLE	81	0	0	0	0	0.0	0
AM. BEECH	84	0	0	0	0	0.0	0
MISC HW	79	0	0	0	0	0.0	0
TOTALS		128	1	62,417	488	100	8,917

CUBIC FOOT VOLUME

SPECIES	NO. OF TREES		CU.FT.VOL.	% BY VOLUME	VOLUME BY ACRE		
	MERCH.	CULL			CU.FT.	CORDS	TONS
RED MAPLE	0	0	0	0.0	0	0.0	0.0
BIRCH	2	4	23	100.0	3	0.0	0.1
SUGAR MAPLE	0	0	0	0.0	0	0.0	0.0
YELLOW-POPLAR	0	0	0	0.0	0	0.0	0.0
AM. BEECH	0	0	0	0.0	0	0.0	0.0
BLACK CHERRY	0	1	0	0.0	0	0.0	0.0
WHITE ASH	0	0	0	0.0	0	0.0	0.0
MISC HW	0	0	0	0.0	0	0.0	0.0
TOTALS	2	5	23	100	3	0.0	0.1

Total trees less than or equal to 4" dbh to be cut: 0

Comments:
 Clear Cut

PA GAME COMMISSION TIMBER SALE SUMMARY

SALE NAME THE LAST STRUT
 BLOCK NO. 7
 COUNTY Jefferson
 TOWNSHIP Snyder

SGL NO. 54
 FORESTER DAVE SMERKAR JR
 DATE 4/1/2016
 ACRES 36

VOLUME TABLE - Girard & Mesavage Scribner Rule

All volumes listed are estimates

BOARD FOOT VOLUME

SPECIES	FORM CLASS	NO. OF TREES		BD.FT.VOL.	VOL.BD.FT. PER TREE	% BY VOLUME	VOLUME BY ACRE
		MERCH.	CULLS				
YELLOW-POPLAR	81	94	1	49,702	529	24.8	1,381
BLACK CHERRY	83	289	9	73,438	254	36.6	2,040
RED MAPLE	83	348	7	76,840	221	38.3	2,134
BIRCH	82	0	0	0	0	0.0	0
WHITE ASH	82	2	1	324	162	0.2	9
SUGAR MAPLE	81	1	0	99	99	0.0	3
AM. BEECH	84	0	0	0	0	0.0	0
MISC HW	79	0	0	0	0	0.0	0
TOTALS		734	18	200,403	273	100	5,567

CUBIC FOOT VOLUME

SPECIES	NO. OF TREES		CU.FT.VOL.	% BY VOLUME	VOLUME BY ACRE		
	MERCH.	CULL			CU.FT.	CORDS	TONS
RED MAPLE	28	3	1,097	94.6	30	0.4	0.9
BIRCH	0	1	0	0.0	0	0.0	0.0
SUGAR MAPLE	0	0	0	0.0	0	0.0	0.0
YELLOW-POPLAR	0	0	0	0.0	0	0.0	0.0
AM. BEECH	1	0	4	0.3	0	0.0	0.0
BLACK CHERRY	1	0	43	3.7	1	0.0	0.0
WHITE ASH	1	0	16	1.4	0	0.0	0.0
MISC HW	0	0	0	0.0	0	0.0	0.0
TOTALS	31	4	1,160	100	31	0.4	1.0

Total trees less than or equal to 4" dbh to be cut: 0

Comments:
Clear Cut

PA GAME COMMISSION TIMBER SALE STAND AND STOCK TABLE

SALE NAME THE LAST STRUT
 BLOCK NO. 7
 COUNTY Jefferson
 TOWNSHIP Snyder

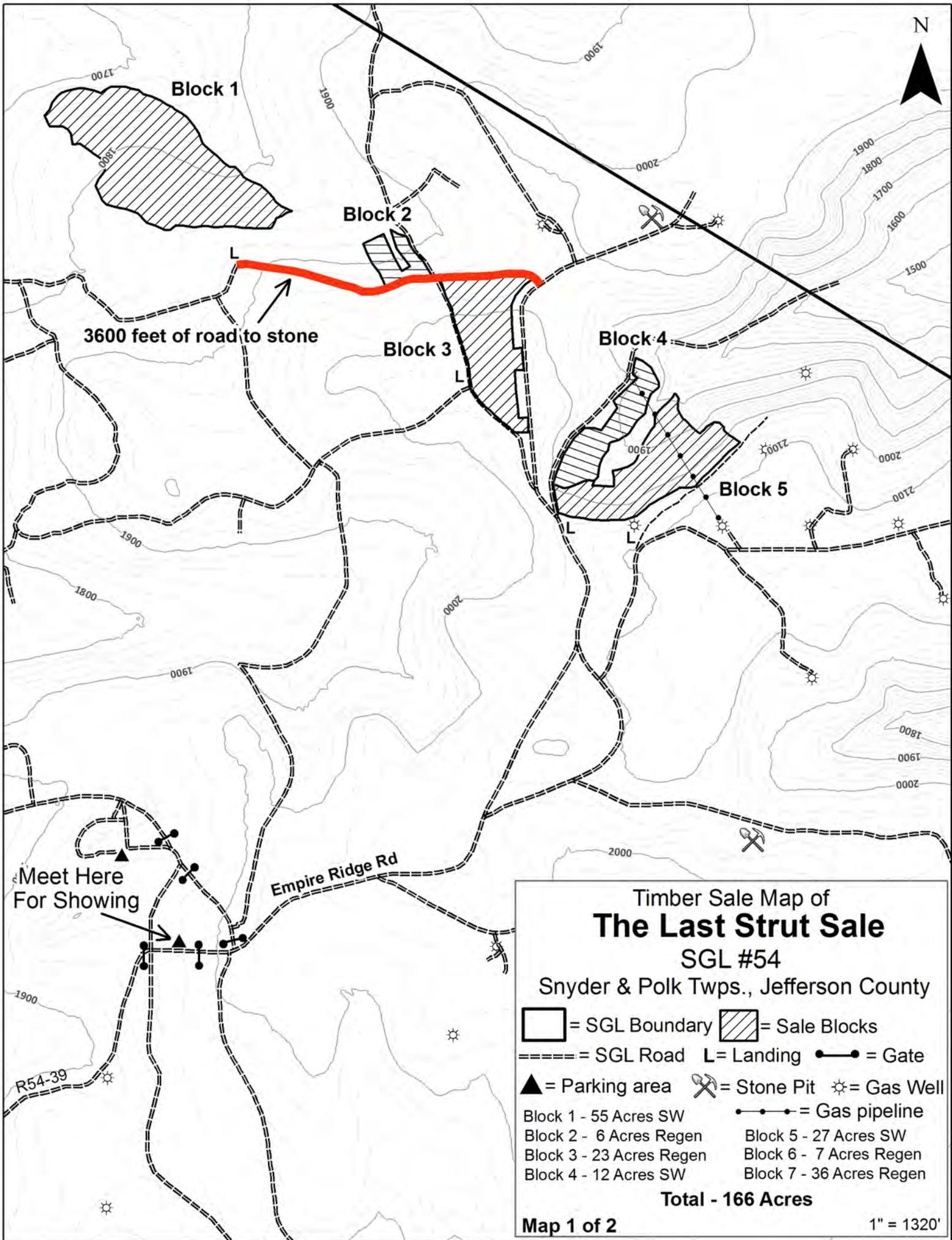
SGL NO. 54
 FORESTER DAVE SMERKAR JR
 DATE 4/1/2016
 ACRES 36

Sawtimber Trees												
SPECIES DBH	YELLOW- POPLAR	BLACK CHERRY	RED MAPLE	BIRCH	WHITE ASH	SUGAR MAPLE	AM. BEECH	MISC HW				Total
10"	0	0	0	0	0	0	0	0				0
12"	0	2	8	0	0	0	0	0				10
14"	0	15	22	0	0	0	0	0				37
16"	0	57	80	0	0	0	0	0				137
18"	2	80	98	0	2	0	0	0				182
20"	6	69	66	0	0	1	0	0				142
22"	18	49	46	0	0	0	0	0				113
24"	25	13	19	0	0	0	0	0				57
26"	17	2	6	0	0	0	0	0				25
28"	13	2	3	0	0	0	0	0				18
30"	8	0	0	0	0	0	0	0				8
32"	2	0	0	0	0	0	0	0				2
34"	1	0	0	0	0	0	0	0				1
36"	0	0	0	0	0	0	0	0				0
38"	1	0	0	0	0	0	0	0				1
40" +	1	0	0	0	0	0	0	0				1
Total	94	289	348	0	2	1	0	0	0	0	0	734

Sawtimber Volume (bdf.)												
10"	0	0	0	0	0	0	0	0				0
12"	0	110	419	0	0	0	0	0				529
14"	0	1,578	2,122	0	0	0	0	0				3,700
16"	0	8,668	12,861	0	0	0	0	0				21,529
18"	585	16,626	19,768	0	324	0	0	0				37,303
20"	1,965	20,126	16,949	0	0	99	0	0				39,139
22"	6,979	18,703	14,208	0	0	0	0	0				39,890
24"	11,868	5,294	6,804	0	0	0	0	0				23,966
26"	10,502	888	2,016	0	0	0	0	0				13,406
28"	7,308	1,445	1,693	0	0	0	0	0				10,446
30"	5,980	0	0	0	0	0	0	0				5,980
32"	1,700	0	0	0	0	0	0	0				1,700
34"	1,160	0	0	0	0	0	0	0				1,160
36"	0	0	0	0	0	0	0	0				0
38"	1,237	0	0	0	0	0	0	0				1,237
40" +	418	0	0	0	0	0	0	0				418
Total	49,702	73,438	76,840	0	324	99	0	0	0	0	0	200,403

Pulpwood Trees												
SPECIES DBH	RED MAPLE	BIRCH	SUGAR MAPLE	YELLOW- POPLAR	AM. BEECH	BLACK CHERRY	WHITE ASH	MISC HW				Total
6"	1	1	0	0	1	0	0	0				3
8"	2	0	0	0	0	0	0	0				2
10"	6	0	0	0	0	0	1	0				7
12"	0	0	0	0	0	0	0	0				0
14"	8	0	0	0	0	1	0	0				9
16"	10	0	0	0	0	0	0	0				10
18"	3	0	0	0	0	0	0	0				3
20" +	1	0	0	0	0	0	0	0				1
Total	31	1	0	0	1	1	1	0	0	0	0	35

Pulpwood Volume (cuft.)												
6"	0	0	0	0	4	0	0	0				4
8"	7	0	0	0	0	0	0	0				7
10"	73	0	0	0	0	0	16	0				89
12"	0	0	0	0	0	0	0	0				0
14"	275	0	0	0	0	43	0	0				318
16"	484	0	0	0	0	0	0	0				484
18"	179	0	0	0	0	0	0	0				179
20" +	79	0	0	0	0	0	0	0				79
Total	1,097	0	0	0	4	43	16	0	0	0	0	1,160



N

Block 1

Block 2

Block 3

Block 4

Block 5

3600 feet of road to stone

Meet Here For Showing

Empire Ridge Rd

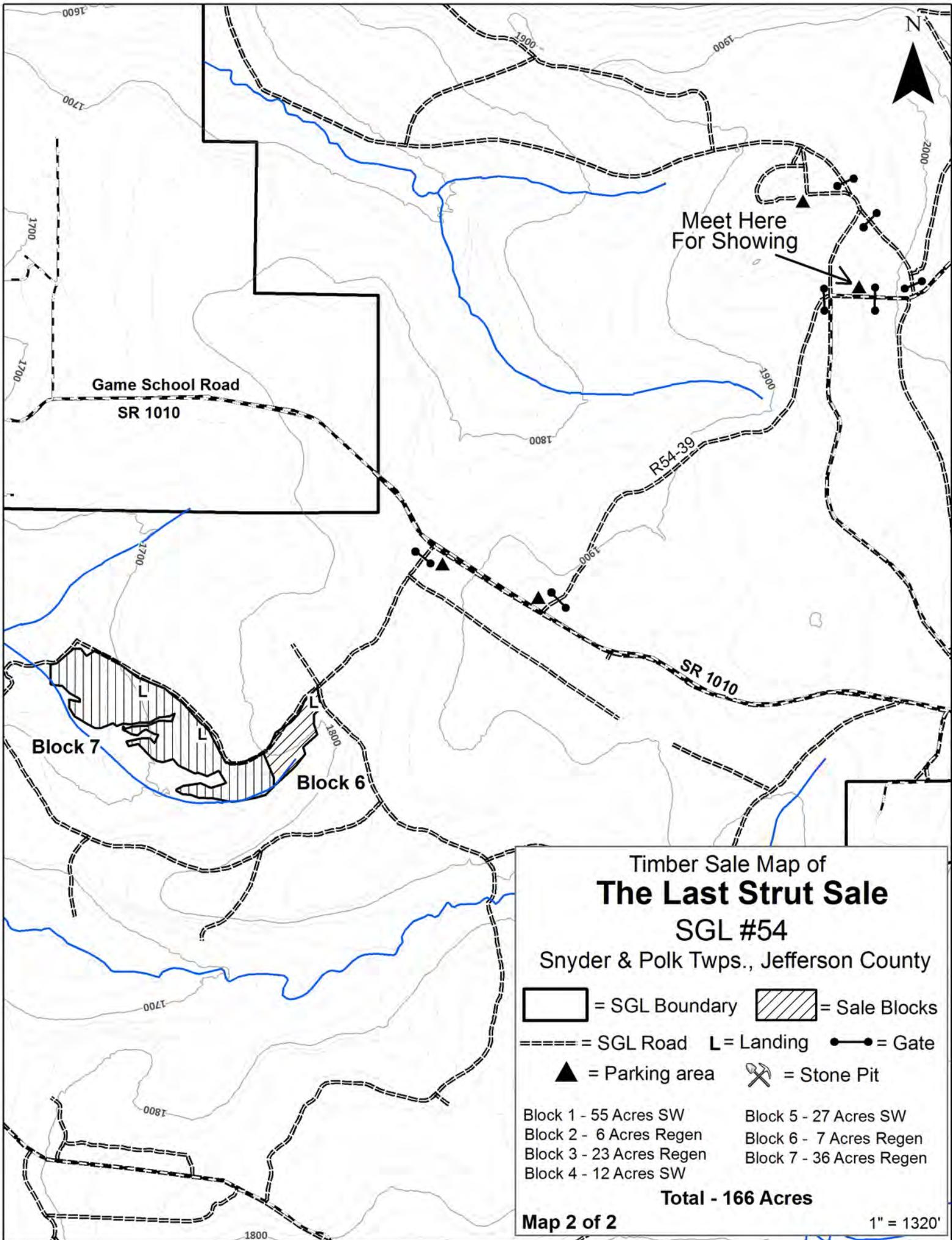
R54-39

Timber Sale Map of
The Last Strut Sale
SGL #54
 Snyder & Polk Twps., Jefferson County

= SGL Boundary	= Sale Blocks
= SGL Road	= Landing
= Gate	= Parking area
= Stone Pit	= Gas Well
= Gas pipeline	

Block 1 - 55 Acres SW
 Block 2 - 6 Acres Regen
 Block 3 - 23 Acres Regen
 Block 4 - 12 Acres SW
 Block 5 - 27 Acres SW
 Block 6 - 7 Acres Regen
 Block 7 - 36 Acres Regen

Total - 166 Acres



Timber Sale Map of
The Last Strut Sale
 SGL #54

Snyder & Polk Twps., Jefferson County

- = SGL Boundary
- = Sale Blocks
- = SGL Road
- L = Landing
- = Gate
- = Parking area
- ⚒ = Stone Pit

- Block 1 - 55 Acres SW
- Block 2 - 6 Acres Regen
- Block 3 - 23 Acres Regen
- Block 4 - 12 Acres SW
- Block 5 - 27 Acres SW
- Block 6 - 7 Acres Regen
- Block 7 - 36 Acres Regen

Total - 166 Acres



Location Map for the **Last Strut Sale** SGL #54

Snyder & Polk Twps., Jefferson County

 = SGL Boundary

 = Sale Blocks

 = Stone Pit

1" = 6000'

