

AFOA Forestry Field Day

June 4th, 2020

“Management strategies to overcome poor pine pulpwood markets in Pickens County.”

Speaker/Host: Bruce Lanier, Jr. RF, ACF
President of McKinley and Lanier Forest Resources, Inc.

www.mlforestresources.com

office: 205-344-5139

cell: 205-292-4465

Timber Sales – Appraisals – Forest Management

ITINERARY:

9:00 am – Meet & Greet, brief welcome and introduction

9:30am – Depart for field tour

9:45-11:30am – Field Tour of various timber stands (info and map included)

11:45am-12:30pm – Tailgate Lunch

**Special thanks to Gary Davidson at Southern Forest Products, LLC for providing forestry mulching services in the areas we visited today. Call Gary at (205) 367-6034 if you are in need of forestry mulching, bulldozer work, or other heavy equipment services.*

**Special thanks to the Yarbrow family (Bell Yarbrow Investments, LLC) for allowing us to use their property to host this event, and for being a loyal client for over almost 50 years!*

Timber Stand Management History and Other Helpful Information

- **Stand # 50235:** Chemical site preparation application in summer of 2010, planted in winter of 2010-2011 (10th growing season). Mixture of Loblolly Pine/Nuttall Oak/Swamp Chestnut Oak/Overcup Oak. Planted at a spacing of 8x10 feet (544 trees per acre), alternating two rows of Oak and one row of Pine. Survival audit results: 198 oaks/acre, 130 pines/acre, 62 other hardwood/acre. 390 total trees/acre at age 2.
- **Stand #50236:** Chemical site preparation application in summer of 1999, planted winter of 1999-2000 (21st growing season). Planted in Loblolly Pine at a spacing of 6x10 feet (726 trees per acre). 1st thinned in 2013.
- **Stand # 50225:** Supplemental planting in winter of 1993-1994 (27th growing season). Mixture of Loblolly Pine/Nuttall Oak/Green Ash. Planted at approximately 200 trees per acre.
- **Stand #50237:** Chemical site preparation application in summer of 1990, planted winter of 1990-1991 (30th growing season). Planted in Loblolly Pine at approximately 725 trees per acre. 1st thinned in 2005, understory burn conducted in spring of 2017. Scheduled for final harvest in 2025.
- **Stand #502224:** No chemical site preparation. Supplemental planting in winter of 1998-1999. Planted at a spacing of 10x10 feet (435 trees per acre) with Nuttall oak (80%) and Swamp Chestnut Oak (20%).

STRATEGIES:

- Species diversification – across ownership and also within individual stands.
 - Every acre does not necessarily have to be planted in loblolly pine.
 - Must match species to site!
 - Pines grow faster on the majority of sites, and have a shorter return interval
 - Hardwoods CAN be profitably managed in existing stands (sweetgum is no longer our mortal enemy!).
- Lower planting density in Loblolly Pine
 - Gives us more flexibility on when the stand MUST be thinned
 - Better potential for growing a higher proportion of saw products quicker (lower proportion of pulpwood).

CHALLENGES:

- Future timber markets are hard to predict (we're talking 14-35 years down the road)
- A planting density that is too low results in poor quality trees (limbs/knots) that will be pulpwood anyway.
- Hardwoods and pines grow differently, and can be difficult to manage together.
- Pines must be planted at a density that usually requires at least 1 thinning before final harvest (we can't avoid selling at least some pulpwood)

APPROXIMATE REFORESTATION COSTS:

- Aerial chemical site preparation: \$80 per acre
- Site preparation burning & firebreaks: \$50 per acre
- Planting improved bare root Loblolly Pine @ 544 Trees/acre: \$100 per acre
- Planting Mass Control Pollinated Containerized Loblolly Pine @ 436 trees/acre: \$200 per acre
- Planting mixed oaks @ 145 trees/acre (supplemental): \$100 per acre

APPROXIMATE CURRENT STUMPAGE PRICES:

- Pine pulpwood: \$3.00/ton, Pine Chip-N-Saw: \$12.00/ton, Pine Sawtimber: \$20.00/ton
- Hardwood pulpwood: \$10.00/ton, Hardwood tie-logs: \$35.00/ton, Misc Hardwood Sawtimber: \$35.00/ton, Oak Sawtimber: \$45.00/ton.

NOTES:



McKinley & Lanier Forest Resources, Inc.



MCKINLEY & LANIER FOREST RESOURCES, INC

McKinley & Lanier Forest Resources, Inc. began in March of 2002. The company was formerly known as Timber Managers Company, a business of Gulf States Paper Corporation located in Tuscaloosa, Alabama. Timber Managers Company was a full service forestry consulting firm which began in 1978, under Monty McKinley as manager. In January, 2002, Gulf States Paper Corp. announced plans to divest itself of this business to focus on “core businesses”, at which time Monty McKinley and Bruce Lanier purchased the business and renamed it McKinley & Lanier Forest Resources, Inc. Upon acquisition of the company McKinley & Lanier continued management of all existing accounts of Timber Managers Company while continuing to add new clients.

The company’s primary focus is to provide quality forest management services to landowners of all types. The majority of the company’s business is derived from management of non-industrial private forest land, with additional business coming from contract services provided to industrial or institutional owners.

We currently manage approximately 100,000 acres of land, represented by a wide array of ownerships. These include larger family holdings of 5,000 to 10,000 acres as well as smaller ownerships requiring only periodic services. The company consists of three full time foresters, one part time forester and one secretary. In addition, we use select forestry contractors to assist with large inventory projects from time to time.

Bell Yarbro Investments, LLC Property
 "Lois Springs Tract"
 Pickens County, AL

