

THE LANDING

SUMMER 2019



MATTEY BROS., LTD.
CHASE, B.C.

EDITORIAL

ROAD MAP TO SUCCESS

Graham Hinch, Director, Forestry Sales & Marketing,
United States & Canada

Taking advantage of the latest technology can provide a competitive edge in every industry, including forestry. Imagine being able to plan and monitor your logging operations from your pickup truck or office, using up-to-the-minute production and location information on a smartphone or laptop. Such map-based production-planning and -tracking solutions exist now. Many loggers have been quick to adopt this technology and are capitalizing on improved efficiencies in their operations.

Our TimberMatic™ Maps and TimberManager™ technology solutions are simple to set up and use, making it easier for loggers to plan the work that needs to get done every day. TimberMatic Maps effortlessly accommodates all common map formats, from simple hand-drawn maps to satellite imagery. The map provides the location, volume, and species of timber in real time, so operators can see what's happening at each moment they're in the machine. Meanwhile, contractors and supervisors can monitor live progress remotely using TimberManager — a web-based solution for PCs, tablets, and smartphones.

Operators and contractors can also easily mark hazards, obstacles, soft ground, and challenging terrain, in the cab or remotely. Map updates are shared instantly in real time with all crew members, improving jobsite awareness and ultimately increasing productivity. With full visibility to these areas of interest, all current machine locations, and the latest production information, operators and managers can work together more efficiently — without a lot of guesswork.

At John Deere, we pride ourselves on leading the way in innovation and arming as many of our customers as possible with smart, streamlined solutions. That's why we recently expanded our TimberMatic Maps and TimberManager solutions to full-tree equipment, including feller bunchers and skidders. Now these technology offerings are available on nearly all models of our forestry equipment, which also includes wheeled and tracked harvesters, forwarders, and swing machines. To learn more, see your local John Deere dealer.



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FOR 120 DAYS**

followed by 3.5% APR for 12 months¹
(for parts and service over \$50K)

OR
5.5% APR for 32 months²
(for parts and service over \$100K)

¹Offer ends October 31, 2019. Subject to approved installment credit with John Deere Financial. Minimum amount of new parts and service work to finance is \$50,000 per machine. Repairs must be made to John Deere equipment using John Deere OEM parts, John Deere OEM undercarriage, all John Deere Reman parts, all ValueParts products, and all ITR America Parts products. Not eligible for Hitachi machines. Some restrictions apply, so see your dealer for complete details and other financing options. Available at participating dealers. For commercial use only.

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JohnDeereFinancial.com

Cover image:

Matthey Bros., Ltd. was formed in 1932 in Chase, British Columbia, as a cedar pole company.



INTELLIGENT BOOM CONTROL

GET MORE BANG FROM YOUR BOOM

Intelligent Boom Control (IBC) enables easier, more precise, and more productive boom operations than prior models with IBC. IBC is now available on the CH9 boom for the 1470G Wheeled Harvester, in addition to the CH6 boom for the 1170G and the CH7 boom for the 1270G. It's also optional on all John Deere forwarders. Here's how it works.



Configure your joystick. You can run IBC using your favorite joystick control pattern. At startup, simply choose the default, ISO, or knuckleboom (ISO inverted) control pattern through TimberMatic™.



Direct the boom tip to where you want it. IBC automatically adjusts boom movements and extension. This allows you to focus on positioning the harvesting head or grapple instead of controlling independent boom joint movements. Control is simple and helps reduce fatigue.



Let IBC be your guide. The system automatically adjusts to the work cycle, changing boom trajectory and functioning depending on whether the head is empty or holding a tree. The result is smooth operation that helps reduce stress on the boom.



Don't worry about boom positions. End damping stops blow-like loads of the cylinder ends, so you don't need to monitor boom positions. Work is fluid and less jarring on boom structures and hydraulic cylinders.



Precisely position your head or grapple, even with long reaches. The same amount of mini-lever movement always produces the same speed, no matter how far the boom is extended.



Engage Hill mode. The boom tip automatically follows the preferred trajectory. When you choose Hill mode, IBC adjusts the trajectory to maximize efficiency on slopes.



LONG STORY SHORT

Three generations of loggers and John Deere feller bunchers

Every picture tells a story. The one Theo Freake recently posted to the John Deere Facebook page tells us a little bit about our history — and his own.

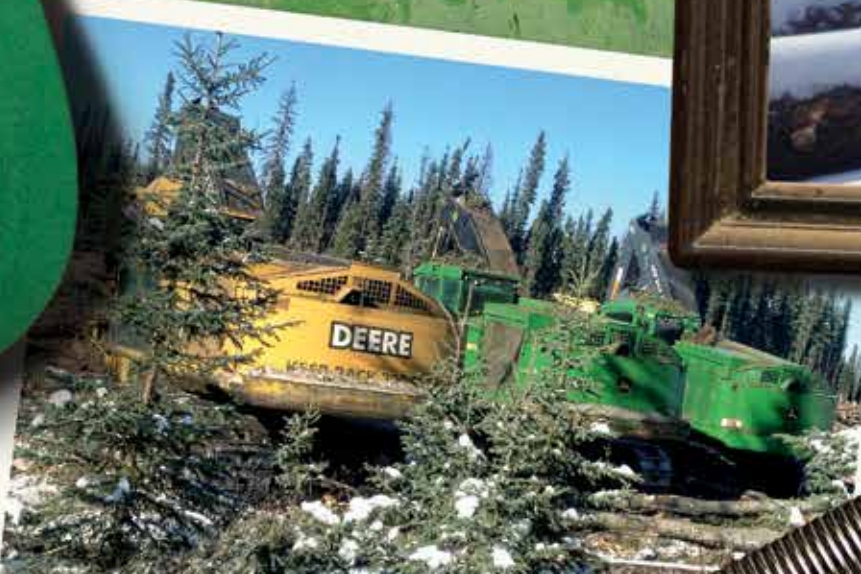
It's not often we see three generations of feller bunchers in the same photo. So when we received Freake's photo (see the main photo on the right), it caught our attention. That's a first-generation John Deere 953G on the right. In the middle is one of our recent models, the John Deere 953M, and on the left is a 953K.

The photo inspired Freake to share a bit of his family's logging history, which also spans three generations. "My father dropped out of school to fell trees and never looked back," says Freake. "He started taking

me out to the woods as soon as I was old enough to walk. As I got older, I learned to operate and service the feller bunchers. Logging is in my blood."

His father, Ted Freake, grew up in Newfoundland working for the family logging business. About 40 years ago, he moved to Alberta, working a short stint in the oil fields. But like his father before him and his son Theo, Ted was born to be a logger. He started out running a chain saw before becoming a machine operator for various contractors. In 1998, Ted started his own logging operation with a Timberjack 618 and a skidder. Over the years, he purchased numerous John Deere feller bunchers and skidders while contracting with several mills near Whitecourt.

Ted is no longer contracting, so Theo currently runs a feller buncher for a contractor in Drayton Valley, Alberta, and hopes to retire a logger. "I'd rather be out harvesting timber than doing anything else," he says. "It's all I've ever known."







SPREADING ITS WINGS



COMMISKEY
HARDWOODS



SOARS WITH THE HELP
OF DEERE MACHINES

STORY: KEVIN ORFIELD | PHOTOGRAPHY: TODD DACQUISTO



STARTING OUT WITH ONLY A CHAIN SAW AND A 1974 JOHN DEERE 350B CRAWLER, INDIANA LOGGER DANNY RICHARDS HAS RISEN TO THE CHALLENGE

At a logging site in the southeastern corner of Indiana, Danny Richards takes a breather in the cab of his John Deere 437D Knuckleboom Loader. "Weather is always an issue," says Richards, owner of Commiskey Hardwoods, Commiskey, Indiana. "We might only be able to skid wood on two days out of a week, so we'll stockpile it on the road. On days when it's too wet to skid, we'll load trucks. Yesterday, the wood was piled so high, you couldn't even see the loader."

With much of the wood cleared, he sends a photo of his surroundings to a friend.

"I told him, 'This is my office today,'" says Richards. "It's a pretty picture — and a pretty nice office. Running a business and paying bills is stressful, so working in the woods is my quiet refuge. When I'm out here working, I'm happy — there's so much to see, whether it's an eagle spreading his wings, wild hogs, a little fawn, or a tough-looking rattlesnake."

Richards is pretty tough himself. He shares the story of being bitten by a copperhead snake. He wasn't even aware of the bite until his wife noticed a nasty-looking

bruise. "I went to the doctor, and he says, 'What in the heck do you mean, you think you got snakebit?'" he remembers. "I honestly wasn't sure, but the poison was turning my skin black."

When he's not running the knuckleboom loader, Richards is operating a chain saw, as almost all his work is select cut. Most of Indiana's 4.9-million acres of forestland is privately owned, so Richards typically buys wood from a private landowner. Commiskey Hardwoods harvests primarily poplar, along with maple, oak, and hickory.

TAKING FLIGHT

When he was young, Richards would help out at his step-grandfather's small sawmill, mostly stacking lumber and doing other chores. After graduating from high school in 1984, he took ownership of the mill, purchased a 1974 John Deere 350B Crawler, and started logging full-time.

"It was the hardest time of my life," he recalls. "But I found my calling in the woods. I thought bringing back logs to the mill to turn them into building materials was the coolest thing. It's the tough times that truly shape us. I live a great life and love what I do, but I learned you need to stay strong. You can't give up or you won't accomplish anything."

For 18 years, he hand-felled logs before using the 350B Crawler to skid them and lift them onto a truck. He'd work all day until he got the truck loaded.

"I was probably around that machine more than I was my wife (laughs). It was a good machine, though I knew I needed something bigger."

His step-grandfather taught him a lot. But logging in Indiana is tough. "Everything is a challenge. Bidding is supercompetitive — to sustain a business long term is very tough. The soil and terrain change from job to job. And you are always fighting the weather."

To be more competitive, Richards had to become more efficient. He took logger training through the Indiana Department

of Natural Resources. "I learned many new techniques and how to be safer — it made me better at what I do."

Richards also began purchasing John Deere skidders, beginning with a 440A, followed later by a 648E in 1998. Today he runs 540G-III, 748H, and 648L Skidders. In his log yard he runs a Deere 544K Wheel Loader along with the original 350B Crawler, which is still going strong.

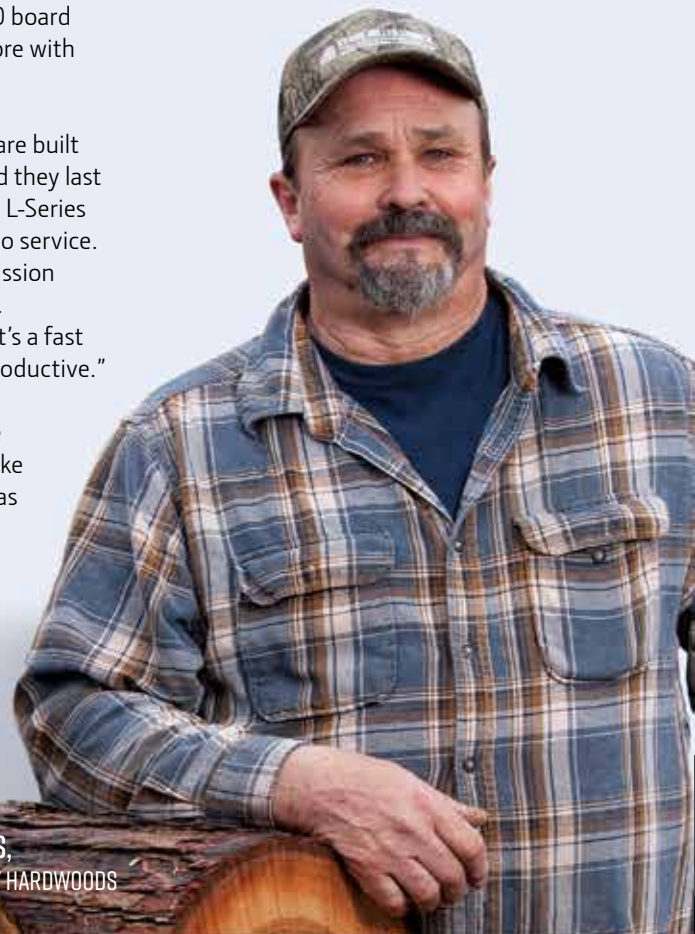
The skidders help Commiskey Hardwoods produce 20 to 30 loads a week. "The 350B Crawler had its place — it was all I could afford at the time," says Richards. "But I knew I needed to invest in bigger, more productive Deere machines. Ten years ago, I'd have been happy to log 150,000 board feet in a year. I can move much more with these skidders."

"They're excellent machines. They are built tough to take abuse every day, and they last for years and hold their value. The L-Series is quiet, comfortable, and simple to service. The Continuously Variable Transmission (CVT) is smooth and simple to run. Hydraulics are very responsive — it's a fast machine that helps me be more productive."

Richards chose Deere because the company has always treated him like a large customer, even when he was small. "I have small customers that might only buy 20 logs from me a year, but they are no less

important. Deere treats us with the same respect. We're up against the toughest companies out there, and Deere has helped me become more competitive. They're always looking to see what our needs are as loggers and building machines to match those needs."

Support from his local dealer, West Side Tractor Sales, has been vital. "They can remotely diagnose the machine using JDLink™, so the service technician can bring the right part the first time. Even for hard-to-find parts, I just call them, and they will get them for me. I can't say enough about John Deere and its dealer network. They are great to deal with, and I appreciate that."



"WE'RE UP AGAINST MUCH LARGER COMPANIES, AND DEERE HAS HELPED ME BECOME MORE COMPETITIVE."

DANNY RICHARDS,
OWNER, COMMISKEY HARDWOODS



EVERY TREE MATTERS

Indiana's forestland is carefully managed with sustainable harvesting. The state's total acreage of timberland has steadily increased since the 1960s, with forests growing more than 3.3 times the amount being removed each year.

Like most loggers, Richards is a steward of the forest. He recently brought the 648L Skidder to an "ag day" at a local school to educate students about logging. He displayed the many different products that are made from wood and discussed the logger's role in keeping forests healthy.

"So many people spread disinformation about how awful logging is. They think we're trying to destroy the forest, but we're trying to protect it. We want the forest to thrive. It's a battle I fight every day, with every tree. I want to get this one down without damaging anything else. Every tree matters because this is our future."

Commiskey Hardwoods takes every opportunity to win over the community. If it uses a neighbor's property to park equipment or to access a jobsite, it'll bring in loads of stone to repair driveways, reseed

fields, and give away extra wood that people can sell for firewood. "We try to do the little things that many people don't. I joked with one neighbor that he'd hate to see us leave, and he said, 'I doubt it.' But honestly when we were leaving, he said he hated to see us go."

On every job, Commiskey Hardwoods strives to do the best it possibly can. "We take care of the land like it's our own."

Commiskey Hardwoods is serviced by West Side Tractor Sales, Bloomington, Indiana.



To see more of the story, visit
JohnDeere.com/TheLanding

"WE TAKE CARE OF THE LAND LIKE IT'S OUR OWN."

DANNY RICHARDS,
OWNER, COMMISKEY HARDWOODS

HOOSIER HARDWOOD

INDIANA IS WELL-KNOWN FOR ITS HIGH-QUALITY HARDWOOD.
HERE ARE A FEW FACTS ABOUT THE STATE'S HARDWOOD INDUSTRY:

4.9 MILLION
ACRES OF FORESTLAND

84% PRIVATELY
OWNED

MOST OWNERSHIPS ARE UNDER
100 ACRES, WITH AN AVERAGE OF
37.4 ACRES

CONTRIBUTES
\$10.4 BILLION
TO THE STATE'S ECONOMY

CANADA AND CHINA ARE TOP
MARKETS, FOLLOWED
BY MEXICO AND JAPAN

HARDWOOD IS USED FOR GRADE LUMBER, FLOORING,
VENEER, RAILROAD TIES, PALLETS, STAVES AND HOOPS
FOR BARRELS, PICTURE FRAMES, FIBERBOARD, AND PAPER

FOR EVERY TREE REMOVED,
3.3 ARE PLANTED

Source: Indiana Hardwood Lumbermen's Association, Inc.

CONTAINING WILDFIRES



G.R. Manufacturing equips Deere machines for wildfire suppression and mitigation

In 2018, over 50,000 wildfires burned more than eight million acres in the United States. Over the last decade, wildfires have caused more than \$5 billion in damage.* Wildfire suppression is hard, dangerous work. Specially equipped construction equipment plays a key role in wildfire suppression and mitigation.

For almost 30 years, G.R. Manufacturing, Inc. of Trussville, Alabama, has been outfitting John Deere dozers and compact track loaders (CTLs) with packages that allow them to help with wildfire suppression and mitigation. These modified construction machines are used by the U.S. Forest Service and state forestry services to help deal with wildfires. G.R. Manufacturing also supplies guarding packages for other applications, including military, waste handling, and demolition.

Protective items are tested and certified to meet OSHA standards. Guarding helps protect the operator and machine in harsh, low-visibility environments where workers are more likely to bump into objects and falling tree limbs are a constant danger. Specially designed guards also protect fittings and components to help keep the machines from breaking down when crews are racing to stay safely ahead of the fire.

The most commonly used direct fire-suppression machine is the dozer. It is also used in pre-suppression mitigation, for example, plowing furrows to create fire lines that prevent the fire from spreading. CTLs are used for pre-suppression activities only, such as the removal of understory, the brush that grows under the tree canopy. They are also used to help remove fuel to create defensible spaces around valuable assets such as subdivisions.

To learn more, visit grtractors.com.



1

Level II Falling-Object Protective Structure (FOPS) plate helps safeguard against falling treetops and limbs.

2

Additional guarding protects the lift-cylinder hoses and hydraulic coupler.

3

Side and rear screens help shield the operator from branches.

4

A rear bumper guards the back of the machine against hard-to-see stumps and other objects.

**Source: Insurance Information Institute.*



A LEGACY OF DETERMINATION AND DEERE

During his lifetime, Daniel Matthey witnessed the unfathomable in the logging industry. In 1932 in Chase, British Columbia, he had formed Matthey Bros., Ltd., dedicating his life's work to logging. His family business was built with years of grueling labor, grit, and determination. It started with a fleet of horses, not a fleet of machines.

STORY: CAROLINE ALTENBERN | PHOTOGRAPHY: CHUCK BLACKBURN





“ My dad logged way up at the top end of Adams Lake, British Columbia. They went up by boat, and they’d go for two weeks at a time, with no one at this end knowing if they got there or didn’t get there. ”

**— Danny Matthey,
Matthey Bros., Ltd.**

S

o, 62 years later, he couldn't quite believe what he was seeing right in front of his eyes. It was 1994, and Daniel Matthey looked on as his son, Danny Matthey, and grandson, Dan Matthey, fired up a John Deere 690E LC Excavator with an HTH 20T Waratah processing head they had just purchased.

"My grandfather got to see the first processor we got, and it was a whole new world for him," Dan says.

"He couldn't believe what it did in comparison to the days of hand bucking, that's for sure," added Danny. "It was totally unbelievable for him. For the work my dad did, they were lucky to get a load or two a day, which now, you do it with four or five guys doing eight to ten loads, depending on the wood they're in."

After Daniel retired in 1996, his son Danny took over business operations at the office. His grandson Dan became an operator on the jobsites, extending the family business for another generation.

"When my grandfather and his brother started the business, it was just a pole company — they did cedar poles or native cedar poles. They worked with horses and we've worked our way up to machinery," Dan says.

Back then, the logging industry was much more physically challenging and the work could be treacherous. Using crosscut saws, hand bucking, delimbing and sending logs down a flume, and pulling logs with horses — it wasn't for the faint of heart.

"My dad logged way up at the top end of Adams Lake, British Columbia. They went up by boat, and they'd go for two weeks at a time, with no one at this end knowing if they got there or didn't get there," Danny says.

"The first tractor they got had no blade, so they had to build the trail with the shovels and picks so the tractor could drive up and down instead of the horses. My grandfather always said it was better than horses because he didn't have to feed the tractor," Dan says.

The stamina required of loggers back then was immense, he adds. "You'd be in a lot better shape then, I'll tell you that," Dan says.



A NOD TO THE PAST, AND TRUST IN THE FUTURE

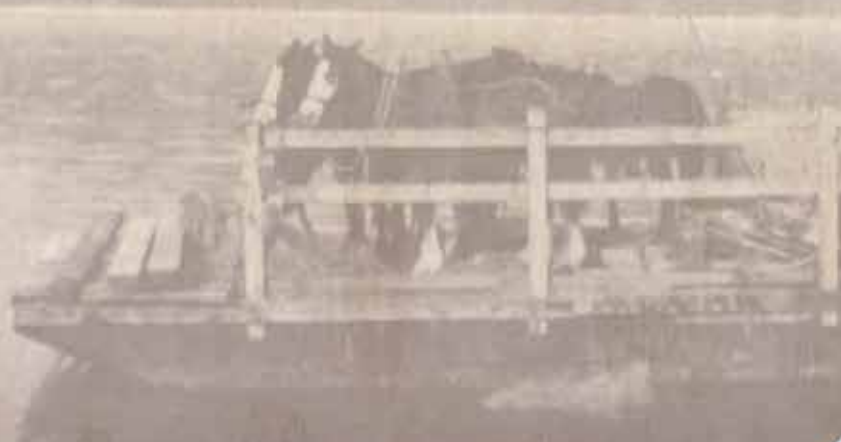
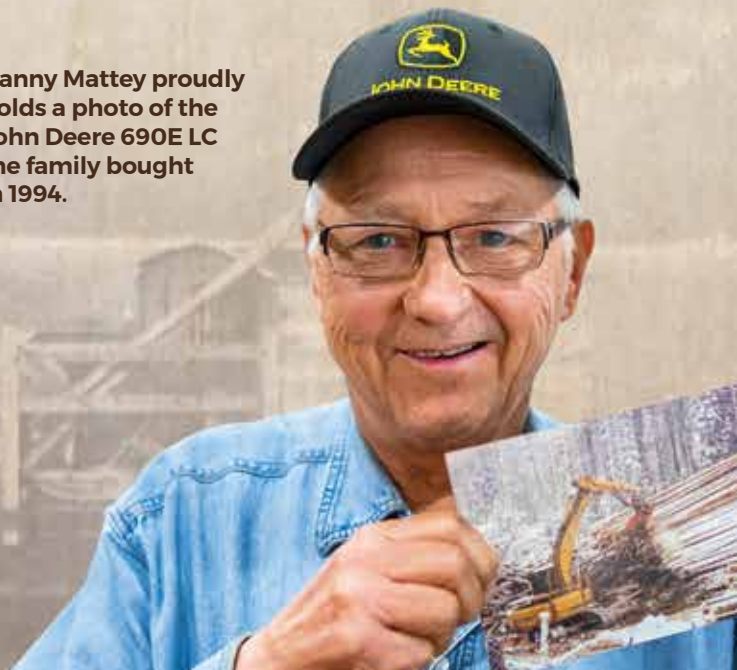
Danny began working for his father in the shop as a young teenager and saw the company grow through the years. "I basically started in the shop here when I was young, then drove the truck for a number of years," Danny says. "When I started, of course, it was all hand fellers, line skidders, or skidding with an old carrier of some kind. Then a few years later, we got into a wheel loader, which was a really big deal compared to the old heel boom. Then we transitioned to what we use today."

Danny has always enjoyed the lifestyle that comes with the industry, and operating the business and seeing it grow over time has been extremely rewarding.

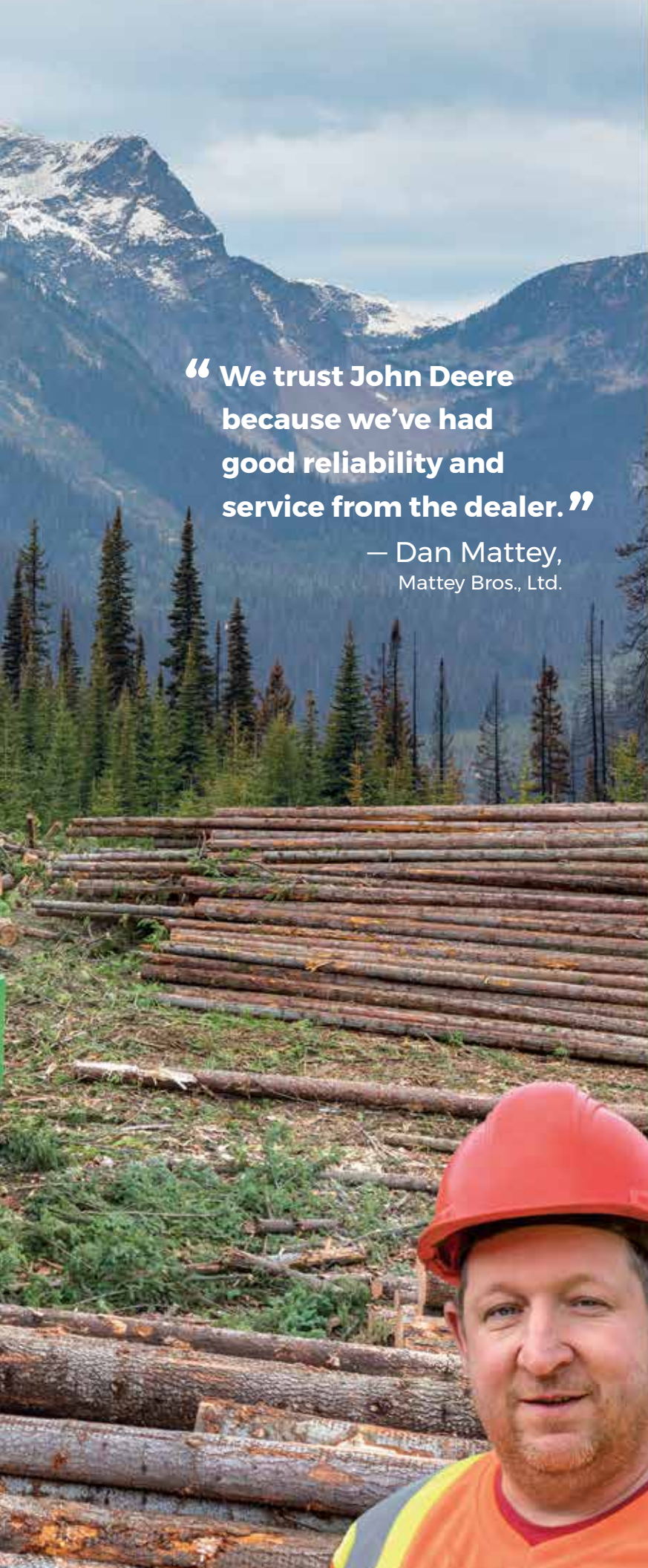
"I've got some guys who have been with me for years and years. Just to have them carry on and see their families grow — that, to me, is very important," says Danny.

Today, working mountainside in Salmon Arm, British Columbia, Danny, Dan, and his team use hot logging methods to work as efficiently as possible. This is a logging method where multiple machines are working simultaneously, cutting logs, moving and sorting them from stump to truck in one continuous flow. They have a full fleet of John Deere equipment including a 2654G Swing Machine with a HTH623C Waratah head and a Deere 2656G Log Loader with a claw.

Danny Matthey proudly holds a photo of the John Deere 690E LC the family bought in 1994.







**“ We trust John Deere
because we’ve had
good reliability and
service from the dealer.”**

— Dan Matthey,
Matthey Bros., Ltd.

Matthey Bros. purchased its first piece of John Deere equipment, a 544 Loader, back in 1968. The company has stuck with Deere equipment since then, as it works so seamlessly with its Waratah processing heads. “We’ve had good luck with them, so it was an easy choice,” Dan says. “And we’ve run a lot of John Deere equipment, so they seem to go hand in hand. It’s just more dependable than anything.”

“We trust John Deere because we’ve had good reliability and service from the dealer,” Danny says. “Our dealer, Brandt Tractor, is a huge part of what makes us stick with John Deere.”

TRADITION AND LEGACY CONTINUE

Through the generations, many things have changed, but important traditions remain. For the Matthey family, its legacy in the logging industry has spanned three generations. Dan has been working in the family business for 22 years now. He was hoping to be a hockey player, he joked, but once he started working in the shop and out in the field, that dream changed.

Danny said he looks forward to the day when the next generation, his son Dan, takes over the business.

“I’m hoping Dan will carry it on, and hopefully my grandson will come into the business eventually and continue it,” Danny says.

While Danny’s grandson might carry on the business, he’ll be bringing a new name into the mix.

“My son isn’t a Dan. I broke the tradition,” Dan says, with a laugh. “I found it too confusing, so I named my son Gavin instead.”

Matthey Bros., Ltd. is serviced by Brandt Tractor, Ltd., Kamloops, British Columbia.



To see more of the story, visit
JohnDeere.com/TheLanding

A stylized illustration of a firefighter, Andrew Anderson, wearing a helmet with 'BBFO 44 ANDERSON' and a jacket. The background features large, stylized flames. The word 'Help' is written in a large, cursive font, and 'IS ON THE WAY' is written in a bold, sans-serif font below it.

DOWN TIME

Help

IS ON THE WAY

Logger Andrew Anderson, owner of Anderson Logging LLC, goes “all in” on everything he does, whether it’s building a successful logging company or raising a family. So when the economy took a turn for the worse in 2008, he didn’t remain idle. Instead he gave back to his community of Broken Bow, Oklahoma, as a volunteer fireman.

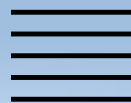
“I was driving a skidder for my father-in-law at the time, but things had really slowed down,” he recalls. “One of the loggers in town was working at the fire department, so I decided to look into volunteering. It turns out I knew most of the guys there. They all cautioned me that I needed to be strong-willed because I’d see things I would never forget. And they were right.”

Anderson threw himself into the volunteer work with his usual passion. “It’s very fulfilling to help people out during their hour of greatest need. It’s quite an experience when you arrive, and you’re all they’ve got. I saw things that left scars in my mind, but in the end, you feel much better about yourself being there for someone.”

Anderson decided to take a full-time position as a fireman in 2010. Firefighting doesn’t pay much, but the 24-hours-on, 48-hours-off schedule allowed him to also work another job to make ends meet. Then with the economy rebounding in 2011, he started his own logging operation. The long hours meant returning to part-time volunteer fireman work.

In recent years, Anderson has made growing his business and raising his young children his main priorities, so he’s had to limit his volunteer hours. But he is grateful for the opportunity. “I learned skills I can use the rest of my life, such as CPR. The training really made me a better person. Making someone’s hardest day a little easier — that’s what keeps firemen doing what they’re doing. We’re very fortunate for the work they do.”

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- Knuckleboom Loaders
- Skidders
- Delimbers
- Harvesters

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Phoenix
Prescott
Tucson

CALIFORNIA

Lakeside
Riverside

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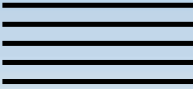
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