

LOGGERS WORLD

VOLUME 49 NUMBER 6

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JUNE 2014

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SEE PAGE 4



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See "From the Stump"
on Page 2 of Loggers World

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From the stump...

The Bad News and The Good News

by Mike Crouse, Publisher

First the bad news: after 50 years and nine months, this is the final edition of *Loggers World*, and after 40 years, the final edition of *Log Trucker*. (There is always the remote chance of moving to strictly electronic distribution (though very remote), and if that comes to pass it would be as either of these established names.)

The reason is simple: economics. From the financial collapse we all suffered through in 2008, we all knew it would be a rough ride, which would require reserves to withstand the storm, which we've used. From the end of 2008 we'd heard several economists predict this recession would be like nothing any of us (under 70 or 80 years of age) had ever seen before with a sharp nose dive of revenues and a VERY gradual and prolonged recovery, in distinct contrast to what we'd seen in the past seven decades (steep declines followed by a similarly steep improvement). This would drag on.

Over that span, a lot of logging and trucking companies have closed their doors, many have resized their companies, a number of companies supporting and supplying loggers has shrunk dramatically. The supply chain is rebuilding but still not at 100% as yet (though getting closer each day), and there has been considerable consolidation amongst many businesses and manufacturers as well, all something we've all seen as well.

And while business has suffered, the worst thrashing has occurred throughout rural America where the economy was established on natural resources, and where in the Western United States, the change in public policy and lack of clarity in the laws governing public lands, essentially reversing decades of multiple-use management. Every time we hear a pundit or politician prattle on about "creating jobs" and "creating opportunity" they demonstrate how irrelevant that talk is given the policies they sponsor, and the ongoing destruction of opportunity, which has

opened the "brain drain" spigot from rural America to the cities.

We've passed through that, burned through a lot of cash and reserves to get to this point, and although Washington D.C. tells us the recession ended a few years ago, its crystal clear

(and not terribly surprising) that their multiple press releases bear little resemblance to the conditions in non-urban America.

In passing through this calamity the phrase "long gradual," has certainly held very true.

Beginning in 2013 the logging world has had a considerable uptick in demand and business, in no small part due to their being fewer loggers and fewer logging contractors. That should bode well for business, and virtually everyone we talk with confirm things have improved. Last year was the best for most since 2007, and this year is coming in even better. But that did not significantly trickle down to us.

Loggers World Publications has seen this gradual improvement as well, but it remains short of increased costs accelerating at a more rapid pace, and a lot of uncertainty for at least another three years if not longer. Press costs, mailing, fuel, benefits all rising. However the key problems are the same many businesses face... uncertainty, a lengthy economic downturn, lengthy drain on reserves, time is moving along and there will be at least another three years of uncertainty in front of us, primarily from both Federal and State governments. For the continued risks there is a very limited reward in sight.

My late wife Susan and I have owned *Loggers World* just over half of its life. It's been a wonderful ride, meeting and getting to know our industry, being allowed to see and meet the contractors, crews, witness the innovation, tenacity, heart and grit of the logging world. We've traveled all over the country and parts of the world including Canada, Finland, Germany and France, finding the mindset and attitude being the same for loggers anywhere in the world.

We've witnessed first-hand the cultural cleansing of the timber wars starting in the late 80s, the decline of our federal forests and the surrounding communities.

On the positive side of the ledger, and contrary to what the media tells the world, logging's resilience, creativity and determination has constantly flexed, changed, and adapted to the rapidly changing public policy. It's ironic that in the same time frame, the media's inability to adapt and brought many newspapers, magazines and electronic media to their knees, a mere ghost of their former selves. When the paradigms shifted, and the internet arrived, print in general was firmly imbedded in 1950.

I love this industry and the vast wealth of the personalities within it, virtually all of whom I consider friends. I've always been at home wherever I've landed in logging, being welcomed with open arms, and sharing your crew, company, thinking and incredible innovation and approaches to real-world logging issues being solved with great creativity and genuine insight. It's not just the business, however, it is the attitude and drive that separates our numbers from the population as a whole.

We've been blessed with terrific crews in our tenure: the additional 20 years of Rigging Shack columns from Finley; Kevin Core, who's been part of *Loggers World* a year longer than me, a solid colleague, and good friend who most have talked with for advertising the past 26 years... there is none better; Jim Holding, long time ad manager for *Log Trucker*; many writers including Bill Palmroth, Myron Metcalf, Otto Oja, Darin Burt, Jerry Capps to name a few. And we've had several office managers as well, longest term was Jean Hays (Finley's wife), the heart of *Loggers World* from the start in '64 until early in 1990, when my beloved wife and partner Susan took over the reigns until her passing in 2006, then Julie Clark, and finally Holly Larson. As occurs in logging, the company is the people, and we've been blessed with a fine crew.

Logging will, as Finley held from his first issue, survive even these hard times. We're an industry of survivors and innovators, and those forests are only turned into cash when the trees are horizontal, and we do that better than any loggers in the world.

It's been an honor serving all of you the past 50 years, and my past 25 years. Log safe, and may God bless and protect you, your crew, and families. You will always be in my mind for the rest of

(Continued on Page 11)
See "From the Stump"

In This Issue...



COVER PAGE PICTURE: DOUG PIFER THINNING timber with Timbertec's Kobelco ED150 carrier with a Keto 500 dangle head processor on their Olympic Peninsula thinning side. Timbertec has a second thinning side running near Mossyrock, Washington as well. Pifer has run this particular Kobelco "... since the early 2000s," he explained noting, "this has 25-26,000 hours on it now, with a few engine rebuilds," for good measure. He started logging after graduating from forestry school in '73 and has worked for Timbertec, Inc. the past 17 years.

See "Lots of Personal Satisfaction" starting on Page 4.

2 RIGGING SHACK "CLASSIC" - by Finley Hays
STARTS ON PAGE 2 OF *LOG TRUCKER*

2 THE BAD NEWS AND THE GOOD NEWS
- by Mike Crouse

4 "LOTS OF PERSONAL SATISFACTION"
TIMBERTEC INC. • BELLINGHAM, WASHINGTON

17 2014 DEMING LOGGING SHOW

23 AS WE SEE IT...

24 ONE WYOMINGITE KO'S THE EPA
- by William Perry Pendley

25 ROUNDUP

26 IRONMART

29 SHOW & SELL

30 INDEX/COMING EVENTS



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"LOTS OF PERSONAL SATISFACTION"



BELLINGHAM, WASHINGTON

by Mike Crouse

An improving market place in 2011 was the catalyst enabling Chris Secrist to put the Timbertec, Inc. cut-to-length thinning operations back to work after an 18-month layoff that began with vanishing markets in 2009. Thus in the summer of 2011 Secrist asked, Gordon Iverson, who had done business with The Oeser Company and Secrist from back in the late 70s, to work with him and manage those sides. "That crew didn't need to be told how to log," Iverson explained of the veteran staff, "they just needed adequate work ahead, and if they needed questions answered, I could answer for them."

Iverson explained by that point in 2011, "...the log markets began to improve to the point where landowners wanted to look at thinning again. I took a woods tour with them and told them what we could do," which led to their being given, "...a place to start, tried it out, reviewed it, and decided they'd continued finding other places."

The first site was just outside Mossyrock, Washington with a single harvester and forwarder.

"It's very important to understand," said Iverson, "that thinning is not a once-size-fits-all," operation.

"They're carefully considering is this right approach, and the most profitable way to reach the goal," on that piece of ground. "There are several considerations, he explained, including the "...time/value of money and product rotation at 50 years." Amongst those considerations are, "...if you're able to come in at 25 years (thin the stand), improve the forest and generate cash in between."

Timbertec started their second thinning side in late November this

(Continued on Page 5)
See "Timbertec"



GORDON IVERSON (right) talking with Pope Resources forester **Mike Glass** on the TimberTec thinning operations on the Olympic Peninsula Pope Resources Tree Farm. Iverson manages TimberTec's cut to length thinning operations, and Glass is Pope's area forester, overseeing that 22,000 acre block of timber land.

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TOM BROWNING operating TimberTec's Valmet Timbco 445EXL feller buncher, with a LogMax 7000 dangle head processor, thinning timber on their Mossyrock cut-to-length side. Browning's logged the past 15 years having run a variety of equipment, and started with TimberTech this past July. "This is operator select," he explained. "They give me what I'm allowed, trees left per acre, and what they want going to the mill. The rest is up to me to make it happen." He lives in Yakima, but stays in nearby Rochester during the week.



Timbertec

(Continued from Page 4)

past year, out on the Olympic Peninsula, and they're continuing to stay busy.

In the beginning

Timbertec's roots extend back to early 1990 with The Oeser Company in Bellingham, Washington, which was established in 1929, and had been involved in logging a number of years, which also fed their pole operations. "We'd bought a DNR (Washington Department of Natural Resources) thinning sale out of Sedro Woolley as a fill in for our pole sides back in '89 or '90," Crist explained. That's when they considered their first cut-to-length (CTL) system, "...purchasing a Timberjack 910 (forwarder), and a Kobelco 120 with a Keto 150 proces-

(Continued on Page 13)
See "Timbertec"



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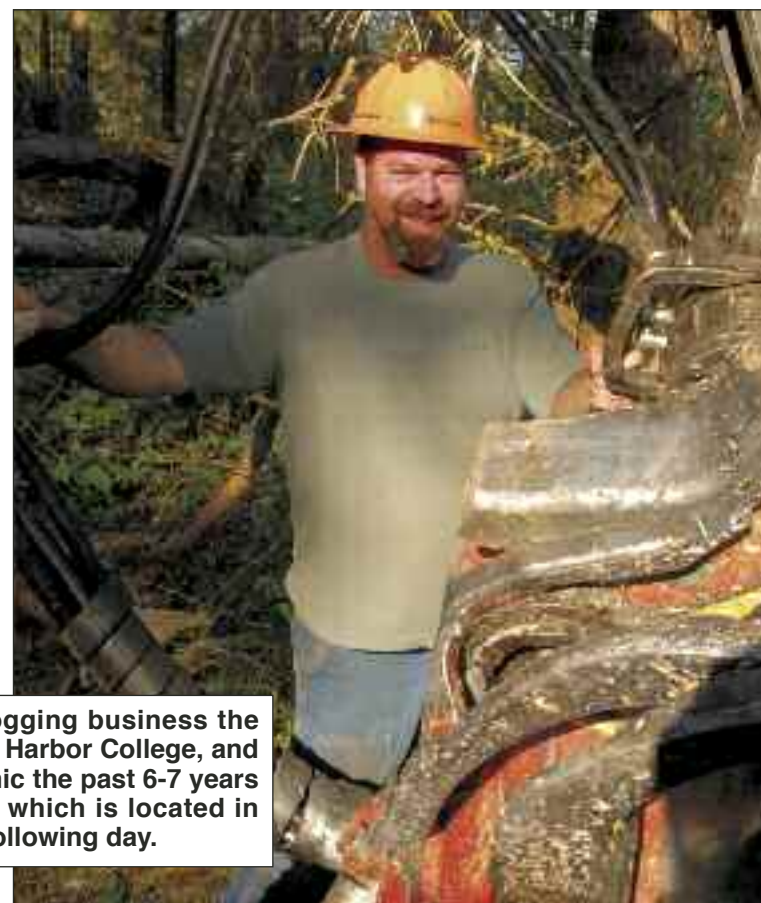
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MAARTEN SPENCER is TimberTec's mechanic and has been in the logging business the past 20 years, joining TimberTec in '99 and spending two years at Gray's Harbor College, and working for a few other companies over time. He's been the lone mechanic the past 6-7 years he said. Spencer lives in Olympia, a short drive to TimberTec's shop, which is located in Yelm. He's smiling because he was starting his summer fishing trip the following day.



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BUILT TO WORK



COREY RAUCH operates TimberTec's '98 Timberjack 1710B 8-wheel-drive forwarder on their Mossyrock thinning side. He's logged all his life, starting at 18 "talking myself into a job," and joined TimberTec 17 years ago. "Once I saw their equipment I knew that's what I wanted to do," Rauch said with a smile. "I love my job, no problem coming to work in the morning." Below Rauch is loading the No. 7 Rathjen '99 Kenworth T800, driven by Steve Bush.



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2006 58" Pierce Brush Grapple, excellent condition **\$12,500**



1997 Cat 320 w/Denharco 4400 telescoper, new computer **\$39,000**



Cat 518 Long Frame Skidder, single function grapple, winch available ... **\$24,000**



1985 JD 640D, 10k hrs, single arch w/Prolenc snubber, sorting grapple, winch, 2nd trans, reinforced blade **\$29,000**



1993 Rottne Forwarder, 18,500 hours, new Ford Diesel engine **\$22,000**



1981 Ford F250 4WD w/300 gal tank, high pro pump, USFS approved, live hose reel, fire tools..... **\$6,000**

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2006 Peterson horizontal track grinder, 75,500lbs **\$265,000**
Climbing Gear, shackles, blocks, rigging..... **CALL FOR PRICE**
Ford 9000 18' flatbed w/hoist, Cummins 400, very clean **\$8,500**
Tree Jack, like new, fits small Acme Carriage, for 1" line. **\$1,200**
2005 Timbco 445 EXL, bare machine **\$110,000**
1994 Suburban, 4x4 new rubber, AC/Heat, 3rd seat..... **\$3,500**
100 Gal. Diesel Fuel Tank..... **\$300**
Mulching Heads, fits small excavators..... **CALL FOR PRICES**
Bowman Mark IV, aircooled Deutz, very good & straight, radio & bugs..... **\$25,000**

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Jewell 42" Grapple,

new rotation motor, 500hrs, w/book cost new \$14,000, AD PRICE is **\$7,900**



TOM GALLAGHER oversees TimberTec's Mossyrock thinning side explaining, "I help Gordy with the units, do training on new operators, and a mechanic's helper... sort of an all-around guy." He started logging in his teens as a "cedar rat" (cutting cedar for shake bolts), then assorted jobs until he joined the crew 20 years ago.



MIKE GLASS is the area forester for Pope Resources on the Olympic Peninsula, where TimberTec's second thinning side was working. Glass completed his forestry degree at Washington State Univ., joining Pope full time in '97.

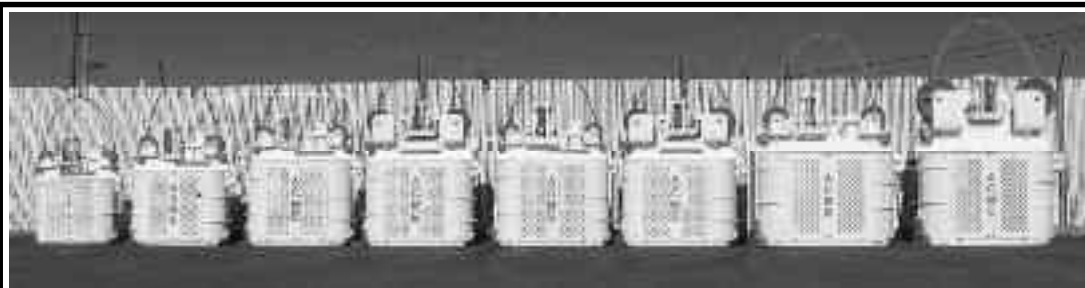
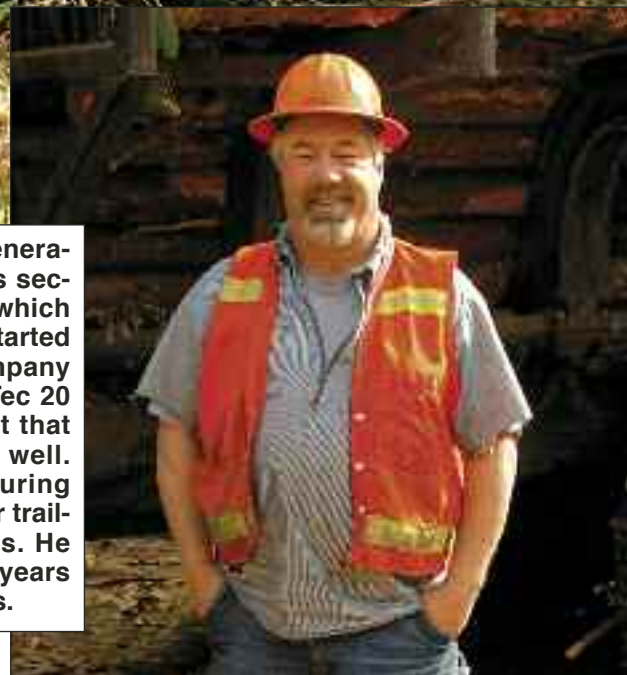




THE '78 Timberjack 1710 FORWARDER is rated at 17-tons with 22-ft. bunks, being unloaded by Dollarhyde at the landing, where a shovel operator sorts, decks the wood and loads trucks.



GREG DOLLARHYDE is a second generation logger and operates TimberTec's second '98 Timberjack 1710 forwarder, which he noted, "...is very durable." He'd started working for his father's logging company til the late '90s. He'd joined TimberTec 20 years ago, operating forwarder most that time but can run the processors as well. "We stay here (on the Peninsula) during the week...they put us up in a motel or trailer," if the drive exceeds 90 minutes. He lives in Chehalis with his wife of 32 years and their four sons and two daughters.



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LOG LOADERS

2013 Cat 568LL, 2,200 hrs.	\$410,000
2004 Cat 330CLL, Jewell grapple, recent repairs, good u/c	\$155,000
2004 Cat 320CFM, 17,000 hrs, good u/c, 2 available	POR
2006 Komatsu PC 300-7, 17,000 hrs, forestry cab, Pierce grapple	\$73,900
2008 Komatsu PC 200, Pierce grapple, 4,000 hrs	\$199,000
2004 Komatsu PC 300, 17,000 hrs	\$87,500
2008 JD 2554, Jewell grapple, 11,200 hrs., new u/c & rebushed & pump drive	\$185,000
2000 Prentice 625 CRX, w/Jewell 3 axle carrier, rblt Cummins in upper, 13,000 hrs, xlent cond.	\$135,000
1997 Link-Belt 3400Q, w/Pierce grapple, good u/c, 3 bar	\$55,000
2004 Link-Belt 240LX, w/ Pierce grapple	\$69,500
1997 Link-Belt 2800Q, w/ Pierce grapples	\$55,000
1995 Case 9040LL, w/Pierce boom & grapple, 11,500 hrs, good u/c, Cummins power	\$60,000
2010 Kobelco SK 260, 5,900 hrs, 90% u/c, xlent cond.	\$165,000
2005 Kobelco SK 210, 17,000 hrs, recent hyd pump, good u/c	\$87,500
1997 Kobelco SK 220, 15,000 hrs, recent rotex, rblt motor & finals	\$49,500
Jewell Brush Rakes to fit 63" Jewell grapple, with stand	\$6,500

DELIMBERS

2010 JD 2154, w/2010 Waratah 622B, 6,000 hrs	\$205,000
2003 JD 2054, w/Waratah 622, recent pump, uc, swing bearing, color screen	\$77,500
2005 JD 2554 w/05 Waratah 622B, color screen, 10,000 hrs, RB front	\$149,500
2009 Cat 320 DFM, w/09 Waratah 622B, 5,700 hrs, xlent cond.	\$275,000
2001 Cat 330B, w/ 08 Waratah 624C, 7,000 hrs, Cat rblt carrier, 4,000 hrs	\$200,000
2002 Kobelco SK 330, w/02 Waratah 624, rblt motor, rb front	\$92,500
2004 Link-Belt 240, w/04 7000 Log Max, 16,000 hrs	\$115,000
1994 Link-Belt 2700, w/20" Waratah 230A, RB front	\$25,000
1998 TJ 608B, w/TJ 758 head, 9,000 hrs, good cond., Lots of parts	\$85,000
Waratah 624, good cond, w/controls	\$39,500
2003 Link-Belt 240, w/3348, recent drive motor, 18,000 hrs	POR
2003 JD 270, w/9000 Log Max	POR
2002 Link-Belt 240, w/3348, rblt pump, motor and swing	POR
2004 JD 2554, w/Pierce 3348, rblt delimber, xlent cond.	\$129,500
Timberjack 635, w/DM 3500, new rads, recent pump, boom drive motor, pins & bushings	\$39,500
2005 Madill 1236, w/DM 4400, excellent cond, new paint	\$87,500
2000 T-BIRD 1236, w/DM 4400	\$55,000

BUNCHERS

2011 Tigercat LX830C, w/5702 Tigercat hot saw 23", 4,500 hrs, like new cond.	\$380,000
2004 Tigercat 870L, w/23" hot saw, 12,500 hrs, rblt motor	\$140,000
2012 JD 959K, 4,700 hrs	POR
1997 Madill 3200B, Rotosaw, 14,000 hrs	\$47,500
2004 Madill T2200B, Quadco 22" 360 hot saw, new u/c	POR
2006 Timbco 445EXL, Quadco 22", new pumps, good u/c, 12,000 hrs	\$140,000
2004 Timbco 425EXL, w/ 32" bar saw, 6,200 hrs, good u/c, hot saw ready, xlent cond.	\$135,000
2000 Timberking 723T, w/24" hot saw, recent rblt motor rads, pumps, bushings, rotex, repac cyl	\$79,500

1998 TJ 950, w/Koehring 24" saw 13,400 hrs, good cond	\$38,500
2006 JD 953G, 24" hot saw, 10,600 hrs	\$130,000
1999 Timbco 445D, 2000 hrs on rblt motor & pump, good u/c, bar saw	\$95,000

EXCAVATORS

2007 Kobelco SK 210 LC, w/clam bucket & brush rake, 9,000 hrs	\$75,000
2006 Kobelco SK 350LC, w/bucket, 7000 hrs.	\$90,000
2000 Kobelco 135, 5650 hrs	\$35,000
2000 Link-Belt 2800Q, w/HPF bucket & thumb, 9000 hrs	\$40,000
1999 Cat 322, w/bucket & thumb, 13,200 hrs, rblt motor, c/w heel & 52" grapple	\$49,500
1997 JD 690, c/w bucket & thumb, quick change	\$35,000

SKIDDERS & DOZERS & GRADERS

2010 JD 648H, dual fnctn bunching grapple, w/chains, 70% rubber, xlent cond	\$185,000
1995 JD 748E, dual fnctn bunching grapple, w/winch, 8,900 hrs., 30.5X32 rubber	\$55,000
1996 JD 548G, dual fnctn bunching grapple, w/ winch, 11,000 hrs	\$34,000
2005 Cat 527, swing boom, w/sorting grapple, 5,000 hrs., xlent cond	\$237,500
1998 Cat 527, w/sorting grapple, winch, rblt trans, torque, 14,000 hrs, good u/c	\$150,000
2001 Cat 517, w/swing boom, new u/c and paint, recent motor & trans, 14,000 hrs	\$140,000
Cat D6E, w/ grapple	POR
Cat 518C 95U, w/swing boom, rblt motor, pump, brakes, 2 new tires, sorting grapple	\$27,500
Cat 518C 95U, w/dual fnct, rebuilt motor, trans, torque, diffs, brakes, 2 new tires	\$25,500
Clark Ranger 667, w/winch, 28X26.5 good rubber	\$14,000

FORWARDERS & HARVESTERS

2001 Timber Pro TF 820E, 3,300 hrs w/grapple, w/brush hauling dump bed	\$180,000
--	-----------

YARDERS & SWING YARDERS

Diamond D210, new motor, recent trans, rebuilt drum set and rebearing, fair leads	POR
Washington 188, on 4 axle carrier, can run all logging systems, new paint, xlent cond	\$250,000
Cat 322, w/2 Pullmaster HL-25-4 piston motors, rebuilt Cat motor	POR
Kobelco 300, w/2 Pullmaster, guyline winch, ele. chockers, recent pump, 17,000 hrs	\$112,500
1994 Hitachi 200, w/2 Pullmaster, guyline winch, new paint, work orders	\$119,500
Link-Belt LS98, w/Eaglet, Allison trans, Detroit power	POR
T-Bird TMY 57, new 8V92T, new lines, c/w 2 Boman cars	POR
T-Bird TY90, T100HD, 7 guyline, trl mount, Cummins KTA1150	POR
Madill 071, Eaton water on all drums, 4 guylines, good lines & rigging	POR
Skagit 737, T100HD, self prop, 7 guyline, 1' 1/4, rblt KTA1150 & trans, good lines	POR
Skagit 739, T100HD, self prop, 7 guylines, Cummins KTA1150 power	\$210,000
Skylead SC40, on TJ 450, water on haulback, Cummins, Allison, rblt drums, w/car	\$110,000
Washington 137, Slackliner, T90, self prop., Cat 3408, 8 guyline, 1" 3/8 yarder	\$160,000

MOTORIZED CARRIAGES

Eagle 5, low hrs., like new	\$75,000
2007 Eagle 5, rebuilt car, 4 bugs, smart box	\$60,000
Acme 20, shackle passer	\$25,000

FIRE TRAILERS, TRUCKS & TRAILERS

2011 Western Chip trl., 48', 3 axle, rear axle lift, HD for woods app., aluminum body, 4 avi	\$39,500
--	----------



JASON DAVIS decking wood on TimberTec's Olympic Peninsula thinning site with the '95 Kobelco 200SK Logger Extreme with Jewell boom and grapple he operates. Davis is a fourth generation logger who joined the crew in 2011, and makes his home in Centralia. "I stay here during the week and go home on the weekends." The Kobelco has 14,000 hours on it and has a new motor.



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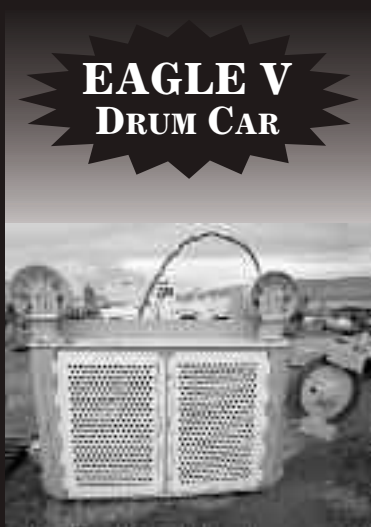
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CHRIS SECRIST is the principle owner of Timbertec, whose offices are in Bellingham, Washington.

Timbertec

(Continued from Page 4)

sor," and they were off and running. Soon thereafter Secrist added that, "Crown Pacific asked us to put together a side," on their forest, then a third landowner did the same so within a year, "...we had three dedicated (CTL) sides going."

The demand and growth continued the next few years finally peak-

ing with their having nine CTL sides up and running from '95-'97, when private landowners began moving away from CTL operations, and the public land sales, "... no longer specified CTL only, allowing other harvesting systems to be used as well," and again the "emphasis changed a bit."

From their start with CTL operations Timbertec committed to maintaining "standard equipment," of the same size, make, and variety, Secrist explained. "One of the ad-

(Continued on Page 15)
See "Timbertec"

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2004 MORGAN SX706SB, 6 WD, 3,103 original hours, very good tires, swing boom, 120" grapple open, full rotation, 8.3 Cummins @ 260 hp, hydrostatic drive, ROPS, cab, AC, approx 39,000 lbs, job ready...**\$112,500**



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1993 PRENTICE 410DX, Cummins, joystick controls w/foot swing, live heel, 1981 KW, mixer chassis, Detroit, just off job...**CALL**



2006 KOMATSU PC200LC, Waratah 622B processor, high and wide, forestry cab, consigned unit located in our yard in Redding, CA...**\$120,000**



2006 CASE 821C, 4-yard bucket, auto shift, ride control, 23.5x25 radials, prior government unit, good, clean, machine, 3,988 hrs...**\$89,500**



2010 CASE 621E XR, Tier III, 162 hp, Case engine, smooth-edge bucket, good 20.5x25 tires, AC, heat, 27,600 lbs., 3,830 hours, just off lease, Tink roll-out bucket available for additional cost...**\$95,000**



2006 JD 544J, very good 20.5x25 radials, 3-yard smooth-edge bucket, cab, AC, joystick, 4,616 hrs...**\$79,500**



2006 KOBELCO SK250 LL, Jewell Shovel Logger Extreme build-up, Jewell grapple, h&w, side-entry forestry cab, 24" track shoes, good undercarriage, rock guards, shows 12,000 hr...**\$97,500**



2004 HITACHI ZX350LL FORESTER w/2008 Waratah 624C Processor, heel rack, low hours on 624C, good undercarriage, runs & works well, 13,337 hours...**\$199,500**

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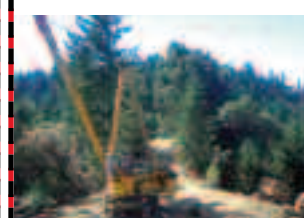
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2007 CAT 320FM LOG LOADER, high & wide, 7,800 hours...**\$185,000**



WASHINGTON 188 YARDER, Detroit 8V92T power, 4-axle carrier, standing skyline, Eaglet motorized carriage, good, clean unit, work ready...**\$200,000**



2006 JD 759G FELLER BUNCHER, saw head, good undercarriage, JD engine, tilt cab, working daily, 12,000+ hours...**\$100,000**



1995 CAT 325L LOG LOADER, very good undercarriage, working now, good for age, 19,000+ hours...**\$65,000**



CAT D4H TSK GRAPPLE SKIDDER, winch, good undercarriage, very good overall condition, 9,000+ hours...**\$60,000**



2000 CAT 416C BACKHOE, 4X4, 4n1 ext hoe, OROPS, very clean, 2,800 original hours...**\$32,500**



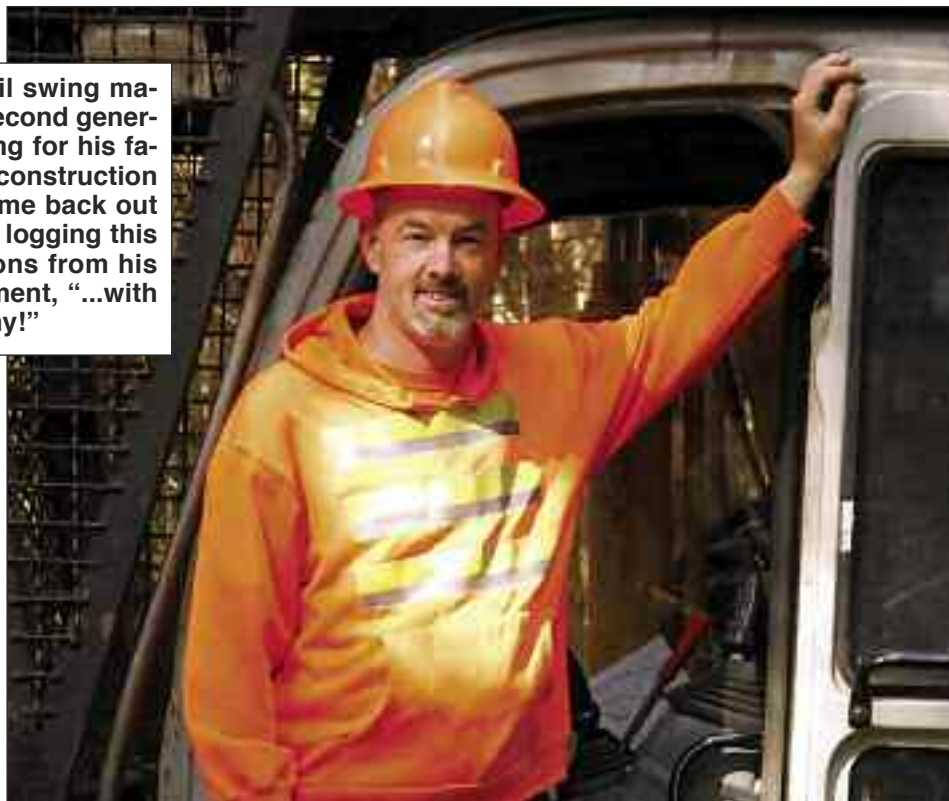
JD 690E EXCAVATOR, bucket & thumb, plumbing for masticator, daily worker, 9,000+ hours...**\$22,000**

MEDFORD LOG FORKS, for 966D/E, double top clamp, fair/good condition...**\$4,000**

BALDERSON LOG FORKS, for 966D/E, double top clamp, missing one cylinder, fair/good cond...**\$2,500**

SOLD

KEITH DOLLARHYDE thinning with TimberTec's Kobelco 150 zero tail swing machine, with Jewell boom and Keto 150 dangle head processor. He's a second generation logger and has been logging, "...since I was very young," working for his father's company. He originally joined TimberTec in '93, then went into construction in 2003, and when that slowed down this past year, "...they let me come back out and do a little of this this winter, it's been kinda fun!" He got back into logging this past February and noted he'd recalled the maintenance and operations from his earlier stint in the business, and was surprised to find today's equipment, "...with this thing I haven't got much of a break.. it runs like the Energizer Bunny!"



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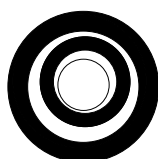
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Timbertec

(Continued from Page 13)

vantages of keeping with standardized equipment, is you're able to utilize machines taken out of service for replacement parts." With the exception of the Valmet Timbco 445 with LogMax 7000 processing head, they have run Timberjack forwarders, converted Kobelco carriers with Jewell booms, and differing sizes of Keto dangle head processors. "We've sold a few, but for the most part, with the value of old iron, its worth more as an inventory

of spare parts." He then added, "...the trade-off is production, of course, but a new side and machine, purpose-built, or custom built like we do, (the likely price) range would be \$350,000 at least." The validity of his thinking you can see on their working sides, older machines, maintained, updated, replaced engines and some other components, but still both solid performers and productive. He also credited mechanic Maarten Spencer for his part in maintaining and keeping things running smoothly.

In 1999 Timbertec was formed as

a separate corporation, and a wholly owned affiliate independent of The Oeser Company, taking over all thinning operations.

Secrist first joined The Oeser Company when he was 20, "...when I got a job on a summer construction crew," he explained then later on "moved to being a greaser." He'd graduated from Western Washington University with a degree in geology and later when the company forester, "... had me go out and cruise timber with him," which led to his getting a job with their timber company. Over time in 1990



Charlie Nadeau, Operator for White Oak, Inc.,
Saint Francis, Maine

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CARL RATHJEN lines up his wrapper before binding the load. He drives Rod Rathjen Trucking, Inc.'s '99 Kenworth T-800 log truck, and has logged the past 36 years.

when the opportunity presented itself Secrist purchased the company, literally working his way to the top.

Timbertec continued their thinning, adjusting with the changing demands, and running three or four sides until the markets collapsed entirely in 2009 when they parked the machines and laid off the crew for 18 months.

Gordy Iverson

Iverson is a Whatcom County native, growing up in Custer, whose family has a long history in the logging industry. "Dad (Gilbert) had a sawmill there. and his father (Ole Iverson) he built the mill. When his father died, my dad and uncle (Leo Iverson) took over that mill and ran it until 1960," thus sawdust was running in Iverson's veins early on. Following high school graduation in '63 he enrolled at the University of Washington. "I worked for Georgia Pacific (GP) when I was going to school, during the summers, breaks, any time I was free," he explained. "That funded my schooling." He graduated in '67 with a BS in forest engineering, majoring in logging engineering in 1967 then he joined the Army.

The army put him in engineering school, graduating from officer can-

(Continued on Page 16)
See "Timbertec"



THE NO. 28 Rod Rathjen Trucking, Inc.'s '99 Kenworth T-800 log truck has a 475 HP Caterpillar diesel power plant, and is driven by Carl Rathjen. From when TimberTec had started their cut-to-length (CTL) thinning sides, Rathjen worked cooperatively with TimberTec, buying trucks and pup trailers setup to haul the CTL logs, and has been their primary hauler since that time. "Mostly for TimberTec we try to keep up on their short logs for them," Rathjen said.

Timbertec

(Continued from Page 15)

didate school, and graduating as an engineer officer and transferring to Ft. Knox, Kentucky where the post commander noted his background, and where they needed to fill a vacancy for post forester, put Iverson in the position. "I spent a year there doing what I'd graduated in," Iverson smiled. "I put up, advertised,

sold and administered timber sales. It was an interesting time. Selling the sales was interesting as well."

He returned home to the Bellingham area after leaving the Army in 1970, joining GP, "...starting out in the engineer crew, designing roads, engineer settings, bought and sold logs," Iverson said, and stayed with the company until the Summer of '88, when he worked for WC & Son Logging, working for his father in law Bill Corning. "I was the compa-

ny forester," he said, "buying timber sales, finding work for them."

Land acquisition

When Iverson started with Trillium Corporation, he had designs on becoming a partner, "...but they didn't want a partner, they wanted a forester," Iverson explained. He was a contractor for them initially, buying property, "and getting paid to help manage the land," and a lot of land was pur-

chased. "It was an interesting couple of years. I helped them acquire the tree farm and the thought was managing that tree farm" and at some point in that process, "...around 1990, I switched from being a contractor to being an employee." The program lasted until '98 or so when Trillium sold the tree farm

(Continued on Page 18)
See "Timbertec"



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JOHN ZENDER

Born at he parents home March 4th 1929, to Jacob and Catherine Zender in Kendall Washington, John Zender was the sixth of eleven children, nine brothers, Pete, Dick, Bee, Nick, Red, Jake, Dan, Jim and two sisters Mary (Williamson) and Kay (Cox). Two brothers, Dick and Red, his sisters and six sister in-laws.

"Our family was based on faith, family, work and sports, we were members of St. Peter's Catholic church in Kendall," Zender explained. "Growing up on the family farm we all had to pitch in milking cows by hand before school and af-

ter. My dad was also logging at Silver Lake with my Uncle Henry and Uncle Tom Burke contracted with Warnick Lumber Company of Bellingham."

Zender started his education in a two room school house in Kendall where he completed grades one through eight, then continued his education at Mt. Baker High School in Deming graduating in 1947. "After graduation, when he was 18, "...I started my logging career with my brother Nick and cousin Joe Zender. We logged for my dad behind the home place. Joe and I would fall the trees with a cross cut (not power

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■ Circle 27 On Inquiry Card – Pg. 30



JOHN ZENDER

2014 DEMING LOGGING SHOW BULL OF THE WOODS

saw) and Nick would drag them into the landing with a D4 Cat. We would rig a tree to load the logs and Gene Altman would truck them to the market. It was our first paying job, and I was able to buy my first car a 1948 green Pontiac."

"Sports were a huge part of our family," said Zender. "We all loved baseball. In 1948 I was selected to try out for the New York Yankees for a position in left field. I traveled to San Francisco to attend the Yankees try-out camp. Upon coming home with a contract to play ball for them I took a break and logged for my dad. Unfortunately I injured my neck and shoulders in the woods. This injury resulted in ending my baseball career."

In 1949 along with brothers Pete, Dick, Bee, and brother in-law Lee Williamson they formed the Zee Brothers Logging and Trucking Company. They logged Boulder Creek in the early years operating two sides.

"I met the love of my life Celine Waechter from Abbotsford, B.C.," Zender explained, "and we were married November 17th, 1951. We were blessed with six children Dori (Ron Moa), Pat (Pauline), Dale (Carmen), Diane (Jim Mallahan), Perry

(Karen) and Don (Linda), 17 grandchildren, 26 great grandchildren with another one due in October. We will be celebrating our 63rd wedding anniversary this fall."

In 1952 Zender and his brother, with a couple of extra ball players, "...got together and formed a semi-pro baseball team called the Deming Loggers. We logged during the day and played ball at night," Zender recalled. "We played against local teams and placed first in our league. We went on to compete for the 1956 National Semi-pro title in Wichita Kansas where we lost to Fort Wayne Indiana and placed second."

"In the late 1950's and early 1960's the rest of my brothers, Jake, Dan, Jim and brother in-law Deny Cox joined the Zee Brothers," Zender continued. "In 1963 we bought our first steel tower and we were logging at Jackman Creek east of Concrete. We had five logging trucks and I operated a SJ6 Skagit mobile log loader with a line grapple. My brother Jake ran the P and H shovel log loader.

During this time they designed a device that Skagit built for us that

**(Continued on Page 18)
See "John Zender"**

(Continued from Page 16)

JUNE 2014
LOGGERS WORLD

to Crown Pacific, and they no longer needed a forester.

That led too the formation of



C&G Timber, "...buying public and private, land and timber sales until the economy crashed in 2008.

The fit with Timbertec has worked well for Crist and Iverson. "I still look at my main function as to make sure they have work," Iverson said. "We're always looking for more: employees and more equipment, and as opportunity presents itself we'll expand. There's still equipment inventory sitting, probably three more processors and forwarders that could go in the field if the opportunity arises. It all hinges on circumstances."

Crist noted that after the long layoff, that they were "...very fortunate that nearly all of our crew was able to come back," a very experienced, well trained, cross trained group of journeymen veterans with a lot of experience in thinnings."

Today's company

Timbertec's shop has been located in Yelm. "It's still a good

place for where our business is located," said Iverson. "Our equipment is stored there."

Presently they're running two thinning sides:

The Mossyrock side, which has a Valmet Timbco 445 with a LogMax 7000 dangle head processor, and a Timberjack 1710, 17-ton forwarder.

The Port Gamble with two Kobelcos, a Kobelco 150 with the Keto 500 processor, and a Kobelco 150e with a Keto150 processor. They are paired with a Timberjack 1710 forwarder, and a Kobelco shovel with Jewell boom and grapple.

Both crews stay near the job then travel back home for weekends. "If the jobs over 90 minutes away," said Iverson, "we start to look at the wisdom of putting them up (with rooms), both for safety and just wear and tear on the person."

They typically work a five-day week, Iverson explained. "If we need to we can work the occasional weekend, but that's not for normal

logging, but something like storm clean ups or trying to catch up."

Much of the crew has been with Timbertec for 20 years, and have a loyalty and high regard for one another that's evident in their quality and experience. Beyond pay their compensation includes a retirement plan (401(K)), health insurance for employees (spouses can be purchased as well), Federal Holidays, and paid vacation.

The company is very good at what they do, have a lengthy record of performance and recognized expertise, and a group of veterans all of whom understand and deliver a thinned forest meeting the expected landowner goals with minimal disruption of the remaining stand.

Iverson added, "We believe we could do more. The work is there."

"There's lots of personal satisfaction for doing what we do," said Sechrist. "good for the resources, good for the industry."



John Zender

(Continued from Page 17)

would help make our logging production more efficient and faster, Zender explained adding, "...we called it the Carriage. It was a large device made of steel with rollers inside of it that would ride the main line with chokers on it. We would have the choker men hook the logs and my brother Bee on the yarder would pull them in and load them on the trucks." Today the Carriage is used throughout the logging industry and is called the Bullitt, among other names as well. "We were contracted for Scott Paper Company for over fifty years. We logged Skagit, Snohomish, and Whatcom counties. I loved loading logs onto the logging trucks and I

had one day with 33 loads with 10-15 logs per load. We kept our 19 trucks busy with three big towers (three sides). I also enjoyed operating all the machines."

Baseball continued after their playing days as well, Zender explained. "In 1968 Celine and I, with four other couples, organized and coached the first Little League baseball club in our Deming community. We formed the Babe Ruth and PeeWee leagues and had a lot of fun. These leagues are still running strong with many teams today. During that time I operated a bull dozer to help clear and prepare this (Deming) Log Show site— I tried to never miss a show."

In 2001 the Zee Brothers Logging and Trucking Company retired, said Zender, "...but I continued to log for three more years. With one

shovel and one cat I operated the K170 hydraulic grapple shovel, Fory McComber did the falling and bucking and brother Red did the hauling. We contracted with private land owners. I decided to retire in 2003 at 74 years old. I enjoy keeping up my home, my vegetable garden and mowing with my tractor. But most of all I enjoy spending time with Celine, our children and all their families."

"Looking back over the years I feel thankful that God had given me the opportunity to be a part of the logging community and working with my family for 50 plus years. I would especially like to thank my wife Celine for all her support and a thank you to the Deming Logging Show for electing me the 2014 Bull of The Woods, truly an honor."



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69TH Annual Olympic Logging Conference...

INDUSTRY CAPACITY

MEETING
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LOGGERS WORLD JUNE 2014

by Mike Crouse

A crowd of over 200 logging contractors, timberland owners, mill operators and machinery sales and support crew assembled in Victoria, BC Canada at the Victoria Convention Center within The Fairmount Empress Hotel for the 69th Olympic Logging Conference, whose official opening was on Thursday, May 1st.

This year first general session opened at 8 a.m., a first in recent memory, whereas in previous years the opening session was at 1 p.m.,

(to allow 8 a.m. morning ferry passengers arriving from Port Angeles to make the program) this year opening allowed a full day of programs, a move, which based on participation, was well accepted by all, and if anything the numbers in attendance seemed to have increased.

Those arriving on Wednesday had a few options beyond sightseeing, including a using a 'zipline' (Adrenalin Zipline), or golfing, in addition to annual dinner sponsored by NC Machinery/Caterpillar at the Grand Pacific Hotel, and a meet and greet in the Ivy Ballroom at the Empress

that evening.

Thursday and Friday mornings open with a 7 a.m. breakfast in the Empress' Palm Court, with early risers option to attend "Jack's Spot" where Jack Zaccardo (retired forester and former OLC President) presented a different logging history photography program each day, showing a sampling of the literally thousands of historic photos in his collection, set to a theme, and giving a rich description not only of the subject in that photo but drawing attention to "what's behind" the scene.

Thursday's session was opened by this year's OLC President Jeff Adams.

The opening program, What's new in logging, led off with Russ Smith (Modern Machinery) outlining their yarder rebuilding program, which runs out of their extensively extended facility in Rochester, Washington, where as the title notes they rebuild and renew existing yarders. "We bring them in, strip them completely down, and start re-

(Continued on Page 20)
See "69TH Olympic LC"

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20 69TH Olympic LC

(Continued from Page 19)

LOGGERS WORLD JUNE 2014 building them back up," said Smith. "Doesn't matter which brand you bring in, we can work on any of it."

The second presenter was Peter Pearson (Clearwater Services) on log-yard storm water treatment systems, out lining systems they've designed and installed that are presently running, and how those systems operate, specifically addressing the system in place at the Hermann Bros. log yard outside Port Angeles (See Loggers World, September 2013).



RUSS SMITH
Modern Machinery's Yarder
Rebuilding Program

Matthew Greenwood (Cenega Solutions) presented the integrated electronic load tracking hardware and software developed by the company he represents and efficiencies available using those system options.

Industry reports session led off with WCLA's Jerry Bonagofsky reviewing the progress of the Logger's Safety Initiative, and steps being taken to address the L&I (Washington Labor & Industries) ground classification base (insurance rate). "Currently 80 companies have signed up with an additional 13 signing up in the first quarter to bring that number to 93 total presently."

Bonagofsky added, "We're seeing a positive trend, (claims are) going the other direction, and fewer serious claims...(in addition to) reported hours are increasing. Accident prevention is simply the goal of the LSI: To go home safe at the end of the day."

Duane Evans (Port Blakely), and president of the Pacific Logging Congress (PLC) outlined this fall's PLC Live-In-The-Woods show Sept. 25-27th at the Port Blakely Tree Farm near Mollala, Oregon, which coincides with the 150th Anniversary of Port Blakely Tree Farms.

(See www.pacificlogging-congress.com for details.)

(Continued on Page 21)
See "69TH Olympic LC"



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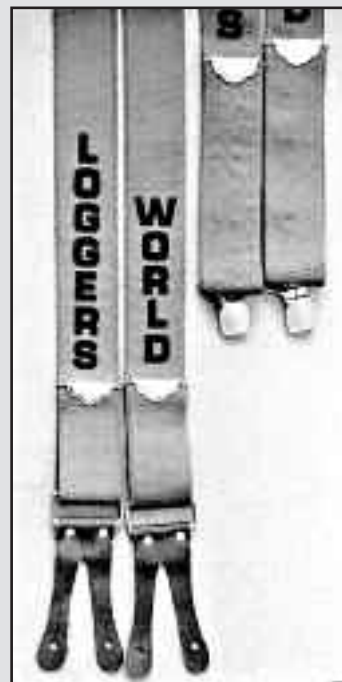
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69TH Olympic LC

(Continued from Page 20)

The Healthy Forests, Healthy Communities, formed in March 2013, spokesman Nick Smith outlined the goals and programs of their organization. For more information see <http://www.healthy-forests.org/>.

The afternoon session featured four unquestionably qualified experts on "Industry Capacity - Meeting Market Demand?" Each presentation was based on the individuals perspective and the economic realities of industry capacity. We'd define industry capacity as, can industry respond to new market demands?

Leading off was Michael Phillips (Hampton Affiliates), outlining his company's view of emerging markets following the past six years. "Production peaked in 2005 and bottomed in 2009, with a 50% drop in the North American market." And while markets are improving, "... it's still about 40% of what (production) was when things were going well."

On the positive side, "...everything that relates to wood consumption is going up," said Phillips.

However the past six years, and times, have changed. "Today's not like it was yesterday," Phillips said.

"The mill and work force is gone," and today's mill is far more efficient, and you spend a good deal more to rebuild or start a mill."

"The cost to reinstall capacity is almost ludicrous given the availability of timber, and personnel," Phillips stated, then noted relating to the logging industry, "... today still doesn't have a lot of certainty to it," then added of logging contractors, "... how can you pay yourself back? How do you make that invest-

ment if you aren't going to be working full time?" He then stated, "...we think there aren't enough loggers to put on the ground to supply the trees."

When asked of industry's reaction should the predicted logger shortage materialize, Phillips felt "...the next step will be to form collaborative partnerships, and help with the financing of it. Other companies are saying take an appropriate approach; keep a cash flow going for

their main loggers so they can survive."

While the market outlook overall is very good, he noted, "... lumber prices could be very unstable and experience very volatile swings over the next three years." And the long term outlook Phillips was pretty clear in saying in the near future,

(Continued on Page 22)
See "69TH Olympic LC"



NORM SCHAAF
Merrill & Ring, Inc.
Logger Safety Initiative
Round Table



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(Continued from Page 21--)

LOGGERS WORLD JUNE 2014

"...it will be a very good to be in the lumber and in the logging business."

Tom Leeds (Pacific Lumber and Shipping) spoke on export markets, and noted the success of New Zealand's approach to at least one phase of log efficiencies, which includes: covered buildings for unloading, computerized scanning while scaling, and tracking trucks and who owns the load, and where the load goes. "I think for us to exist (in exports) we have to adopt the New Zealand model of exporting."

Rick LaMont (Timberland Appraisal, Inc.) repeated some of the earlier speakers historic observations on the downtown and slow recovery noting that the sluggish recovery is connected to housing not rebounding as quickly as all had hoped. He noted in particular that, "...it's much harder for this generation to get into the housing market," due to this lagging economy, slow



JEFF SMITH
2014 OLC Chairman
Blue Diamond

job growth, etc.

Don Taylor (Sustainable Resource Systems) outlined key points of a supply chain analysis he presented on industry capacity.

He outlined issues surfacing during the recession: Relationship Damage between the mills and the logging contractors; the resulting logging capacity disinvestment; and productivity leakage (avoidable losses). And the resulting "convergence of vectors" including: equipment replacement delays; supplier "low stumpage inventory;" lack of firm commitments, explaining, "...it could have been handled better;" financing restrictions; and "...a weakening logging-trucking infrastructure."

"It takes a billion dollars a year to maintain the logging capacity we have now," said Taylor adding that, "the prices of equipment continued to increase during the recession."

The bottom line, said Taylor, "The US Forest Industry needs to take full advantage of our economic recovery. Both suppliers and consumer mills need to work intentionally and cooperatively together to make sure that no market share is lost outside the US borders, and senior levels of the U.S. forest industry need to be fully aware of the supply chain challenge that is unprecedented."

Friday morning's first Roundtable included West Romberg (Campbell Global), Mike Janicki (Janicki Logging) and Gordy Iverson (TimberTech) talking about the long term results of forest thinnings from reviewing yields from treated forests to individual loggers and forester's experience on lands they'd thinned years ago. The hard data and experience of those presenting demonstrated the success of the treatments in yielding more wood and fiber than would have been brought out without thinning.

Bill Hermann (Hermann Bros.) summarized the roundtable well in his comments, in saying that the thinning option is about, "the best



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return for our investment over time. If you let the bean counters determine how you grow your forest you're going to always get what you've always gotten. When we'd thinned for so many years, a lot of that wood was chip 'n saw, not just pulp. You can almost get double the fiber off your tree farm (by thinning). By the end of the day, it's about the board feet and how many boards, or tons of paper, you can get off that acre."

The final presentation was on the Loggers Safety Initiative (LSI) given by co-chair Norm Schaff (Merrill Ring). He outlined the programs progress to date, and two 10% reductions available to participants, the first upon joining and commit-

ting to the program, the second 10% on the successful completion of a "third party audit" to "...help us know we're doing the right job."

Most within the open discussion were supportive of the program, and are enrolled in it. While there is support, many voiced that part of the solution must be Washington State's L&I needing to clean their house as well.

The meeting ended promptly at 9:30, a very beneficial and well run conference. Compliments to the board, the programs chairman Kevin Worley, this year's president Jeff Adams, and the conference executive director. Diane Oster-Courtney.



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As We See It....

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The American Loggers Council (ALC) has been making trips to Washington D.C. since practically the beginning of the organization. Shortly after the founding of the ALC it was decided to have the Spring Board of Directors Meeting held annually in Washington D.C. to give members the opportunity to visit with their elected officials and relevant agency officials on issues that impact their businesses prior to attending the board meeting.

Over the years, the meetings that ALC members have had with elected and agency officials have ranged from upbeat, positive, and productive to let's just say "Less than productive" to be kind and most anything in between. I remember a meeting we had one year with an elected official's staffer where we must have been keeping her from something since she spent more time looking at her watch than paying attention to what we were trying to convey to her. Thankfully over the years the visits have been much more productive than that particular instance. After returning from this year's trip to D.C. I would have to say that our meetings were of the positive and productive variety.

I believe we are making progress with our visits to D.C. in the sense that we are being asked by officials to testify before Congress on issues that affect the timber industry, we're building relationships with Agency officials, and with elected officials and their staffs. It is becoming apparent, that when there is an issue that impacts the timber harvesting profession in this country, that the American Loggers Council is the go to organization to get a loggers perspective on said issue.

This year's meeting started off with a brief update on timber tax issues from Dan Sakura of NAFO followed by a briefing of the issues that ALC members would take with them on their Hill visits. Following the morning briefing ALC members made well over 100 visits to their elected and agency officials over the course of the next day and a half. I would like to thank those sponsors that made the trip to D.C. to attend and participate in Hill visits with ALC members. I found it very beneficial to have rep-

resentatives from two of the largest equipment manufacturers in the world to attend Hill visits with us. As loggers we tend to get "tunnel vision" on an issue and to get the perspective of the OEM's was very helpful not only for myself but for the staffers that we were talking with during those visits. It also gave those sponsors an opportunity to see first-hand what the ALC does on the political and legislative front for its members.

Those sponsors with attendees were:

- Caterpillar - Joe Allen, Chip Burroughs, and Mike Duncan
- John Deere-Kelly Granatier, Tom Trone, Craig McBeth, and Collis Jones
- Southern Loggers Cooperative- Bill Jones

In addition to Hill visits, the ALC held a session with numerous speakers discussing various topics of importance to its members.

Those speakers in attendance were:

- Jim Pena- USFS - discussing Farm Bill and timber sale program issues
- Daniel Cassidy- USDA-discussing research and education in biobased products
- Bill Imbergamo- FFRC- discussing Federal Timber Sale Program, NEPA reform, and wildfire funding.
- Luke Loy- USDOT- FMCSA discussing truck weight and CSA issues.
- Caitlin Rayman- USDOT-FHA - discussing the Truck Size and Weight Study

- Tom Trone- John Deere- discussing telematics in today's new forestry equipment.

The ALC Spring Fly In and Board of Directors Meeting was a success with a record number of members attending both the Fly In as well as the Board meeting. In addition the ALC was asked to testify on a package of four bills dealing with NEPA following the meeting. We have also gained some much needed traction on the Youth Careers in Logging issue.

While the wheels of Congress oftentimes move at a snail's pace compared to the production that we all experience on our jobs, it is imperative that we keep pushing the process along to ensure that we in the timber harvesting industry do not become the latest species to be listed as endangered. If you or your state is not represented by the American Loggers Council at the National level, then perhaps it is time for you to consider joining the ranks. When we are all pulling together towards a common goal, there isn't anything that cannot be accomplished.

Until next time, LOG SAFE
Brian Nelson



Brian Nelson is the current President of the American Loggers Council and he and his brother David and father Marvin own and operate Marvin Nelson Forest Products, Inc. based out of Cornell, Michigan.

The American Loggers Council is a non-profit 501(c) (6) corporation representing professional timber harvesters in 30 states across the US. For more information, visit their web site at www.americanloggers.org or contact their office at 409-625-0206.

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■ Circle 17 On Inquiry Card - Pg. 30



Summary Judgment....

One Wyominite KO's the EPA Another Enters the Ring

by William Perry Pendley

In mid-March, Fox News headlined a story out of Wyoming that the Environmental Protection Agency (EPA) had targeted a Fort Bridger (population 345) welder for violating the Clean Water Act and threatened to fine him \$75,000-a-day unless he restored a wetland he altered without a permit and therefore contrary to federal law. Andy Johnson—who owns eight acres in Uinta County in southwestern Wyoming on which he runs horses and watches his three daughters play—says the stock pond he built, filled with crystal-clear water, and used to create brook and brown trout and duck and geese habitat, was permitted by the Wyoming State Engineer's Office.

The timing could not have been worse. Wyoming was still fuming over the EPA's December 2013 decision to place a million acres, in-

cluding the town of Riverton (population 10,000), inside the Wind River Indian Reservation. In doing so, the EPA ignored 110 years of history and State, federal, and U.S. Supreme Court rulings. Moreover, the EPA was a month away from issuing new regulations to give it even more authority over private land like that owned by Johnson by broadening the definition of "waters of the United States."

Wyoming's Republican senators demanded the EPA withdraw the Compliance Order, which they labeled, "a draconian edict of a heavy-handed bureaucracy" that puts "each and every landowner throughout the country" in fear. Johnson for his part did not back down. "I have not paid them a dime nor will I.... If you need to stand up and fight, you do it." He can draw solace from another Wyomingite who stood up, fought

the EPA, and won.

In 2005, David Hamilton of Worland (population 5,500), in north-central Wyoming, cleaned out an irrigation ditch on his 400 acre farm. Johnson and his wife may have put their "blood, sweat and tears into [their] dream" of a stock pond, but Hamilton spent \$30,000 hauling away discarded cars, broken appliances, and assorted debris that lined the ditch to foil erosion and making other agricultural improvements. The project was a success, but the EPA disagreed. In 2007, it showed up on the farm and in 2010 sued Hamilton in federal court.

The EPA claimed Hamilton destroyed 8.8 acres of wetlands, which is an impossibility given that Worland has the least rainfall in Wyoming—less than 8 inches a year. Facts did not matter to the EPA; instead, it relied on the National Wetlands Inventory—prepared by the U.S. Fish and Wildlife Service using Google Earth satellite images—to target Hamilton and to tally wetlands damaged. Unfortunately, when Hamilton's attorney, Harriet M. Hageman, challenged the EPA, the district court ruled that "Slick Creek," which does not exist having been replaced by Hamilton's irrigation ditch, is "navigable waters of the United States," as "a matter of law."

Worse rulings were to come. Hageman's proffers of evidence that

Hamilton's work had improved the environment, that the EPA was seeking to extort nearly a million dollars from her client, and that the EPA's investigation was shoddy and the basis for its lawsuit flawed and insupportable all were rejected as "unduly prejudicial." The jury never learned that Hamilton had reduced sediment into the Big Horn River, decreased water use on the property, and reduced the release of chemicals off the land, and in the process created a beautiful and well-managed farm that produces a variety of crops and sustains stock grazing.

It did not matter. After a two week trial, the jury returned after only 140 minutes, which included a meal and a walk, to rule for Hamilton. His were "dredge or fill activities," it held, exempt from federal permitting as "normal farming and ranching activities," including upland soil and water conservation. Moreover, the jury found that "Slick Creek" is a man-made irrigation ditch and exempt from federal law. Hamilton won!

In Washington, the EPA is a juggernaut, but in Wyoming it got stopped by a jury.



Mr. Pendley, a Wyoming attorney, is President and Chief Legal Officer of Mountain States Legal Foundation and a regular columnist in Loggers World.

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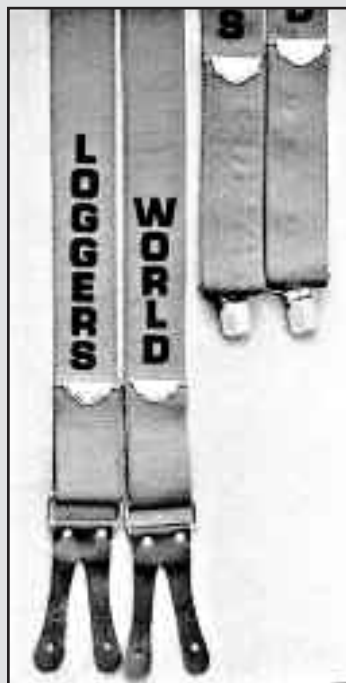
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West Coast college offers Bachelor in Diesel - Technology

A new Bachelor of Applied Science in Diesel Technology (BASD) degree is now offered through Centralia College, located in Centralia, in Southwest Washington. The bachelor's program is now officially accredited by the Northwest Commission on Colleges and Universities (NWCCU) meaning the program meets the highest standards set for colleges and universities.

Centralia College also offers two-year training programs in diesel equipment technology.

The BASD begins fall quarter 2014 in the newly revamped Centralia College diesel tech training facilities. Financial aid may be available for those who qualify.

The Centralia College BASM is one of only four colleges in the nation to offer a bachelor of diesel technology, the only program of its

kind on the West Coast, and the first two-year college ever to offer a bachelor in diesel technology.

"We worked with industry professionals including PapÇ Machinery, NC Machinery, and Cummins Northwest as we developed the program," Larry McGee, associate dean of bachelor's programs, said. "Our goal is to exceed industry standards and provide employers with quality mechanics who will qualify to compete for management positions."

The college's BASD program is designed for those who have already earned their two-year degree in diesel technology from an accredited school who want to learn advanced technologies while acquiring management skills.

The Centralia College two-year associate degree in diesel technology is one of the oldest diesel programs in the nation and is a natural progression into the BASD, McGee said.

"Graduates of our program will

have higher level skills in dealing with technical complexities in the diesel field, and will have management skills that are a key ingredient in a successful business environment," McGee said.

For more information on the BASD program, contact Larry McGee at lmcgee@centralia.edu or visit the Centralia College website at <http://bachelors.centralia.edu/>

BLM to review its planning process

After using the same basic planning approach for 38 years, the Bureau of Land Management has announced it will review how it develops its Resource Management Plans.

"As I've met with elected leaders and citizens from across the West on BLM issues, I've consistently heard two things: first, the BLM needs to more effectively address landscape-level management challenges; and second, planning takes too long." BLM Director Neil Kornze said in a statement.

The decision was hailed by the Theodore Roosevelt Conservation Partnership as a way to "modernize this approach and remedy its shortcomings."

"For example, tracts of intact and undeveloped lands, commonly known as backcountry, are key BLM resources that aren't adequately recognized and managed through existing agency planning guidance," said Henri Bisson, former BLM deputy director for operations and BLM Alaska state director.

Based on an initial review, the BLM intends to target changes to, in part, create a planning process that is responsive to change, allowing BLM to keep plans current through amendments; and to reduce the amount of time it takes to complete RMPs.

"The main challenges the BLM

face are incompatible development and land use, as well as the need for well-funded restoration," said Ken Mayer, former director of the Nevada Department of Wildlife.

The BLM is seeking comments on how it can achieve the goal of a more effective, efficient and durable planning process. Individuals can learn more at www.blm.gov/plan2 and can provide feedback at blm_wo_plan2@blm.gov.

- <http://billingsgazette.com>

Tribal capitalists earning the ire of environmentalists

Maybe the "demography is destiny" crowd has a point, and Republicans are washed up for not making themselves more appealing to minorities.

But if the GOP message is that the fruits of free enterprise are ripe and within reach of everyone, one minority group - Native Americans - seems to be hearing it.

And, just like Republicans, they are catching hell from the statists and control freaks for daring to value making a buck.

Not all modern-day tribal revenue comes out of slot machines. Apaches make decent money from their logging operations, especially since lawsuits ostensibly intended to save the habitat of the Mexican spotted owl shut down their competitors off-reservation.

(Side note: According to the Arizona Game and Fish Department, about 30 percent of spotted owl habitat in Arizona has been wiped out in the last 12 years by the megafires sweeping through timber-choked forests that greenies fight to the death against being commercially logged. Just sayin'.) Navajos, meanwhile, operate coal mines that

(Continued on Page 26)
See "Roundup"

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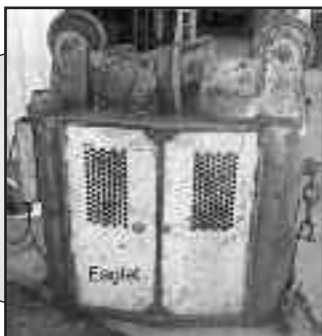


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26 Roundup

(Continued from Page 25)

fuel power plants that energy firms lease on Navajo lands. And a rather bold tribe in British Columbia, Canada, appears to have hit the salmon-fishing jackpot with "open-sea mariculture" that has produced a bounty of salmon in their region. And a bounty of hostility from green groups.

In all these cases - by harvesting pine trees regardless of diameter; by mining coal; and by seeding a portion of the ocean floor with iron sulfate in order to stimulate a food source for young salmon - the tribes have incurred the wrath of the environmental left, which would be happy to keep the tribes on the federal dole rather than earning filthy lucre on their own.

In some cases, as in northern Arizona, the enviros are proving successful in creating unemployed

Navajos. The Environmental Protection Agency last fall forced the owners of the Navajo Generating Station near Page into a deal to shut down one of the plant's three generators, thus reducing the need for Navajo coal miners and plant workers by a third.

In other cases, such as with the Haida salmon-restoration project, founded by the Haida tribe of British Columbia, the jury's out.

The Haida spent \$2.5 million to seed ocean areas where young salmon are known to run with 120 tons of iron oxide and sulphate. That spawned an enormous plume of plankton on which the young fish fed, leading to an unprecedented amount of pink salmon returning to the Fraser River in the fall of 2013.

The Haida, who commercially fish the Fraser, benefited economically, obviously. And this brazen act of independence is proving utterly maddening to environmental groups:

"Even the placement of iron particles into the ocean, whether for carbon sequestration or fish replenishment, should not take place, unless it is assessed and found to be legitimate scientific research without commercial motivation (my italics)," said one horrified green-groupist.

In Arizona, Apaches for generations have conducted logging operations on their land in the eastern mountains - out of the legal grasp of their environmentalist betters, in other words.

Their stewardship of the forests they control provided the prototype for forest remediation projects such as the Four Forest Restoration Initiative - a profit-seeking model that may be the only viable means of saving our overgrown forests from wildfire.

The difference between complex, politically tenuous endeavors such as 4FRI and, say, the Fort Apache Timber Co., operated by the White

Mountain Apache Tribe, is that the Apaches don't have to twist themselves into environmental pretzels to accommodate commerce-despising green groups.

Shorthand for the tribal logging company is "FATCO." I love that name. Fat-And-Sassy-Co.

The company mission statement declares - twice! - that the tribal interest is totally at odds with the environmentalists' sphincter-tightened hatred of capitalism.

FATCO exists "to economically and efficiently manufacture lumber or other timber products at a profit while providing employment opportunities for members of the Tribe."

The Arizona-wide payoff of their logging efforts came 12 years ago. When the Rodeo-Chediski maelstrom was threatening the existence of Pinetop-Lakeside, it was flatten-

(Continued on Page 27)
See "Roundup"

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Roundup

(Continued from Page 26)

ing out into harmless ankle-nipping grass fires on Apache lands.

Today, commercial timber products operations in Arizona are running out of U.S. Forest Service land to thin. Partly because 50,000 acres of forest approved for harvesting went up in smoke in the Wallow Fire. And partly because the Forest Service takes forever to approve new land for thinning ... which is partly because of their desperate fear of being sued by green groups.

Environmentalists used to complain that mainstream society needs to see the world as Native Americans do. If only they would let us.

- www.azcentral.com

Trees go high-tech: process turns cellulose into energy storage devices

Based on a fundamental chemical discovery by scientists at Oregon State University, it appears that trees may soon play a major role in making high-tech energy storage devices.

OSU chemists have found that cellulose - the most abundant organic polymer on Earth and a key component of trees - can be heated in a furnace in the presence of ammonia, and turned into the building blocks for supercapacitors.

These supercapacitors are extraordinary, high-power energy devices with a wide range of industrial applications, in everything from electronics to automobiles and aviation. But widespread use of them has been held back primarily by cost and the difficulty of producing high-quality carbon electrodes.

The new approach just discovered at Oregon State can produce nitrogen-doped, nanoporous carbon membranes - the electrodes of a supercapacitor - at low cost, quickly, in an environmentally benign process. The only byproduct is methane, which could be used immediately as a fuel or for other purposes.

"The ease, speed and potential of this process is really exciting," said Xiulei (David) Ji, an assistant professor of chemistry in the OSU College of Science, and lead author on a study announcing the discovery in Nano Letters, a journal of the American Chemical Society. The research

was funded by OSU.

"For the first time we've proven that you can react cellulose with ammonia and create these N-doped nanoporous carbon membranes," Ji said. "It's surprising that such a basic reaction was not reported before. Not only are there industrial applications, but this opens a whole new scientific area, studying reducing gas agents for carbon activation."

"We're going to take cheap wood and turn it into a valuable high-tech product," he said.

These carbon membranes at the nano-scale are extraordinarily thin - a single gram of them can have a surface area of nearly 2,000 square meters. That's part of what makes them useful in supercapacitors. And the new process used to do this is a single-step reaction that's fast and inexpensive. It starts with something about as simple as a cellulose filter paper - conceptually similar to the disposable paper filter in a coffee maker.

The exposure to high heat and ammonia converts the cellulose to a nanoporous carbon material needed for supercapacitors, and should enable them to be produced, in mass, more cheaply than before.

A supercapacitor is a type of energy storage device, but it can be recharged much faster than a battery and has a great deal more power. They are mostly used in any type of device where rapid power storage and short, but powerful energy release is needed.

Supercapacitors can be used in computers and consumer electronics, such as the flash in a digital camera. They have applications in heavy industry, and are able to power anything from a crane to a forklift. A supercapacitor can capture energy that might otherwise be wasted, such as in braking operations. And their energy storage abilities may help "smooth out" the power flow from alternative energy systems, such as wind energy.

They can power a defibrillator, open the emergency slides on an aircraft and greatly improve the efficiency of hybrid electric automobiles.

Besides supercapacitors, nanoporous carbon materials also have applications in adsorbing gas pollutants, environmental filters,

(Continued on Page 28)
See "Roundup"

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28 Roundup

(Continued from Page 27)

JUNE 2014 LOGGERS WORLD

water treatment and other uses.

"There are many applications of supercapacitors around the world, but right now the field is constrained by cost," Ji said. "If we use this very fast, simple process to make these devices much less ex-

pensive, there could be huge benefits."

- OSU College of Science

Nevadan named BLM Chief

Anatural resource manager who grew up in Elko has been named director of the Bureau of Land Management.

From the Stump

(Continued from Page 2)

time. Until we meet again, thank you.

The good news

The 1970's produced a flock of legislation passed and enacted without a lot of forethought (imagine, congress would do something so dense?), including child labor laws eventually removed those under 18 from working. Sounded good, but had some unforeseen consequences. The agriculture industry has long enjoyed regulatory exemptions that permit family members between the ages of sixteen and seventeen to participate and learn the operations of the family business under the direct supervision of their parents. Finally Congressman Raul Labrador (R-ID) introduced H.R. 4590, the Future Logging Careers Act to the House on May 7th. This bill amends the Fair Labor Standards Act of 1938 to allow for sixteen and seventeen year olds in mechanized logging operations to work in the business under parental supervision.

The Future Logging Careers Act, if passed, would ensure the next generation's opportunity to learn and operate mechanical timber harvesters, safety training and experience under close supervision of their parents.

Contact and encourage your local congressional representative to sign on, sponsor and support this legislation, and the reasons why.

Our compliments to Congressman Labrador, and the American Loggers Council for their support of this legislation.

Innovations

There wasn't sufficient room in the April issue to display some of the innovations introduced at the April Intermountain Logging Conference in Spokane that may be worth your interest.

The first was a dual arch telescopic boom swinging grapple mounted on a John Deere 848H skidder, which Bill Jones designed and has had in field use for some



DUAL ARCH TELESCOPIC BOOM SWINGING GRAPPLE mounted on a John Deere 848H skidder seen at the recently completed Intermountain Logging Conference in Spokane Washington.

while (30,000 hours roughly). It's a serious swing grapple which extends several feet. We found it an interesting and innovative approach that could be worth your time and interest. Jones has been a long-time fixture in the logging business and currently is the used equipment manager for Triple W Equipment in Missoula, Montana (406) 549-4171.

The other came out of the University of Idaho and called The Choker Keeper, which we found at the Intermountain, which appeared as a large (10-13 inch roughly) aluminum donut. But it's what's inside that counts: a series of magnets arranged within the aluminum housing, which rides blow the carriage at the same length as the chokers bells. Where chokers typically are swinging loosely and need to be corralled and untangled, The Choker Keeper will magnetically attract those chokers to the aluminum ring and hold them securely. They've filed a patent on the device and it's currently undergoing field trials for contractors to evaluate and improve the design.



"Less than helpful" study on global warming rejected

A scientific study, which suggests global warming has been exaggerated was rejected by a respected journal because it might fuel climate scepticism, it was claimed last night.

The alarming intervention, which raises fears of 'McCarthyist' pressure for environmental scientists to conform, came after a reviewer said the research was 'less than helpful' to the climate cause.

Professor Lennart Bengtsson, a research fellow at the University of Reading and one of five authors of the study, said he suspected that intolerance of dissenting views on climate science was preventing his paper from being published.

"The problem we now have in the climate community is that some scientists are mixing up their scientific role with that of a climate activist," he told the Times.

Prof Bengtsson's paper suggests that the Earth's environment might be much less sensitive to greenhouse gases than previously thought.

If he and his four co-authors are correct, it would mean that carbon dioxide and other pollutants are having a far less severe impact on climate than green activists would have us believe.

The research, if made public, would be a huge challenge to the finding of the UN's Intergovernmental panel on Climate Change (IPCC), that the global average temperature would rise by up to 4.5C if greenhouse gases in the atmosphere were allowed to double.

The paper suggested that the climate might be less sensitive to greenhouse gases than had been claimed by the IPCC in its report

(Continued on Page 29)
See "Roundup"

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Roundup

(Continued from Page 28)

last September, and recommended that more work be carried out 'to reduce the underlying uncertainty'.

The five contributing scientists submitted the paper to Environmental Research Letters - a highly regarded journal - but were told it had been rejected. A scientist asked by the journal to assess the paper under the peer review process reportedly wrote: 'It is harmful as it opens the door for oversimplified claims of "errors" and worse from the climate sceptics media side.'

Prof Bengtsson, 79, said it was 'utterly unacceptable' to advise

against publishing a paper on the political grounds.

He said: 'It is an indication of how science is gradually being influenced by political views. The reality hasn't been keeping up with the [computer] models.'

If people are proposing to do major changes to the world's economic system we must have much more solid information.'

Next year the UN hopes to broker an international agreement on reducing greenhouse gas emissions, a replacement for the Kyoto Protocol which would impose legally binding targets on every country.

The last attempt, at the Copenhagen conference in 2009, ended in

disaster, with recriminations flying and all chances of a deal in tatters.

The Paris conference in December 2015 is thought by many politicians to be the last realistic chance for a deal to be made if disastrous climate change is to be averted.

A controversy at this stage risks putting the science which underpins the negotiations at doubt, something many - not least politicians in Britain and the US - will be keen to avoid.

The publisher of the Environmental Research Letters journal last night said Professor Bengtsson's paper had been rejected because it contained errors and did not sufficiently advance the science.

A spokesman for IOP Publishing said: 'The paper, co-authored by Lennart Bengtsson, was originally submitted to Environmental Research Letters as a research Letter.'

'This was peer-reviewed by two independent reviewers, who reported that the paper contained errors and did not provide a significant advancement in the field, and therefore failed to meet the journal's required acceptance criteria.'

'As a consequence, the independent reviewers recommended that the paper should not be published in the journal which led to the final editorial decision to reject the paper.'

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29

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HEAVY DUTY TRANSAXLE INC19	TRIPLE W EQUIPMENT....28
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11	21	31	41	51	61	71	81	91	101	111	121	131	141	151	161	171	181	191
12	22	32	42	52	62	72	82	92	102	112	122	132	142	152	162	172	182	192
13	23	33	43	53	63	73	83	93	103	113	123	133	143	153	163	173	183	193
14	24	34	44	54	64	74	84	94	104	114	124	134	144	154	164	174	184	194
15	25	35	45	55	65	75	85	95	105	115	125	135	145	155	165	175	185	195
16	26	36	46	56	66	76	86	96	106	116	126	136	146	156	166	176	186	196
17	27	37	47	57	67	77	87	97	107	117	127	137	147	157	167	177	187	197
18	28	38	48	58	68	78	88	98	108	118	128	138	148	158	168	178	188	198
19	29	39	49	59	69	79	89	99	109	119	129	139	149	159	169	179	189	199

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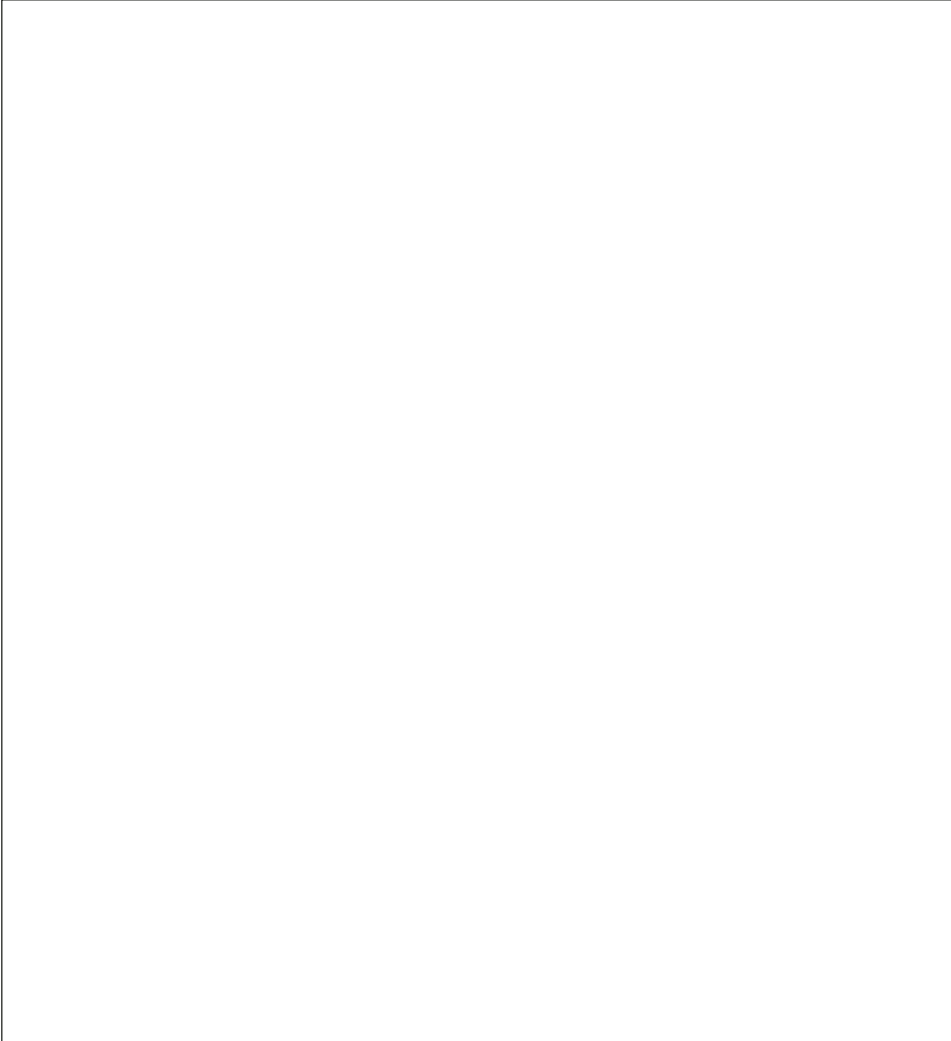
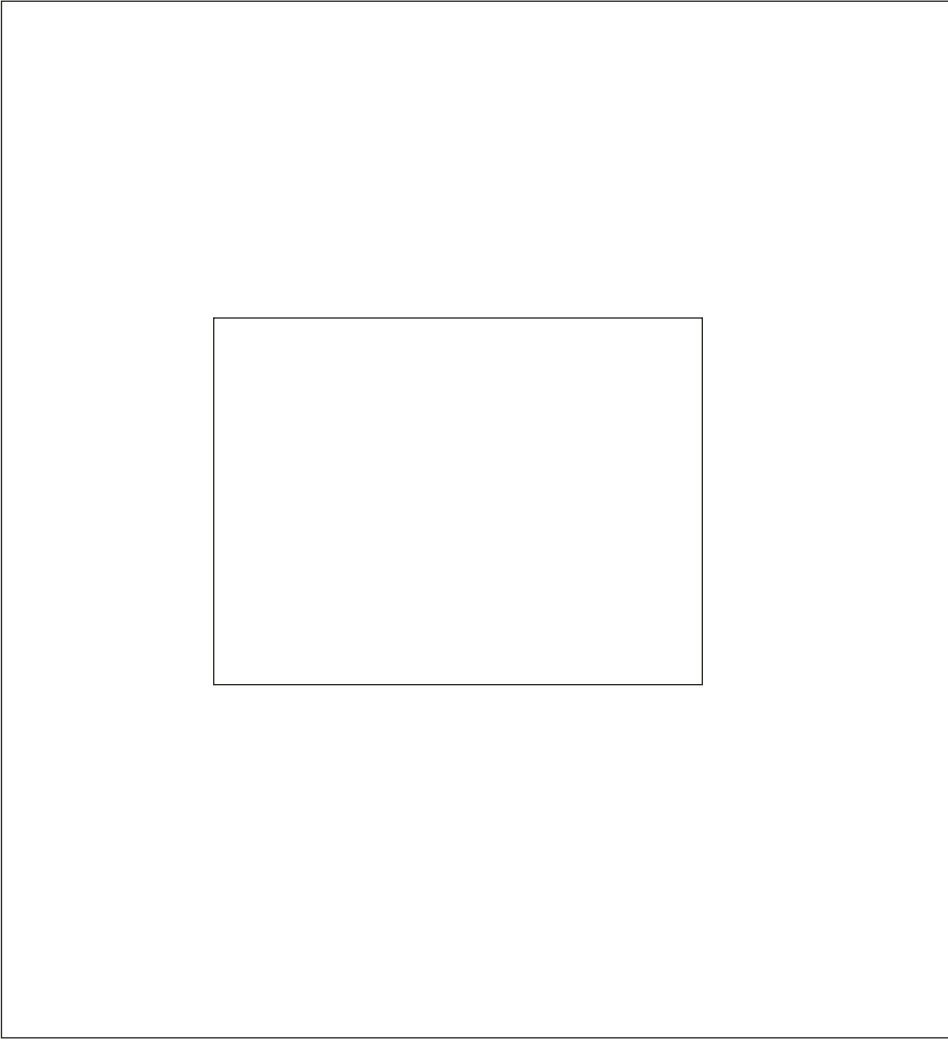
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