

NEW HOP DRYING METHOD SUCCESS

Forced Ventilation Used at Needham's Ranch With Many Advantages

The drying of hops by the use of forced ventilation is not only practical but is rapidly returning the original equipment cost to F. E. Needham on his Brown's Island ranch, according to W. R. Newmyer, rural service agent of the Portland general electric company.

Mr. Needham built his new dryer and warehouse so that they would be ready for the 1931 season. The dryer is 33x33 feet inside measurement, and the warehouse slightly larger. The kiln floor is about 3 feet above the ground.

The oil burner and fan are located outside the dryer, the only connection being the air duct. By so placing the furnace, the insurance rates were reduced \$1.25 per \$100, saving Mr. Needham about \$400 per year in a normal year.

The fan installed was a Number 7, Hi-Speed, and is operated at 470 revolutions per minute, which uses the full power of the 15 horse power, 3 phase electric motor. The fan operated at this speed displaces 37,000 cubic feet of air each minute.

The total cost of the installation, including the kiln, warehouse, furnace, fan, motors, and everything else, was \$4000. Lumber was \$21 per 1000 feet then. The same grade can not be purchased for \$10 per 1000 feet.

The capacity of the new kiln is 420 boxes, or about the same as the total of the three old kilns. In the old kilns, hops are laid to a depth of 18 inches, while in the new one they are laid 52 inches deep. Instead of the usual 24 hours required for drying, the forced-draft dryer turns them out in 8 hours thereby making the capacity equal to 9 of the old dryers.

The cost for oil and electricity to operate the new kiln is approximately the cost of wood and labor of firing for the 3 old dryers.

The advantage of the forced draft dryer are many, and so far no disadvantages have appeared. The hops are dried uniformly throughout the kiln, whereas, in the old type of dryer the hops on the kiln floor were over-dried while the top ones under-dried.

By actual test the hops have been found to dry out 9 pounds per box heavier in the new dryer than in the old. At 12 1/2¢ per pound that amounts to about half the picking cost—quite an item.

Another small, but nevertheless important, saving is that made unloading the wagons from the field. The new dryer has a low kiln floor so the hops can be unloaded directly from the wagon to the platform, thereby saving the labor of one man and the cost of operating the tractor.

Answer on File In Richer Suit Against Burke

Robert and Sarah Richer resumed their attempt to collect \$2000 from Benjamin Burke and the Metropolitan Casualty Insurance Company of New York yesterday when they filed an amended complaint against the defendants in circuit court here. Plaintiffs hold that Burke, a bonded insurance salesman, represented to them in March, 1931, that he could market a \$2900 equity they were to obtain in local real estate for as much money as was represented in plaintiffs' \$2900 equity in Everett, Wash. Mrs. Burke, it is alleged, was unable to make good on his representation.

Under the Occurrences and Gossip at the center of Oregon's state government

WELL, the radio worked fine and quite a number of state officials listened in on the broadcast of the democratic national convention. The keeping of the vote proved most interesting, and even Frank McIntosh, chief of police, wandered up to the capitol yesterday, attracted by either the radio or something.

And while listening to the fight for and against Governor Roosevelt, he heard first hand story of the fun at the Republican convention held two weeks earlier from Roy Meyers, one of the delegates. Roy said he became well acquainted with many prominent people, among the most notable, he said, being Secretary Ogden Mills.

Roy was here yesterday after returning to his home near Portland the first of the week. He declared that those with George were Carl Sellers, Fred Lewis, Lawrence Christensen and Con Hoymer. At least they left for the game and we assume they reached their objective.

George Dunford, superintendent of the state capitol buildings, and several members of his janitor staff went to Portland last night to see the Portland-Los Angeles baseball game. Those with George were Carl Sellers, Fred Lewis, Lawrence Christensen and Con Hoymer. At least they left for the game and we assume they reached their objective.

Captain H. W. McClain and his wife left last night on their vacation trip, and they went to Reno. McClain is in charge of the headquarters division of the state police and is driving to the popular divorce center. However he assures us that he and his wife both will be driving back in the same car—so guess it's alright.

Miss Allene Phillips returned to her position as secretary to Hal E. Hoss yesterday after enjoying a two weeks trip. She not only attended the Zonta convention in St. Louis, representing Salem, but she sat in on the republican convention in

sentation and thus is guilty of obtaining illegally the property of the Richers. They seek to recover on his \$2000 bond.

Defends Status Of Goldstein as Entirely Legal

Barnett H. Goldstein as special prosecutor for the Empire Holding corporation officers' trials acted as an assistant attorney-general and in the legal capacity he was granted the state corporation commissioner to enforce the Blue Sky laws. Attorney General Van Winkle expressed this opinion Monday in an answer filed in circuit court here.

Hal E. Hoss, secretary of state, and Rufus C. Holman, state treasurer, were both named defendants in the suit brought here recently by Lars Bergsvik. Through an injunction granted by the court, payment of Goldstein and his assistants has been held up.

Chicago on the opening day of the session.

Miss Phillips had a good seat in the convention, being named an alternate for the occasion. She said the Oregon delegation sat near the front and not far from the speakers' platform. She had many interesting comments to make concerning the party event, but would not be quoted on the wet and dry phase of the rally.

Some people are very superstitious. T. O. Morgan of Grants Pass returned a chauffeur's license to the secretary of state yesterday and requested another one. The number was 670, and Hal had to look at it twice to get the reason. Morgan wrote that because it added up to 18 he didn't want it.

James W. Mott is not resigning, nor will he resign until he leaves for congress, assuming of course he will be elected. Rumors of his immediate resignation are unfounded, says he, but adds that probably he got a lot of votes from parties wishing him out of the corporation commissioner's office.

President W. J. Kerr of Oregon State last night was given another banquet commemorating his 25 years at Oregon State college, this one in Portland, and Hal Hoss was one of the speakers. The main speaker was President E. O. Holland of Washington State college—which brings back memories of several interesting calls on the carpet for the writer.

APPEAL IN TUITION CASE NOT DECIDED

No definite word is as yet available from M. Weinsicht, Mt. Angel farmer, on the matter of his expected appeal of the high school tuition law call. Judge L. G. Lovell dismissed the case June 8, ruling that the law was legal.

Weinsicht was notified by his attorney, James G. Heitzel, and the plaintiff said he would call together the 13 school districts represented by him, asking them if they wanted to carry the case on. The plaintiff has 60 days in which to file notice of appeal.

Heitzel says the injunction issued on Sheriff Oscar D. Bower, prohibiting collection of 1931 high school tuition taxes, is still effective. He holds the injunction binding until the time to appeal expires or until, in case of appeal, the state supreme court rules on the case.

BUILDING DISPLAY PLANNED FOR 4TH

Acting on the request of the American Legion July 4 celebration committee, directors of Salem chapter, Oregon Building congress, Monday night decided to set up a building construction exhibit at the state fair grounds next Monday. Lyle P. Bartholomew, W. J. Liljequist and Frank F. Marshall were appointed as a committee to arrange for the display, which will continue the idea of Saturday's Buell Salem Day parade.

Dr. Manville to Be Speaker at Health Meeting

The directors voted their thanks to all persons and firms aiding in the success of the parade and especially to the Cherrians, Salem band, American Legion, Capital Post drum corps, Women's Greater Oregon Association and American Legion Junior band.

Peddling of bids by general contractors again was struck at by the building congress, this time in a resolution deprecating the practice and requesting the Registered Architects of Oregon to put into effect a remedial plan.

Bartholomew and T. T. Mackenzie were named on a permanent committee on publicity.

Estate of Krug Valued \$17,272

The estate of the late Fred Krug, Sr., has a value of \$17,272 according to a report filed yesterday in probate court here. Cash in the estate amounts to \$3239. Other assets include a farm valued at \$5390, city property valued at \$800 and loans to various individuals is appraised at \$8500. John Elton, Will Luchty and John Goplerud were appraisers. Fred Krug, Jr., and Alpus Schar are executors of the estate and committee will be heard and will.

Further Tests Of Tubercular Suspects Need

Ten of the 100 high school boys and girls recently given fluoroscope examinations for tubercular conditions are in need of further examination by x-ray, Dr. Vernon A. Douglas, county health officer, reported yesterday. Because of the expense involved in x-ray examinations, the cost will be born by the students.

Tuberculin tests were given at high school for the first time this spring. Boys and girls reacting positively were of about even number.

fastest Mile FOR STOCK CARS

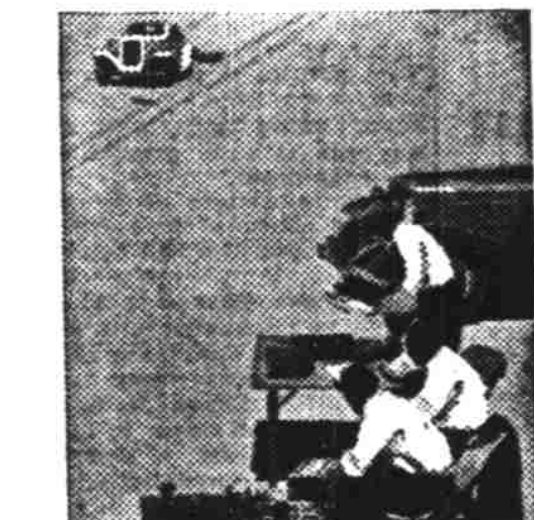
—and 25 Other Speed Records Smashed in 1 to 500 Mile Run by



New Union 76 Gasoline

Practical demonstration proves superiority of 76's high anti-knock value—ESPECIALLY IN HOT WEATHER

WHIRLING around a ten mile surveyed course in a strictly stock car and under the supervision and electrical timing of American Automobile Association officials, Eddie Miller broke 26 U. S. stock car records last week.



Scene showing elaborate equipment of the American Automobile Association used during the speed runs. Electrical contact is made at the beginning and end of a measured course, insuring absolute accuracy to the 1-1000 of a second. Eddie Miller driving the stock Auburn roadster is just finishing the lap establishing U. S. Stock Car mile speed record of 99.109 M. P. H.—one of the 26 records broken.

Full Equipment Used

These records are important to you because the cars were strictly stock—running with full equipment—models which many motorists are driving today.

The gasoline was 76—taken directly from a roadside pump.

The oils and greases used were the same that you can secure at independent or Union Service Stations.

What Test Proved

The test verified what has already been claimed—that New Union 76 is the finest non-premium anti-knock gasoline ever offered.

One point is worthy of SPECIAL note. During the entire series of runs and when the engines were hottest, the anti-knock performance of 76 stood up perfectly—and one knock came from the motor. This means that your own car fueled with 76 will render faultless anti-knock service this summer—no matter how hot the weather or how steep the grade.

Just Watch for the 76

We've made it easy for you to get this world's record fuel.

Just glance ahead—and when you see the big 76 banner or 76 sign, start slowing down. Turn in there and stop for service at the 76 pump.

The 26 Records Broken With 76*

OPEN CAR (Roadster)	
1. Flying Mile . . . 95.109 M.P.H.	
2. Flying Mile . . . 94.637 "	
3. Standing Mile . . . 93.931 "	
4. Standing Mile . . . 93.395 "	
5. Flying 5-mile . . . 93.334 "	
6. Flying 5-kilo . . . 93.736 "	
7. 10 mile . . . 92.707 "	
8. 25 mile . . . 92.564 "	
9. 50 mile . . . 92.269 "	
10. 75 mile . . . 92.265 "	
11. 100 mile . . . 92.159 "	
12. One hour run . . . 92.205 "	
CLOSED CAR (Broughm)	
13. Flying Mile . . . 91.0805 M.P.H.	
14. 10 mile . . . 86.8971 "	
15. 25 mile . . . 87.0554 "	
16. 50 mile . . . 87.0792 "	
17. 75 mile . . . 86.8826 "	
18. One hour . . . 86.774 "	
19. 100 mile . . . 86.6856 "	
20. 200 mile . . . 84.282 "	
21. Three hours . . . 83.6968 "	
22. 250 mile . . . 83.687 "	
23. 300 mile . . . 83.916 "	
24. 400 mile . . . 82.883 "	
25. Six hour run . . . 81.2785 "	
26. 500 mile . . . 80.9622 "	

*These records were made under the close supervision of A. C. Pillsbury, a member of the board of the American Automobile Association and supervisor of the western regional district. Mr. Pillsbury has forwarded the timing records to Washington headquarters where they are subject to confirmation by the Council Board of the American Automobile Association.

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PLUS The MILLS BROS. Colored Stars of Harmony singing "I Ain't Got Nobody"

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Finest Men's Suspenders .45c	Felt Hats, finest make ..\$2.95	Sport Belts, two tones at .45c	Hose, finest silks, 5 pair\$1
New Style Men's Hose10c	Ties, including Cheney39c	Shirts and Shorts 35c, 3 for \$1	Swim Suits, all colors, at \$1.49
Pajamas, \$2.50 values at .95c	Athletic Unions, \$1 val.45c	Flannel Pants, 8.50 reg., \$3.95	Shirts, val. at \$3, now89c
Straw Hats, new styles95c	Athletic Unions, finest95c	Sleeveless Sweaters, wool....\$1	Shirts, val. at \$3.50, at \$1.45

MEN'S OXFORDS, INCLUDING PACKARD AND DOUGLAS MAKES REG. VALUES TO \$8.50, NOW \$1.95 AND \$3.95

SUITS

300 fine suits — fine all wool, new colors, styles all good, all new spring stock and not purchased especially for this sale. This means you get the same high grade Bishop's quality in every garment—and never have you seen such values. Every one of these is selling right now in most stores up to \$30. A real bonus at this great price **\$15.00**

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with BASIL RATHBONE ROLAND YOUNG

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The Call Board . .

By OLIVE M. DOAK

THE GRAND

Today—Constance Bennett, Ben Lyon in "Lady With a Past."

Wednesday—Poia Negri, Roland Young in "A Woman Commands."

Friday—Victor McLaglen in "Not Exactly Gentlemen."

WARNER BROS. EL SINORE

Today—Joe E. Brown in "The Tenderfoot."

Wednesday—Sylvia Sidney and Fredrick March in "Merrily We go to Hell."

Friday—Kay Francis in "Street of Women."

THE HOLLYWOOD

Today—Ronald Colman in "The Unholy Garden."

Friday—Douglas Fairbanks in "Around the World in 80 Minutes."

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A Home Owned Theatre HOME OF 25c TALKIES TODAY AND THURSDAY THE GREATEST MYSTERY-THRILLER

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A Paramount Picture with Fredric March Miriam Hopkins Rose Hobart

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