Hesston Corporation scrapbook

Section 2, Pages 31 - 60

This scrapbook from 1951-1967 is a collection of Hesston Corporation employee materials, promotional pieces, article clippings, and publications. Donated by Barbara Weaver. This publication funded by the National Historical Publications and Records Commission through the Kansas State Historical Records Advisory Board.

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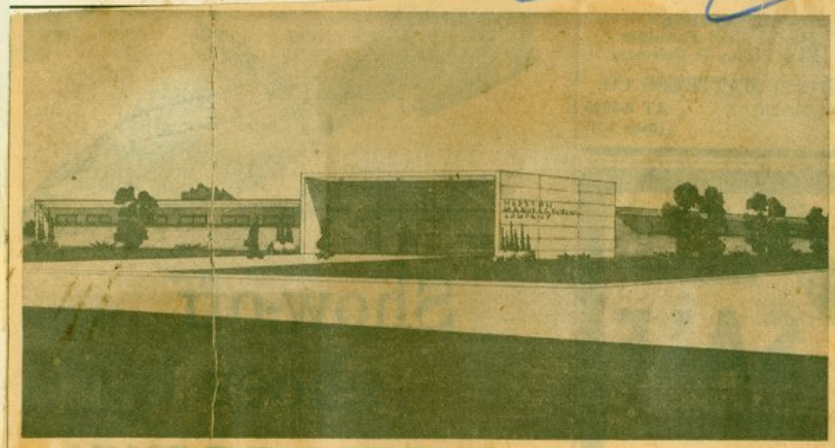
NEWTON, KANS., KANSAN
Circ. D. 6,175
APR 8 1960



OFFICE BUILDING PLANNED—The Hesston Manufacturing Co. has started work on a new office building at the company's Plant II site. The 10,000-square foot building will be ready for use this fall.

Hesston Firm Expands Again

HESSTON—The Hesston Manufacturing Co., Inc., broke ground this week for its new office building to be located in north Hesston at the company's Plant II site. Lyle E. Yost, president, officiated at the ceremony, and turned the first spadeful of dirt.

In reminiscing with company officers and employes gathered at the new building location, Yost said "Twelve years ago the company office was a 10 foot by 10 foot room with orange crates for chairs. The stove was a large piece of oil well casing with a gas burner piped into it, but it served well for the beginning . . . At least, we didn't have much overhead."

Ray Schlichting, assistant general manager, pointed out that the new brick and masonry building will be "L" shaped and measure 100 feet by 180 feet. It will provide 10,000 square feet of floor space plus 2,000 square feet of basement. About 40 office personnel will be housed in the new structure at present; however the structure is planned to eventually accomodate 60 office employes.

"The construction of the building demonstrates to the community and to our employees our faith in you and our confidence in the future," Yost concluded.

The building will be constructed by the Pyle Construction Co. of McPherson, and will be ready for occupancy by early fall.

Hesston breaks ground for new office building

Hesston Mfg. Co., Inc., Hesston, Kan., has broken ground its new office building, to be located in north Hesston at the company's Plant II site.

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The new brick and masonry building will be "L" shaped and measures 100 x 180, providing 10,000 square feet of floor space, plus 2,000 square feet of basement. About forty office people will be housed in the new structure, with a potential of about 60.

The building is expected to be ready for occupancy by early fall.

Hesston Manufacturing Company, Inc., reveals a new improved 1960 Hesston 220 windrower, with optional hay-conditioner attachment. The 220 cuts and windrows hay, mint, lentils, flax, rye, oats, wheat and other small-grain crops in one operation. The operator can go in hilly terrain and hard-to-get places. Safety, comfort and high visibility make operation a pleasure.

NORTHWEST FARM EQUIPMENT JOURNAL
6/60

THIS HESSTON Model 220 windrower handles a complete haying operation of cutting, windrowing and conditioning in a single operation. It is a product of Hesston Manufacturing Company, Hesston, Kansas. Area distributors include Port Huron Machinery Co., Des Moines, Iowa; Lindsay Bros. Company, Minneapolis, Minn.; Fargo Farm Equipment Sales Co., Inc., Fargo.

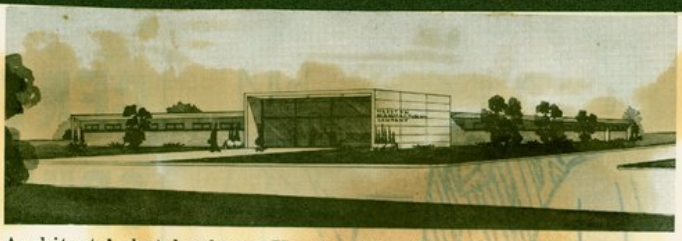
Visits Kansas Plants

Baron Karl Theodore von Guttenberg, a member of the West German Parliament, visited various firms in the Wichita area as a part of his six-week fact finding nationwide tour. He is shown above at the Hesston Manufacturing Company plant, in Hesston, at the controls of a Windrower, one of the company's line of farm products described to him by plant officials. Also pictured from left, are: Harold Dyck, vice-president of the firm; Lyle Yost, president; and Sam Goldstein, Chicago attorney who traveled with the Baron on his American visit to the Midwest.

KANSAS! 5-6/60

"A frien... ...ing, sir, I ang... don't interrup... ...during my sales pi...

FARM & POWER EQUIPMENT • JUNE, 1960



Architects' sketch of new Hesston Manufacturing office.

Break ground for new Hesston plant

Amazing growth shown by small-town farm equipment manufacturer

It took just a dozen years for the Hesston Mfg. Co. to grow from a 10 by 10 foot office to one of the major independent farm equipment manufacturers in the country.

Recent groundbreaking ceremonies started the latest step in Hesston's long-range expansion program, when President Lyle Yost turned the first spadeful of dirt for a new office building.

In reminiscing with company officers and employees gathered at the new building location in North Hesston, Yost said, "Twelve years ago the company office was a 10 foot by 10 foot room with orange crates for chairs. The stove was a large piece of oil well casing with a gas burner piped into it, but it served well for the beginning. At least we didn't have much overhead."

When Yost set up his business in the small Kansas town after which it is named, he turned to the countryside for help. About 75 percent of the 400 Hesston employees have a farm background. As one company official points out, skills acquired on the farm and knowledge of the farmers' problems help the workers to adapt quickly and well to the manufacture of farm equipment in the modern Hesston plant.

This is the third major expansion of the Hesston facility in the past six months. A 24,000 square foot addition to the production plant was completed in November, 7,200 square foot shipping building with "drive-in" rail spur and 1,440 square foot covered loading dock went into operation in February.

Ray Schlichting, assistant general manager, pointed out that the new brick and masonry office building will be L-shaped and measure 100 by 180 feet. It will provide 10,000 square feet of floor space, plus 2,000 square feet of basement. About 40 office personnel will be housed in the new structure at present; however it was planned for the eventual accommodation of about 60 office employees.

The building will be ready for occupancy by early Fall.

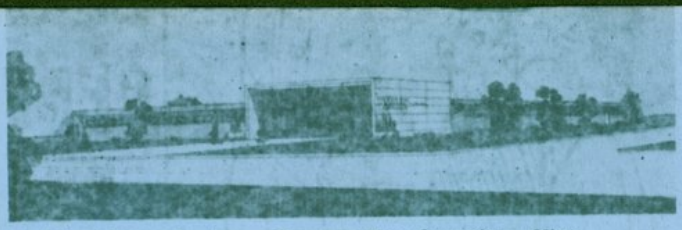
In his talk at the groundbreaking ceremony, Yost said, "The construction of these buildings and the purchase of land for future expansion demonstrates to the area and to our employees our faith in you and our confidence in the future."

GROUNDBREAKING CEREMONY—Lyle Yost, president of Hesston Mfg. Co., right, digs the first spadeful of dirt for the company's new office building while officers and employees look on. Company officers, left to right, are Wayne Henard, R. W. Ruth and C. W. Stutzman, members of the board of directors; Ray Schlichting, secretary-treasurer, and Yost. Harold Dyck, vice president, was out of the city and unable to be present at the ceremony.

MIDWEST INDUSTRY MAGAZINE

5/60

Hesston Corporation scrapbook



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MIDWEST INDUSTRY MAGAZINE
May, 1960

Farm Equipment Manufacturers Elect Kansan

Special to The Eagle

HESSTON, Kan.—A central Kansas industrialist has been honored by election as second vice president of Farm Equipment Manufacturers Assn., whose membership includes more than 200 leading manufacturers from the United States, Canada, and Europe.

HAROLD DYCK

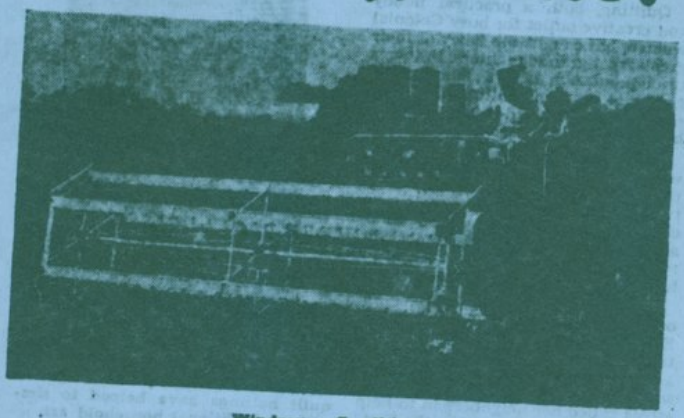
He is Harold Dyck, vice president of Hesston Manufacturing Co. of Hesston, producer of farm equipment.

Dyck was elected at the FEMA 10th annual convention in Chicago. T. C. Belem, Johnson Hydraulic Equipment Co., Minneapolis, was elected president.

E. Eagle 10/31/60

Hesston Corporation scrapbook

WHAT'S NEW FOR YOU?



Windrower-Conditioner

No less than 40 changes, all guaranteed to be major improvements, have been made in the 1961 Hesston Windrower - Conditioner, officially the Hesston 240 model.

This self-propelled machine cuts and windrows hay, small grains and many other crops. Whether the demand for windrowers resulted in the Hesston, or the Hesston brought about a major change in hay harvesting, is a question that can be argued endlessly. At any rate, the Hesston Co. has expanded until it is today one of the nation's foremost farm equipment manufacturers.

The 240 has a lower and more massive silhouette than its predecessor, the 220. The reel drive is completely redesigned. — No. 123.

Hutchinson News 12/11/60

It's Business

Hesston Firm Hits New Sales Record

HESSTON — The growth which elevated Hesston Manufacturing Co. Inc., to one of the major U. S. farm equipment producers continued unabated in 1960, according to President Lyle E. Yost.

Gross sales totaling $5,572,416 at the end of the 1960 fiscal year represents an increase over the previous peak of about $1 million.

It was the firm's seventh consecutive record-breaking year, and the 12th in its 13-year history.

Plant Expanded

Expansions are nearing completion which will increase the firm's plant facilities to 134,200 square feet. This compares to 107,000 square feet at the end of 1959 and 83,900 at the end of 1958.

The major addition is modern new office space to be ready for occupancy by mid-December.

The L-shaped brick and masonry structure, with a 2,000 square foot basement, will be the third major Hesston expansion completed in the past year. A 24,000 square foot addition to the production plant was completed a year ago. A shipping building was completed in February.

More Wages

Average employment and total wages paid also reached new highs in fiscal 1961. Hesston's expanded work force, which averaged 300 for the year, received an average of 27 cents per hour more than in 1959.

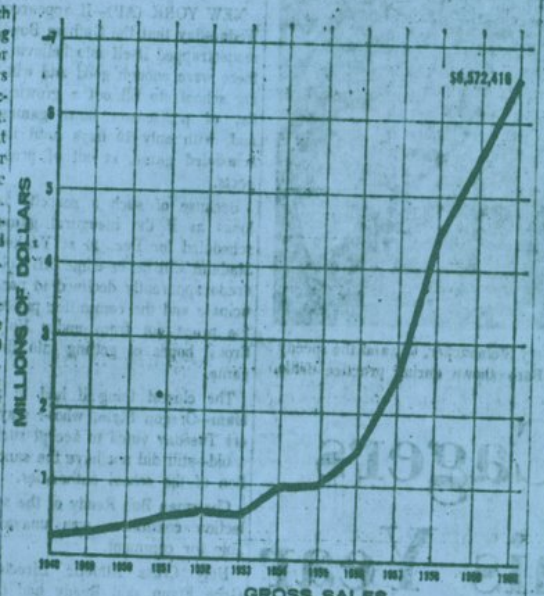
The company paid a total of $1,900,100 in wages and benefits, an increase of $100,430 over the previous fiscal year.

The key product in the company's 1960 sales success is its windrower which accounted for 64 per cent of total sales. The self-propelled machine is used for harvesting hay, small grains, and other crops.

Other Products

Other major products are a straw chopper and a row crop saver. The firm also produces a corn harvester, retractible finger augers and other combine attachments.

Hesston began exporting farm machinery to Mexico, France, Australia and South Africa during 1959. Its products have been sold in Canada for many years, here and all national newspaper,



GROWTH of sales during the 13-year history of the Hesston Manufacturing Co. is depicted in this graph of annual gross sales.

Clothiers, will move into the north side of The Friendship House at 14th and Main.

The space was formerly occupied by One-Hour Martinizing Co. Mrs. Weber had leased space at Star for her own separate business, but now will cancel the contract to make room for Meschke selling space.

Randles Joins Watson Associates in Venture

Gene Randles, with Bankers Investment Co., B and Main, the past 9½ years, has joined Howard Watson of Watson Associates in the Wolcott Building.

Randles has operated a business of his own, Ad Creators, the past nine years, and he will continue to operate it as a separate business.

Watson will also keep his local advertising agency separate, but the two will join forces to handle a bank advertising business on a national scale.

cepted an order for 10 golf carts to go to a Kansas City firm which furnishes golf carts and other equipment for six Kansas City golf courses.

If the carts work out well, according to Wilbur O. Erhardt, owner-manager, the firm will get a bigger order.

Erhardt also manufactures a measuring wheel and sign frames.

Firm Moves

McMurray and Co., accountants, has moved from 24 West 4th to 30 East 3rd.

Broilers Top Food List

MANHATTAN — Broilers and cranberries are features on the December [illegible] food list.

Other foods [illegible] turkey, g[illegible]

Hesston Corporation scrapbook

M.E. 12/1/60

Hesston Cage Club Boasts Star Lineup

Special to The Eagle and Beacon

HESSTON, Kan.—Ten former Kansas college basketball stars form the nucleus of the Hesston Windrowers, which promises to be one of the strongest AAU cage clubs in the state this season.

The team should be "somewhat stronger" than the 1959-60 outfit sponsored by Hesston Manufacturing Co. which lost only four games, according to Coach Ed Head.

"Last year all of our losses were by slight margins, including those in the state tournament in Wichita," recalls Head, a star on the strong Kansas State Wildcat teams of 1949, 1950, and 1951 who now lives in Newton.

Four new members of the current squad, Head believes, will give it the potential to capture state honors and represent Kansas in the National AAU finals [illegible] ver next spring. They

[illegible] Slaymaker, 6-foot guard who was an all-conference selection for Emporia State and led the nation's small college players in free throw percentage as a senior;

Merle Sturd, 6-foot guard who earned Little All-American mention after earning his fourth letter for Fort Hays State College as well as All CKL honors;

Joe Powell, 6-7 center who lettered three years at Kansas State after rating as one of the top Kansas prep postmen in his senior year at Emporia High School;

Stan Regier, standout 6-foot guard for Bethel College.

Returning members from last year's squad which won the Newton City League title include: Bob Hodgson, 6-7 center, formerly an all-Missouri Valley performer for Wichita U.; Larry Penner, 6-4 forward, a former Bethel College star; Ray Potter, 6-3 forward, ex-Southwestern College stalwart; Gerry Eck, 6-1, who performed for Bethel College; Johnny Siemens, 5-9 guard, another Bethel graduate; Don Miller, 5-11 guard who lettered for Arkansas City Jr. College.

E.E. 9/3/59 Page 34

Hesston Company Plans Major Plant Expansion

Special to The Eagle

HESSTON, KAN., Sept. 3 — Major plant and payroll expansion for Hesston Mfg. Co., Inc. farm machinery manufacturer located seven miles northwest of Newton, was announced Thursday.

The company will:

1. Add 100 more employes, bringing total payroll to 470 by mid-winter;
2. Increase production floor space by 24,000 square feet;
3. Add 35 per cent to assembly lines, with proportionate increase for metal shop, press shop and paint facilities;
4. Modernize the plant with installation of additional mechanized equipment.

Some $300,000 has been authorized by the board of directors of Hesston Mfg. Co., Inc., for the key expansions, according to Lyle Yost, company president.

The concern manufactures farm equipment, principally windrowers, corn harvesters, straw choppers, row crop savers and a new pull-type hay conditioner to be introduced in 1960.

This is the 11th consecutive year that Hesston has made a major plant expansion.

Top single expenditure this year will be for the addition of 24,000 square feet of production floor space at Hesston Plant II just north of Hesston on U.S. 81. This work is well under way and buildings should be ready for use about Oct. 1.

HUTCHINSON, KANS., NEWS
Circ. D. 52,504 S. 53,145

APR 14 1960

M.E. 11/30/60

Hesston Firm Reports Sales Up $1 Million

HESSTON, Kan. (AP) — This farm community's major industry, Hesston Manufacturing Co. Inc., reported Tuesday its sales in the fiscal year ended Sept. 30 totaled $6,572,416, a million dollars above the previous year.

Lyle E. Yost, president, said sales have exceeded prior records for 12 of the firm's 13 years in business. The farm equipment manufacturing firm has 390 employes.

Hesston Firm 'Grows Up'

HESSTON — A company which had a 10-by-10-foot office with orange crate chairs 12 years ago will move into a new brick and masonry office designed for 60 employes this fall.

Ground has been broken for the new building to be located at the Plant II site of Hesston Manufacturing Co., and Pyle Construction Co., McPherson, plans to have it ready by early fall.

The 1948 office of the farm implement firm was recalled by Lyle E. Yost, president, at groundbreaking for the new building.

He recalled that a piece of oil well casing with a gas burner piped into it heated the building and commented, "At least we didn't have much overhead."

Courier 9/3/59 Page 7

Farm Machine Plant Expands

A $300,000 plant expansion has been authorized by the board of directors of Hesston Mfg. Co. Inc., farm machinery manufacturer located seven miles northwest of Newton, Lyle Yost, president, said Thursday.

This money will be spent during the next six months, with much of the work already assigned and under construction.

The concern manufactures farm equipment, principally windrowers, corn harvesters, straw choppers, row crop savers and a new pull-type hay conditioner to be introduced in 1960.

This is the 11th consecutive year that Hesston has made a major plant expansion.

Largest single expenditure this year will be for the addition of 24,000 square feet of production floor space at Hesston Plant II, just north of Hesston on U. S. 81. This work is well underway and buildings should be ready for use about Oct. 1.

100 More Workers

The additional space permits an approximate 35 per cent increase in the assembly lines and a proportionate expansion of the metal shop, press shop and paint facilities. The plant is also being modernized thru the addition of mechanized equipment, including several heavy-duty late model machines.

John Siemens, director of personnel, said the company expects to add about 100 employes to its payroll by mid-winter. Employment increase will start some time in October. The company currently employs 370.

More Hay—because it cuts waste

More Profit—because it cuts labor costs

More Quality—because it treats hay more 'carefully'

The Case for SWATHERS

■ Swathers, self-propelled mowers that cut and windrow hay in one simultaneous operation, are virtually revolutionizing haying practices in wide areas of the west. In some of the most productive hay growing areas, progressive farm managers are turning to swathers as though they're the greatest things since balers. Maybe they are!

Despite the fact that swathers have been commercially available for only a few years, fully 45% to 50% of the members of one of the west's most important hay growers' co-ops have purchased the machines and are using them for all of their hay harvesting.

Why this popularity?

Probably nowhere will you find the arguments for swathers presented with greater restraint—yet greater force—than in recent reports from Utah State University. The reports cover experiments comparing the effectiveness of swathers with conventional harvesting methods, mowing and raking. Swathers came out ahead in every single point of comparison—and sometimes by the proverbial mile.

Admittedly, the reports covered only one test—conducted over a single 3-cutting season. Trained research people will usually not go out on a limb with that kind of limited study. Nevertheless, the results were sufficiently conclusive that they made an exception and released the following findings:

Test results

1. A lot more hay was obtained per acre when harvested by swather. In fact, the increase amounted to a startling 23.4%. With even modest yields, that could be ¼ ton more per acre.

2. There was less baler waste from swather hay. This waste was found to be about 32% less. Actually, the per acre figures cited were 47 lb. for the swather hay versus 69 lb. So the advantage seems relatively minor and out of sequence on the list. The mowed and raked hay, of course, had more baler waste primarily because raking just naturally accumulates debris.

3. Use of swathers was estimated to result in a seasonal total man-labor and equipment savings of about one hour per acre. Figuring this acre savings as worth $3, it's easy to see that it doesn't take too long for a swather to pay for itself on this basis alone.

4. The swathed hay had greater feeding value than the mowed and raked hay. The USU feeding test was done with dairy cattle. The cows receiving swathed hay produced ap-

Swathers are virtually "taking over" in many of the west's most important hay producing areas.

JULY 1960

WESTERN CROPS AND Farm management

What does it cost?

Initial cost of a swather is between $4,500 and $5,000.

Operating costs, according to Riverside County, California, Farm Advisor Jack Swagerty, average about $1 per acre. This figure assumes a $1.25 per hour cost for the operator's labor per hour, plus fuel, maintenance, depreciation and interest. Swagerty says that owners of swathers have quoted him costs ranging from 75¢ per acre to $1.25 per acre. The lower price represents a fair estimate for relatively larger ranches where more economical use of the machine can be made, while the higher figure is for smaller operations. Swagerty also points out that the individual operator will have an effect on the costs, too, the more efficient operator cutting the price a little. With these variables considered, he figures $1 per acre is a reasonable estimate of the average. Utah State University also figures $1 per acre operating costs.

Savings, however, would appear to take care of these costs quickly.

Hay grower Cliff Sharp, pictured here standing by his swather, says it paid for itself the first season he owned it. How come?

It eliminated the need for two mowers priced at $600 each.

It eliminated the need for two tractors to pull the mowers—tractor cost: $3,500 each.

It eliminated the need for one rake—$700.

So the value of the machinery it replaced alone was considerably more than the original cost of the swather. When savings in cost of labor to operate the machinery which the swather eliminated are added, the savings are boosted considerably.

Sharp is an especially efficient operator, has 1,100 acres in alfalfa. Because of the size, his "per acre" costs including conditioning were 60¢, considerably below Swagerty's estimate.

Blythe, Calif., hay grower Cliff Sharp says his swather paid for itself in just one growing year.

proximately 5% more milk than those getting the other!

Wide popularity

Swathers are, of course, best adapted to areas "where the skies are not cloudy all day." Since they do put freshly cut hay into swaths, its curing time is necessarily reduced. This is a limiting factor for their widespread use in areas where it rains frequently. Nonetheless, swathers are showing up all over. For instance, in the Pacific northwest, besides being used in putting up hay they serve for harvesting cannery peas and for windrowing crops like dry beans and oats that need to dry out in a swath before being combined to avoid excessive loss by shattering.

We talked to three Californians recently who are sold on swathers as the result of their experiences. Two are ranches; one is the manager of an important hay growers' association. All know what it takes to make good hay better.

Growers' experience

Cliff Sharp of Allied Farms at Blythe farms 2,500 irrigated acres, about 1,100 of which are now in alfalfa. And he's done a real "cost accounting" appraisal of his swather investment.

"In 1959 I had 900 acres of alfalfa which I cut between five and six times," he says. "I estimate that I saved $1 an acre each time around." Thus, on the basis of 5½ cuttings, the swather seems to have paid back about $1,400 more than it cost the first year of use!"

Sharp's savings per acre figure is close to the Utah researchers' estimate. USU decided one man- and machine-hour per acre was saved during a total of three cuttings. As pointed out, that would probably come out to about $1 per acre per cutting.

The swather also helped minimize Sharp's manpower problem as well as enabling him to "retire" a lot of machinery formerly used. Where his haying formerly required three men, now it can be done "with a man and a half."

"Retired" machinery

Since most swathers cut about twice as much hay at a time as a mower, Sharp's did away with need for two mowers, which cost about $600 each. It also eliminated the need for two tractors—about $3,500 each—to pull these mowers. But he says it only did away with the need for one rake (at $700), since he finds it advisable to use a rake to turn swaths during early and late season cuttings to speed curing. Of course, this rake requires a tractor. In any case, the value of the machinery eliminated, which will never have to be replaced, was greater than the cost of his swather.

Sharp found that per acre maintenance cost for the swather last year was 13¢. This went largely for replacement of such minor items as sickles, drive belts, etc. Over-all cost for cutting (and conditioning) his hay with his new rig was 60¢ per acre.

Sharp feeds almost all of his own hay but has made no studies of palatability.

Charles Lockhart, who farms 340 acres near McFarland in the San Joaquin Valley, has had his swather for two years. Although he has only 160 acres in alfalfa, his swather is amortizing its cost in a relative hurry, too. That's because seven to eight cuttings are obtained there annually. Even though he generally rakes two swaths together to speed curing and baling, he still feels his swather is a great time saver. Such raking is by no means as extensive as raking after a mower. Too, the tedious part of raking near irrigation borders has been eliminated.

He says there's one point for anyone contemplating buying a swather to keep in mind—you'll have to adjust the distance between borders to conform to the size of the swath it cuts. He finds his borders of 27 ft. apart just right for his 14-ft. swather, since some leeway has to be allowed for necessary interlapping.

Lockhart says a lot of swathers are appearing in his area, although they are by no means in the majority. He sells all the hay he produces. But he

says he receives no premium for the swathed hay.

Other things being equal, swather-cut hay should command a premium price, says Len Leydecker, manager of the Antelope Valley Hay Growers Assn. Properly handled, such hay is cleaner, leafier, more palatable. Riverside County Farm Advisor Jack Swagerty explains why:

Better hay

"The hay is of a much better quality due to the lack of dirt. On light soils, the side delivery rake, especially the wheel-type, puts a large amount of sand and dirt in the hay. In many cases, cattle will not eat this hay readily because of the dirt. Also, hay put up with swathers is put up with more leaves on it, not having to go through the beating involved in raking," says Swagerty.

Leydecker says, "I estimate that perhaps as high as 45 to 50% of the growers here have converted to swathers during the last two years," he says. "Actually the past year has been the big difference."

But Leydecker, a real connoisseur of hay, points out that carelessness after swathing can result in low quality hay. If a grower gets impatient when harvesting early spring or late fall cuttings, not giving the hay on the bottom sufficient time to cure completely, "burned" hay will develop when it's baled. First and last cuttings of the season in this area take seven and eight days to dry to perfection. This is another reason why swaths are usually raked together to speed curing and baling.

Avoid "burning"

There is another management practice that can help a lot in avoiding "burned" hay. Alfalfa needs to be irrigated about the time it is to be cut so that shock to the plant is reduced and it can start putting on new growth quickly. But the irrigation must be timed carefully — so that there is ample moisture throughout the upper root zone of the plant but no moisture on the surface. Otherwise, moisture on the bottom of the swaths can hurt quality.

A 14-ft. swather can cut up to 40 to 45 acres per day and considerably more without a crimper attachment. So, with alfalfa needing cutting only about once a month, few ranches are large enough to need more than one.

Today, swathers are generally considered big machines for big jobs. Considerably more economic study will be necessary before their value for the relatively small operations can be determined.

And there are problems with swathers for the extra large operations, too. Some growers feel that in order to get the greatest benefit from their swathers, they have to "beef them up." This involves substituting a higher horsepower motor. The more powerful motor, then, pushes the swather so much faster and works it so much harder that this, in turn, requires strengthening the structural members of the machine so they can take the added "punishment" of performing at capacities greater than they were designed for.

Quite a number of farm machinery manufacturers are now putting their versions of swathers on the market. One dealer told us that he had more orders for swathers than he could fill. This, again, seems to underscore the fact that the growth of swathing seems to be limited only by the availability of machines and that, as machines become available, it will probably take over as THE way to make hay.

END

NATIVE HAY — Owners report that Timothy, brome, Johnson and other tough native grasses are easy to handle with the Hesston . . . cures fast in airy conditioned windrows.

BEANS — Hesston eliminates practically all the clods from the windrow without lifting. The crop is handled gently with less shatter loss, allowing you to cut later into the day.

PEAS — Dependable Hesston lets growers harvest on a precision time-table. In one area, a 10′ Hesston easily stays ahead of 16 viners.

there's nothing like a Hesston!

Save 4 hours haying time every 60 minutes

with the NEW HESSTON 240 Windrower-Conditioner

...and get better quality hay

Ideal for a wide variety of crops!

Fifteen-minute detachability of the Conditioner gives you crop versatility with the Hesston 240 for cutting and windrowing small grains, beans, mint, peas, lentils, and many other crops. Lets you cut when first grain is ripe reducing crop loss due to lodging, shattering, storms, and insect damage. Hesston windrows lay in an airy criss-cross pattern for easy pick-up with your combine.

Unbelievable — but true! One man and a 14-foot Hesston 240 Windrower-Conditioner will actually cut, condition, and windrow five times faster than a conventional tractor-mower, conditioner, and rake.* Whether you harvest 50 or 5,000 acres, you'll save on manpower, and hours in the field. You save nearly 3 miles of field travel per acre with a 14-foot Hesston compared with a 7′ mower, 7′ conditioner, and 8′ rake. It replaces three to five machines, saving 50% on equipment costs and reducing manpower requirements as much as 75%.

Windrowed hay gives you up to 23.4% dry weight yield increase* and saves those tender, nutritious tips and leaves that are lost by mowing and raking.

* Reports from users and agricultural colleges available upon request.

there's nothing like a Hesston!

Utah Farmer
September 15, 1960

—Photo courtesy Utah State university

Science Seeks Ways to Make Better Hay

Utah State University researchers are finding new methods can result saving more nutrients

By CLEON M. KOTTER

"It looks like the days of the hay rake may be numbered," said Dr. George E. Stoddard, dairy department head at Utah State university, as we watched a combination swather and conditioner circling the field. It was clipping, slightly crimping and leaving the hay in a fluffy windrow for quick drying—all in one operation.

The Utah dairy scientists have been trying hard to find ways to harvest hay and keep all of its original nutrients. Their hope is to produce winter forage that is as high in quality as pastures. This would make possible a big saving on the amount of grain required in winter, even as pastures are doing in the summer.

Hay harvesting tests this year were conducted with this commercial self-propelled machine.

Better Hay . . .

Continued from the cover

THE SECOND CROP hay was baled two days after we watched it being cut. When he saw it, Dr. Stoddard exclaimed, "That's as pretty hay as you've ever seen!" The hay was leafy and bright green in color.

The fluffy way the hay is left in the windrow is equally as important, Dr. Stoddard figures, as the conditioning which is done by a special roller attachment that crimps the hay, allowing the stems to dry faster.

In hay harvesting tests at the university last year, a swather made quite a savings. Harvesting losses were reduced enough to make the hay yield 23.4 per cent greater than that which was mowed and raked.

The harvester travels a little slower than a tractor mower but it combines cutting and swathing into one operation. This saves about one hour of man labor and equipment per acre. Further, the swathed hay is nearly free from dirt normally picked up by the rake. The cows like it better, too. Anyway, at USU they produced about 5 per cent more on it than on the raked hay.

MOST FARM EQUIPMENT has at least a few flaws. Some who have watched the commercial swathers in operation criticize the three to four-inch stubble left. Since they are used to seeing hay clipped close to the ground, this looks like a waste to them.

Two of the Utah State university researchers working on the hay problem — John Barnard, extension dairyman, and Dr. George E. Stoddard, dairy department head. The two are checking alfalfa stems "conditioned" to permit faster drying.

It did to me, too. But Dr. Stoddard explained that the lower stem is quite unpalatable, anyway, and provides very little milk-making nutrition. He said it's doubtful that total yield is reduced any by the higher clipping. Upon examining the stubble closer we noticed a small second growth just starting. Closer clipping would have taken this and possibly delayed regrowth. The longer stubble also had another noticeable advantage. It held the swathed hay up away from the ground, allowing good air circulation through it.

Considering the hay harvesting studies done so far, Dr. Stoddard feels quite confident that combination swathers and conditioners can provide at least part of the answer to producing better hay. They may be just the ticket for those who grow enough hay to justify the original cost.

However, he agrees with USU extension dairyman John Barnard, who says that most farmers could get a lot better hay with their present equipment than they are now doing. They can do it simply by being careful to cut their hay younger in the bud stage and put it up before it dries out so much the leaves are lost.

Utah Farmer — September 15, 1960

HS-26-1060

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F
W PROFILE: AN EXCLUSIVE INTERVIEW WITH D. H. GRISHAM, Grady County, Oklahoma
E

He selects up-to-date tools for low-cost hay production

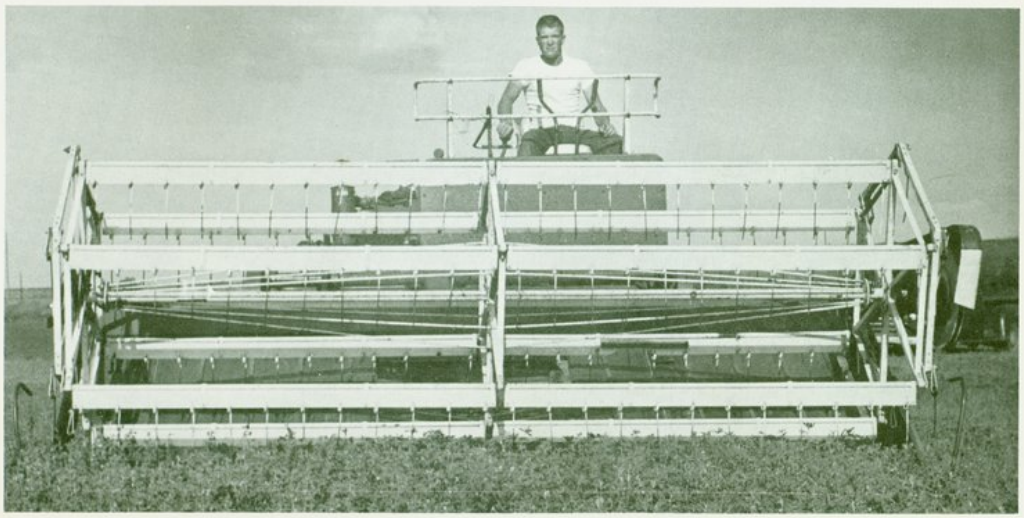
by ERNEST SHINER
Field Editor

Grisham expects *his tools to produce high quality hay.*

D. H. GRISHAM doesn't believe in doing a job now with last year's tools. "You'd better have the latest and best machinery there is so you can do the job in the shortest possible time with the least amount of labor," he says.

Grisham says if he didn't follow that advice he would have to cut down on his fishing and hunting and life just wouldn't be worth living. He admits his plan is also an absolute necessity on his 200-acre dairy farm in Grady county, Okla., where the main crop is alfalfa, 70 acres of which are irrigated.

With his wife and son Jack, Grisham runs his farm with no outside labor hired. The only hiring he does



Covering 60 acres a day *with Hesston windrower, Jack Grisham aids father's quest for better hay production in less time.*

Reprinted from:
WESTERN FARM EQUIPMENT

OCTOBER, 1960

is for hay hauling to a buyer or to his own barn for storage.

Since alfalfa is the main crop on the Grisham farm its growing has been reduced to a pretty exact science. This year the machinery and the system used to grow alfalfa got a complete revamping. Grisham bought a new Hesston 220 windrower, a Massey-Ferguson baler and he and his son built a special dump trailer. Their system now is a one-man operation from start to finish.

60 acres a day

Son Jack, 21, is in charge of the farming and dairy. When a cutting of hay is to be made, he gets up early and cuts. The windrower can cut, condition and windrow at the rate of 60 acres a day. By noon, if the weather is dry and hot, Jack can switch to the baler and begin baling the same hay he cut in the morning. With that system no hay needs to be left in the windrow overnight to be rained on. The baler can bale about as fast as the hay can be windrowed.

Behind the baler is pulled a specially made hay trailer. It has a hydraulically operated tailgate and dump. When it is loaded with bales directly from the baler it is dumped at the edge of the field. Bales are ready to be loaded on the truck and Jack never has to slow down with his baler.

Comparing their present haying system with the way they did it last year, Grisham says now one man is doing the work of six. Up until this year the job took three men, or rather two men and a woman. Jack ran the mower, then Grisham went over the hay with a crimper, followed by Mrs. Grisham with a rake. Each of these operations took just twice as long as the present once-over job that the Hesston windrower does.

Although Grisham made the big change in his haying operation this year, he has always been out ahead when it came to haying equipment. Back in the 1930s he had the first power baler, a Case, that appeared in Grady county. In 1956 he bought the first hay conditioner.

"There is a lot of good haying machinery available now," Grisham says. "I could have been pleased with any of three balers I looked at." It was the sealed bearings of the Massey-Ferguson that finally sold him on it.

Before buying his M-F new this year, Grisham had used a John Deere for eight years. He might still be baling with it, he says, but he needed a baler with a rear unloader so he could use the trailer for dumping bales.

"From now on," Grisham says, "I'll probably be in the market for a baler every three years or so, because we're using the baler more and changes are being made faster."

Other machines that keep the Grishams' hay crop growing them a profit are a Case tractor that pulls a 3-bottom plow, operates their irrigation pump or does cultivating. A new John Deere spring tooth with special alfalfa teeth was added this year. "It is one of the best new tools I've found," Grisham says.

Grisham believes his windrower will pay for itself in one year's operation in saving of labor and increasing the quality of his hay. He figures fuel expense at about 10 cents an acre for windrowing. It takes about 25 gallons of gas to do 60 acres. That's pretty low cost operating.

Big demand for quality

Because of high quality hay, Grisham has a good demand for his crop and it brings a premium. His price this season has been about $25 a ton compared with $22 to $23 for other hay in the area. He gives much of the credit for quality to the new windrower. The hay goes directly to the stubble after it is cut, windrowed and crimped. It is not turned and twisted in the dirt by a rake. Leaves aren't knocked off and it doesn't get rained on because of the fast drying action.

High grade 5th cutting

The variety, Lahontan, also gets a lot of credit, Grisham says. It is finer stemmed than Oklahoma Common or Buffalo. A grader who inspected Grisham's fifth cutting said it would grade pea green extra leafy, the best you can get.

Grisham's hay will make six cuttings and maybe seven, depending on the frost date this fall. On a test acreage where he used maximum water he will make over nine tons an acre, with the rest of his irrigated alfalfa not far behind.

Plenty of water is Grisham's formula for growing hay. This summer he put on 10 inches in two irrigations. He usually applies more, but rainfall this summer in Oklahoma has been unusually heavy. Irrigation comes from a lake built by Grisham and his son Claris, who is a dirt moving contractor. Water comes from Brushy creek and there is an unlimited supply. The lake is liked most for the good fish that come out of it, Grisham says.

Irrigation is by flood system. The Grishams did all their leveling, terracing and ditch forming with the Caterpillar equipment owned by the younger Grisham. They irrigate about 70 acres now and may add more later. Tractor power operates the centrifugal pump that brings water out of the lake at the rate of about 2,000 gallons a minute.

The Grisham dairy is as well equipped as the farming operation. A bulk tank and pipeline system cut the time spent with the large herd of registered Holsteins to about an hour a day. Cows have irrigated pastures as well as plenty of top-quality alfalfa to eat. No silage is used because of the labor involved.

For the future in hay making Grisham sees pelleting taking over the baling chore. "But not for several years—at least five," he says. "And when we can bale and stack 300 bales an hour with one man, it's not such a bad system," he adds.

But you can be sure, when hay pelleting does come, or any other new development in forage machinery that offers promise of higher production at less labor, Doug Grisham will be the first to give the machines a good try.

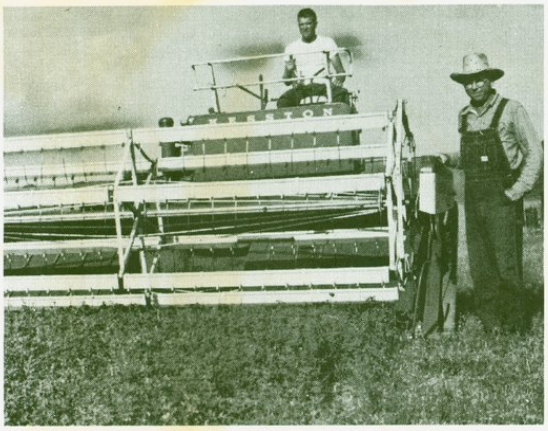
Fast-paced hay production *is made possible by this Grisham machinery team, Massey-Ferguson baler and Hesston windrower. They get 300 bales an hour.*

He's Cut Hazards and Costs in a New System of

Fool-Proof Hay Making

This story written from Grady county, Central Oklahoma

By Ernest Shiner, Oklahoma Editor, The Farmer-Stockman



Jack Grisham at the controls and Doug Grisham say their windrower has made haying a 1-day job. The machine cuts haying time to 1/6th of former requirement.

"THERE'S AS MUCH difference in the way I made hay this year and the way I did it last year as there is in the speed of a model-T and that satellite we watch going around the earth."

Doug Grisham admits he may be exaggerating just a little bit with that statement but when you see his alfalfa growing and harvesting methods you might agree with it.

Grisham doesn't follow all the rules and recommendations of experts in running his 200-acre farm in Grady county. He is convinced that Lahontan alfalfa is the best variety to grow. He started growing it even when just about everybody told him it wasn't a good idea. Now he has all but 20 acres of his 100 acres of alfalfa in Lahontan.

Along with the change in variety, Grisham made a complete switch in machinery and harvesting methods on this year's hay crop. He got rid of his mower and rakes and bought a windrower. With a new baler and a home-made hay trailer he has a 1-man haying system that brings hay making close to an exact science.

"This year I found a way for my son Jack to do all the haying so my wife and I would have more time for fishing," Grisham says. Last year hay making on the Grisham farm was a 2 man and 1 woman job. Jack ran the mower, Grisham ran the conditioner over the hay, then Mrs. Grisham raked it. Then the hay was ready to be baled. After that the bales had to be picked up and hauled out of the field. That's how it used to be.

Here's the way haying is done now. Jack takes the windrower out early in the morning as soon as the hay is dry. He cuts, conditions and windrows the hay in one operation. By noon he can bale hay cut that morning.

He can mow, condition and windrow hay at the rate of 60 acres a day and he can bale just as fast. There is no picking up bales after the baling operation either. A trailer built by the Grishams is pulled behind the baler. It has a hydraulic tail gate and dump so that when a load is accumulated it can be taken to the edge of the field and unloaded. The baler never needs to stop.

Advantages of the new haying system are so many Grisham has a hard time listing them. His variety, Lahontan, has the big advantage of being resistant to the spotted aphid, which once put Grisham and hundreds of other growers out of the alfalfa business. Lahontan has other advantages, too, Grisham says. It is finer stemmed, meaning a better quality hay. The plants aren't covered with the honey-dew left by aphids on other alfalfa varieties. The higher quality hay has meant a premium of $2 to $3 a ton on all his hay this summer.

The change of method of putting up the hay was so sudden it seems almost impossible to Grisham and his neighbors who have watched it work. Getting the hay ready for the baler takes just 1-6 as much time as before. Now 3 operations are done at one time and the single operation is done in just half the time it formerly took to do each of the mowing, conditioning and raking jobs.

Costs have been cut. Fuel for the windrower runs about a dime an acre. It takes about 25 gallons of gasoline to cut 60 acres. Labor and machinery savings mean lower costs and wider margin of profit.

The windrower also means better quality hay. In ordinary mowing and raking operations, hay is twisted and rolled in the dirt, lowering quality and value. The windrower cuts the hay, conditions it and lays it gently on top of the stubble. It doesn't move until the baler picks it up. Fewer leaves are lost.

The new system means no more loss of hay from rain. During threatening weather hay can be mowed in the morning and baled in the afternoon. This year none of the Grishams' hay was rained on. It cured well and leaves stayed on.

Grisham got 6 cuttings from his hay this year and 7 from some of it. On some of his best land tha. was irrigated and fertilized just right his production was over 9 tons an acres. He cuts his hay when it is not over 10 percent bloom for highest protein content. His hay grades pea-green, extra leafy, the highest grade there is.

About 70 acres of Grisham's hay is irrigated by flooding from a lake he and his son Claris, a dirt moving contractor, built. They also leveled and terraced their own land.

The Grishams milk a large herd of Holsteins in addition to growing alfalfa and irrigated pasture. Mr. and Mrs. Grisham and son Jack do all the work, with no outside labor hired. The only thing they don't do is haul hay to buyers or to their barn for storage.

Irrigation work is cut to a minimum also. Moving siphon tubes every 2 hours is the only manual labor. No one goes into a field since they are leveled so water runs where it is supposed to. This year crops were irrigated twice, 5 inches at a time. A 2,000-gallon-a-minute centrifugal pump moves water from lake to ditches.

Lots of high-quality alfalfa is result of Doug Grisham's new method of hay-making.

Each end of the platform floats to follow the ground contours of even fields.

The company claims its "Trim-Steering" makes the windrower "the easiest steering machine on the farm." A single control level governs full power turns up to 15 degrees as well as field and hillside drift. A complete spin turn within its own width can be executed smoothly. Controls are located within short reach of a well-padded driver's seat.

Clutch and planetary gear problems are non-existent on the Hesston Windrower. Patented V-belt transmission and drives are the answer to this maintenance headache, and also minimize shock loads.

The Hesston units have double-forged steel sickle guards with self - sharpening ledgers. These penetrate heavy, tangled growth, maintain alignment longer, and stop buildup on ledger plates. The sickle is chrome-plated to resist rust and gumming. It is easily removed by loosening two bolts and sliding out. The top edge of the blade is serrated. For more information—

Write in No. A10 on coupon. Pg. •

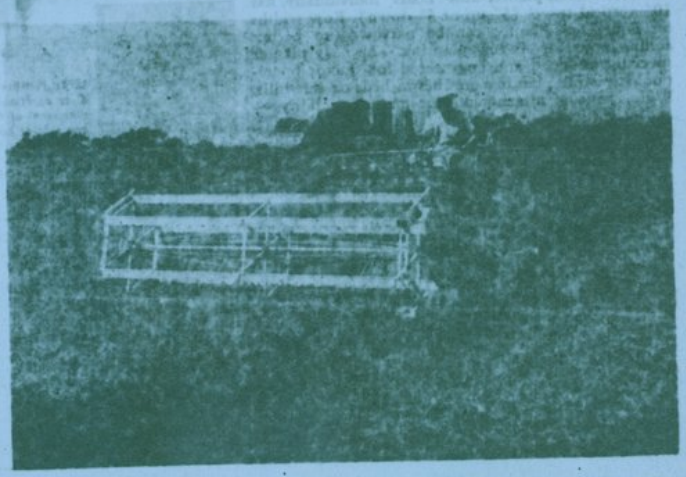
Hesston Lists Changes on Windrower-Conditioner

SOME 40 DESIGN improvements have been built into the 1961 model of the Hesston Windrower-Conditioner, the Hesston 240, according to the company. The self-propelled was a best seller for Hesston Mfg. Co., Hesston, Kansas, according to Lyle E. Yost, president.

Lyle predicts the windrower will become a universally popular farm tool like the tractor and combine. The process permits cutting, windrowing and conditioning hay in a single operation.

Improvements on the Hesston 240 produce a lower, more massive silhouette than the Hesston 220 model with better all-around performance. The reel drive is completely redesigned. Large primary and secondary drive sheaves have 100 percent more belt wrap, which delivers the crop onto the platform more efficiently.

Fluffier windrows are the result of the Hesston 240's exclusive parallel platform linkage, which keeps the cutter bar level and maintains a constant 36-degree platform angle, regardless of cutting height.



SOUTHERN FARM EQUIPMENT for JANUARY, 1961

Open House Due at Hesston

Tours Arranged For New Offices

Special to The Eagle

HESSTON, Kan. — Hesston Manufacturing Co. Inc. will spread the welcome mat before the entrance to its new general office building and plant facility at an open house Tuesday evening.

Lyle E. Yost, president of the nation's 14th largest farm equipment manufacturing company, said, "All our friends and neighbors in central Kansas will be welcomed and taken on a tour of our new quarters from 7 to 9 p.m."

The firm moved into its new office quarters in mid-December, completing the biggest expansion in its 13-year history of growth.

The L-shaped one story office structure was under construction even before a major 24,000-square foot production plant expansion was completed. Hesston Manufacturing facilities total 94,200 square feet, as compared with 107,000 square feet at the end of 1959.

Three Additions

A large shipping building and loading dock were completed in February 1960—the first of three major additions in the year.

The new office building includes 12 executive offices, a spacious lobby, paneled conference room, clerical office, mailing room, employe lounge, accounting office, interview rooms and 2,000-square foot basement and storage room. It is air-conditioned and of brick and masonry construction. About 40 office personnel occupy the space, which will accommodate about 60 persons and is designed for easy expansion.

SMALL TOWN BOASTS LARGE INDUSTRY — Aerial view includes manufacturing facilities of Hesston Manufacturing Co. Inc., Hesston, Kan., where an open house will be held Tuesday evening. The plant manufacturing area has been increased by more than 70 per cent in two years.

Married 50 Years

Special to The Eagle

ARKANSAS CITY, Kan.—Mr. and Mrs. P. W. White of Arkansas City will observe their golden wedding anniversary Thursday. They were married at Va... Okla. White is a retir... foreman for the ... road Co.

Portraits

By JOHN C. METCALFE

WEATHER

There are some folk about our town . . . Who seem to talk a lot . . . About the weather be... cold . . . Or being ...

The Wichita Eagle 9A

Thursday Morning, January 5, 1961

cannot stand . . . The Wint... frigid air . . . Or ... soaring h... ever...

Wichita Morning Eagle
1-11-60

HESSTON FIRM HOLDS OPEN HOUSE — Formal open house ceremonies for Hesston Manufacturing Co. Inc. at Hesston, Kan., Tuesday night involved the planning of many details to accommodate the crowd of more than 3,000 guests. Discussing arrangements are, from left, Harold Dyck, vice president; Lloyd Smith, director of sales; Lyle E. Yost, president; Ray Schlichting, secretary-treasurer; and John Siemens, director of industrial relations. — (Eagle Staff Photo.)

3,000 Inspect Hesston Firm

Open House Held At New Offices

By Eagle Staff Writer

HESSTON, Kan.—Full facilities of Hesston Manufacturing Co. Inc., founded here in the fall of 1947 and still growing, were inspected by more than 3,000 persons Tuesday night in an open house of the firm's new general offices.

Lyle E. Yost, president of the firm—ranked 14th largest among some 1,200 farm equipment manufacturers in the nation—called the event "another highlight in the Hesston company's history."

He said the new general offices are a tribute to those who have helped the firm grow—the employes, the community and the farm equipment industry.

434 Employed

Hesston Manufacturing, which since its founding has introduced and produced 82 different products ranging from unloading augers to row crop saver attachments for harvesting equipment, now employs 434 persons.

The company president said the city of Hesston, with a population of some 400 in 1947, has since grown to approximately 1,200. More than one-third of the employes are from the immediate community, others come from the towns and farms within a 25-mile radius and several commute daily from Wichita.

The L-shaped office structure, formally opened Tuesday night, brings the total square footage of floor space available for offices, production and under-the-roof storage to 134,200.

Expansion Planned

As Yost and members of his staff guided visitors through the facilities, they continually pointed to various places "where we will expand" for additional production space, for adding new equipment, even for extending shipping facilities.

The new office includes 12 separate executive rooms, spacious lobby, paneled conference room, clerical offices, mailing room, employes lounge, space for accounting operations, all designed to speed paperwork for the firm now doing business in all 50 states and many foreign countries.

Gross total sales by Hesston for fis cal 1960 were $6,572,416, according to President Yost. It marked the firm's seventh consecutive record-breaking year and the 12th in its 13-year history.

Expect Peak Year

"We have already geared our sales, production and distribution for another peak year in 1961," Yost commented.

It was after Yost returned from a Texas-to-Canada custom harvesting trip in the summer of 1947, where he was disturbed about the time wasted unloading

grain from hoppers on his fleet of combines, that the need for improvements in farm machinery came to his mind.

Yost had designed an auger that would whisk the grain from the combine hopper to a truck as they rolled along in the field. No stop was required for unloading and acreage was increased considerably.

Sees Potential

Working with Aidin Holdeman, Hesston machinist, the auger was installed. Neighbors saw it, liked it and asked to have one installed on each of their combines.

Seeing the potential, Yost, Holdeman and Elmer Berner, the latter handling sales, formed a partnership. Yost later acquired all interests and continued to expand.

The 47-year-old president attributes "the history and success" of his firm to "good product design," pointing out that Hesston spends much more, in some cases twice as much, as leading competitors in research and development.

Hesston Corporation scrapbook

Each end of the platform floats to follow the ground contours of even fields.

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Write in No. A10 on coupon, Pg. 8

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The Hesston self-propelled windrower clips, crimps and windrows hay in one operation. The new Model 240 features 40 improvements over the highly successful 1960 model. See it at S. P. Lummus Supply Co., Inc., spaces 358-360, 371-373.

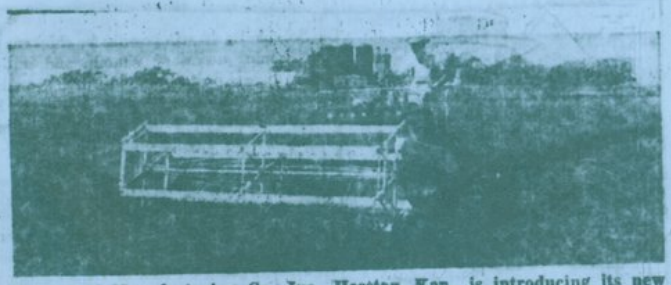
SOUTHERN FARM EQUIPMENT for JANUARY, 1961

TOPICS

and Forecasts for the Farmer and Rancher of the High Plains country . . .

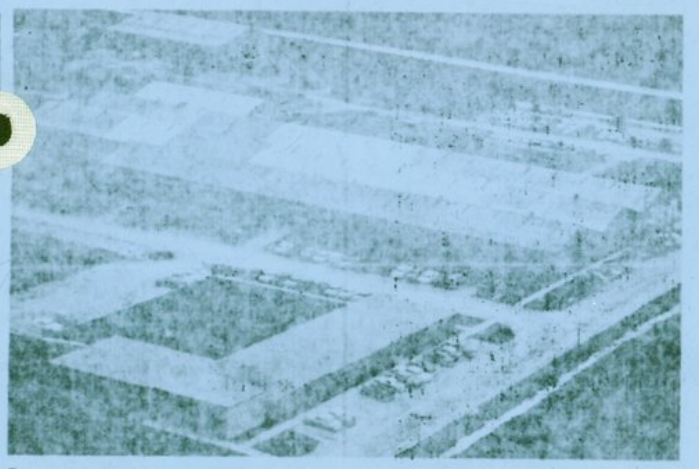
Introduce Reversible Straw Chopper

A new straw chopper with a rotor that can be run in either forward or reverse rotation is now being manufactured by the Hesston Manufacturing company at Hesston, Kans. The farmer can set his chopper to shred straw fine or chop it coarse to do the best job possible under existing crop and field conditions and the width of spread can be controlled from 12 to 20 feet. Hesston field studies show that with a straw chopper on the combine, 24 hours, disking time were saved per 100 acres. The unit performs efficiently in wheat, soybeans, barley, oats, flax, lespedeza and other tough crops.



HESSTON Manufacturing Co., Inc., Hesston, Kan., is introducing its new model 240 windrower. This self-propelled machine cuts and windrows hay, small grains, and other crops. Because the windrower replaces three to five pieces of equipment, the manufacturer says field travel is reduced, equipment, fuel, and maintenance costs are cut up to 50 percent, labor costs are cut by 75 percent, yield is increased up to 23.4 percent, and soil compaction is reduced by 85 percent. Write the company for more details.

PRAIRIE FARMER—February 18, 1961



From the air, the facilities of the Hesston Manufacturing Co. show graphically the story of a big industry in a small town. This view includes the new office building (the L-shaped structure in the left foreground) as well as some of the other expansions completed at Hesston during 1960.

Hesston Manufacturing open house displays major plant expansion

HESSTON, Kas. — It was the Red Carpet Treatment for visitors at the Hesston Manufacturing Co., Inc., here Jan. 10. The occasion was an open house at the new general office building and plant.

It marked the completion of a $300,000 plant expansion, representing a 35 percent increase in assembly line floor space as well as a proportionate addition of space for the metal shop, press shop, and paint shop.

"These expansions will help our overall efficiency and are expected to lower manufacturing costs by smoothing out the flow of materials and products through the plant," Lyle E. Yost, president of the firm, said.

"It also gears our company for further expansion of our product line and our volume of present products in the years ahead."

Hesston Manufacturing, the 14th largest farm equipment manufacturing firm in the nation, moved into the new office building in mid-December. It was the largest single expansion in the 13-year history of the firm.

The three buildings completed during 1960 are the L-shaped office building, a 24,000 addition to the production area, and a large shipping room and loading dock. Besides the new buildings, Hesston has also installed a large amount of new machinery.

The office building has 12 separate executive offices, paneled conference room, clerical office, mail room, employee lounge, accounting office, personnel interview rooms. The 2,000 square foot basement is used for storage. Adequate room for a 50 percent expansion has been included.

The expansion program brings to 134,200 square feet the amount of space in the Hesston facilities. This compares to 107,000 square feet at the end of 1959 and 83,000 square feet in 1958.

The crowd of visitors was variously estimated at between 3,000 and 8,000 persons.

The Hesston firm has manufactured 82 different pieces of farm equipment in its 13 years, some of which are discontinued products.

The first product was combine bin grain augers, built to help out some friends in 1946. Today one of the major products is windrower, a machine to cut hay and drop it in windrows.

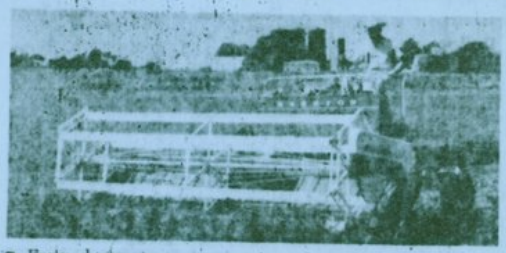
The current employee rate is just under 400 with periods of peak demand requiring a higher labor force. Hesston is a small town some 35 miles north of Wichita.

VISITORS admired the paneled conference room at the Hesston Manufacturing Co. open house. The conference room is part of the new office building.

MIDWEST INDUSTRY MAGAZINE
2/61

Western Farm Equipment
2/61

WINDROWER-CONDITIONER
features 40 design improvements for '61



■ Forty design improvements have been built into the '61 model of the Hesston windrower-conditioner, reports the company. Labeled the Hesston "240," the self-propelled machine cuts and windrows hay, small grains and many other crops.

Some of the improvements are: reel drive is completely redesigned; parallel platform linkage keeps cutter bar level and maintains constant 36-deg. platform angle regardless of cutting height; a single control lever governs full power turns up to 15-deg. as well as field and hillside drift; and double-forged steel sickle guards feature self-sharpening ledgers. *Hesston Mfg. Co., Inc.*

. . . for more details, circle No. 10 on Reader Service Coupon

Classy Field to Compete

AAU's Cage Tourney Will Open Tonight at Forum with 4 Games

TONIGHT'S SCHEDULE

6:45 p.m. — McPherson American Legion vs. Winfield Merchants.

8 p.m. — Kansas City Richards-Gebaur AFB Interceptiors vs. Augusta Beard Oilers.

9:15 p.m. — Topeka Stevenson Roofers vs. Kansas City, Mo., Athletics.

10:30 p.m. — Wichita Boeing Bombers vs. Wichita McKinley Park Raiders.

Boeing Bombers and McPherson American Legion who have won 6 of the previous 15 Missouri Valley A.A.U. basketball championships staged in the Wichita Forum, are poised for action in the 16th annual cage event which opens a five-night stint this evening.

The former National Legion champs — McPherson — under the managership of "Hall of Famer" U.S. Grant, open the tourney play in the 6:45 scrap by going against the Winfield Merchants. The Cowley county club is loaded with former Southwestern college athletes.

Tops Night's Card

Holding the spotlight on the first night of play is the 8 o'clock fracas between the midwestern air force champions — Richards-Gerbaur Interceptors from Kansas City, Mo., and the Augusta Beard Oilers. The Oilers will have three ex-Big 8 stars in their line-up, including Jim Kirkendall from the University of Oklahoma, Bill Hougland and Bill Lienhardt from Kansas U. The air force entry has a 37-8 season's record and will represent this region in the world air force tournament next week.

A five-time tourney finalist—Topeka Stevenson Roofers — tangle with a stubborn foe in the 9:15 bill. They'll take on the Kansas City, Mo., Athletics, led by Ike Eisenhauer, a tourney veteran.

Bombers Square Off

Boeing Bombers square off against the McKinley Park Raiders in the nightcap fracas set for 10:30.

Top-seeded teams which will not play their first-round game until the Wednesday night program include Wichita Weller Construction, Ottawa Waymires, Wichita Westlinks, Hesston Manufacturing and Arkansas City May Builders.

With the fastest field in history, and a direct bid to the National A.A.U. meet in Denver as a prize, a lively race is in the offing, points out Tournament Director Frank Woolf.

Wednesday's Schedule

6:45 p.m. — Wichita Weller Construction vs. McPherson Thompson Transport.

8 p.m. — Arkansas City May Builders vs. Hesston Manufacturing Co.

9:15 p.m. — Topeka Hughes Conoco vs. Ottawa Waymire Surplus.

10:30 p.m. — Wichita Westlinks vs. Pratt Young's Service.

2B The Wichita Eagle
Tuesday Morning, February 28, 1961

BILL HOUGLAND
Cage Veteran Ready

Hesston Corporation scrapbook

HESSTON FIRM GROWS WITH PLANE TRAVEL

Hesston Manufacturing Company, Hesston, Kansas, an air-minded company with a growth rate that's been moving in the jet stream, recently celebrated a milestone of its dramatic 13-year history — formal opening of its new general office building and 24,000-square foot plant expansion.

More than 3,000 persons from several central Kansas counties filed through the modern new facilities in a three-hour evening period.

As a producer of labor-saving and cost-cutting farm machinery, Hesston has expanded its plant every year since it began. In little more than a decade the company has become the nation's 12th largest in its field, which includes some 200 manufacturers. Its gross sales volume soared to near $7,000,000 last year. Its total plant and office space has ballooned from 83,000 square feet at the end of 1958 to the present 134,200 square feet.

The Hesston name has risen to national prominence, with sales and distribution that extends from coast to coast. In fact, its products are used in many foreign countries as well.

Because of this stature, Hesston executives have been quick to follow the lead of its Flying Farmer president, Lyle E. Yost, and take to the air. Purchasing Manager Cliff Stutzman finds frequent need to fly to confer with suppliers. Wayne Henard, field sales manager, logs frequent flights in building his network of sales outlets. Lloyd Smith, another sales executive, makes frequent trips of long distances. Lowell Good flies to out-of-the-way points in many parts of the U. S. to field-test Hesston equipment under a variety of localized conditions, frequently accompanied by other members of the engineering and production staffs. Bill Long, a draftsman for the company, holds a commercial pilot's license and is a flight instructor at Wirt Field, Newton, where Hesston planes are based.

President Yost owns one of the two planes used by company personnel, a 1960 Cessna 210, which already has some 470 hours' flight time. Henard is part-owner of the other Hesston craft, a 1960 Piper 250 Comanche, which has about 390 hours in the air.

The company, cognizant of the value of flying in business, has encouraged its people to learn piloting skills by paying the cost of specialized training. Only Smith learned to fly in military service. Henard and Good have learned since joining Hesston. Yost began flying in 1945, shortly before he helped found the company, when he was engaged in widespread farming and combining operations in the plains states.

"A business like ours demands that we attend many conventions and sales meetings, travel widely in market research work, and field-test our products extensively. For all these demands we are thankful that we can take to the air, and not have to conform to commercial transportation schedules."

Yost predicts continued growth for the firm. Its leading product, the Hesston Windrower for cutting hay and a variety of other crops, has made the Kansas firm the world's leader in that field. Its Straw Chopper, Row Crop Saver, Corn Harvester and other attachments have promising futures.

COVER

Pictures on the cover include an aerial view of newly completed Hesston Manufacturing Company facilities at Hesston, Kansas, and some of the firm's executives who flew on more than 100 business trips last year. Flying members of the firm, from the left, are Lyle E. Yost, president; Wayne Henard, field sales manager; "Bearded Bill" Long, sporting Kansas Centennial whiskers; Lowell Good; and Cliff Stutzman. Flying Farmer members of the company are Yost, Henard, Stutzman, Harold Dyck, vice president; Lloyd Smith, director OEM Sales; Max Graham, general manager; and Robert M. Hobson, advertising and sales promotion manager.

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E,E 3/3/61

Roofers to Floor K-State Grads in Starting Berths

AAU Meet Semis Slated

By JIMMY WATTS
Eagle Sports Writer

An all-Kansas State alumni five will open for the determined Stevenson Roofers of Topeka Friday night when the Capital City five faces another dead-bent-for-top-trophy team honors, the Weller Indians of Wichita, in the opening semi-final game of the 16th Annual Missouri Valley AAU Basketball Tournament at the Forum at 7:30.

Former Wildcat cagers scheduled to be in the starting lineup for the Roofers will be Gene Wilson, Glen Long, Sonny Ballard, Mickey Heinz and Eddie Wallace. Wilson, who will be making his first start in this year's tourney, was voted the most-outstanding-player in the 1959 meet here. He has been out with an injured ankle the past week.

In addition, Stevenson's will use a couple of talented tall boys, from the tough Missouri Valley Conference: Gary Shivers, a 6-7 behemoth from Houston; and Jim Gilchrist, also 6-7, and a former Drake University whiz.

Bolstering the Wellermen will be a trio of former University of Kansas court stalwarts — Al Donaghue, Monty Johnson and Bob Billings. This threesome will join with University of Wichita immortal Cleo Littleton, and former Shockers Al Tate and Tom Mallot; and another Houston great, Don Boldebuck who cut his post-graduate cage teeth with the Vickers team that captured the national AAU title at Denver two years ago.

In the nightcap tonight, at 9 o'clock, the defending champion Westlinks take on the always-rugged Hesston Towners. This game rates a tossup, if you'll pardon the pun.

The Weller-Stevenson game is slated to be a "closie", too, but a few of the tourney sidelinersinsist the Indians are achin' to "take the roof off," after veterans Nick Revon and Jerry Mullen were declared ineligible 24 hours before the tourney opened Tuesday.

The championship game is set for Saturday night, following the game for third place. The preliminary tilt will get under way at 7:30 with the title fray scheduled to start around 9:30.

Sem. E 3/5/61

Roofers Annex Tourney Crown

Defeat Westlinks In AAU Contest

Topeka Stevenson Roofers counted big in a five minute overtime period to put down the Wichita Westlinks 86-75 for the championship of the Missouri Valley AAU basketball tournament at the Forum Saturday night.

After trailing by a small margin throughout most of the game the Westlinks put on rally in the waning minutes of the last half. With 52 seconds left in the game the Wichitan's trailed 68-66. Gary Mann was fouled and counted twice on a one and one situation to tie the game.

In the overtime period Mickey Heinz paced his teammates with eight tallies to halt the stubborn Westlink squad.

Heinz took game scoring honors with 25. Teammate Glen Long was second with 19. Andy Matson led the Wichitans with 17. Herb Coin was second with 13.

Topeka led at the halfway mark 35-26.

Former WU ace Al Tate pumped in 39 points to lead Wichita Weller to a 109-101 victory over Hesston Mfg. in the consolation game of the MVAAU tournament at the Forum Saturday night. Del Heidebrecht paced the losers with 27.

It was the highest scoring game in the history of the classic, and it was the first time that both teams ever scored more than 100 points. Weller posted a 50-46 advantage at the intermission.

WICHITA WESTLINKS	G	F	P
Jackson	2	1	5
Carman	1	0	2
Matson	6	5	17
Urban	0	1	1
Razeka	1	4	6
Strathe	2	4	8
Normore	3	2	8
Mann	2	4	8
Coin	6	1	13
Totals	23	15	14

TOPEKA STEVENSONS	G	F	P
Ballard	2	2	6
Bunten	0	0	0
Wallace	0	4	4
Shivers	0	2	2
Long	8	3	19
Heinz	9	7	25
Gilchrist	1	1	3
Darr	1	3	5
Totals	29	22	22

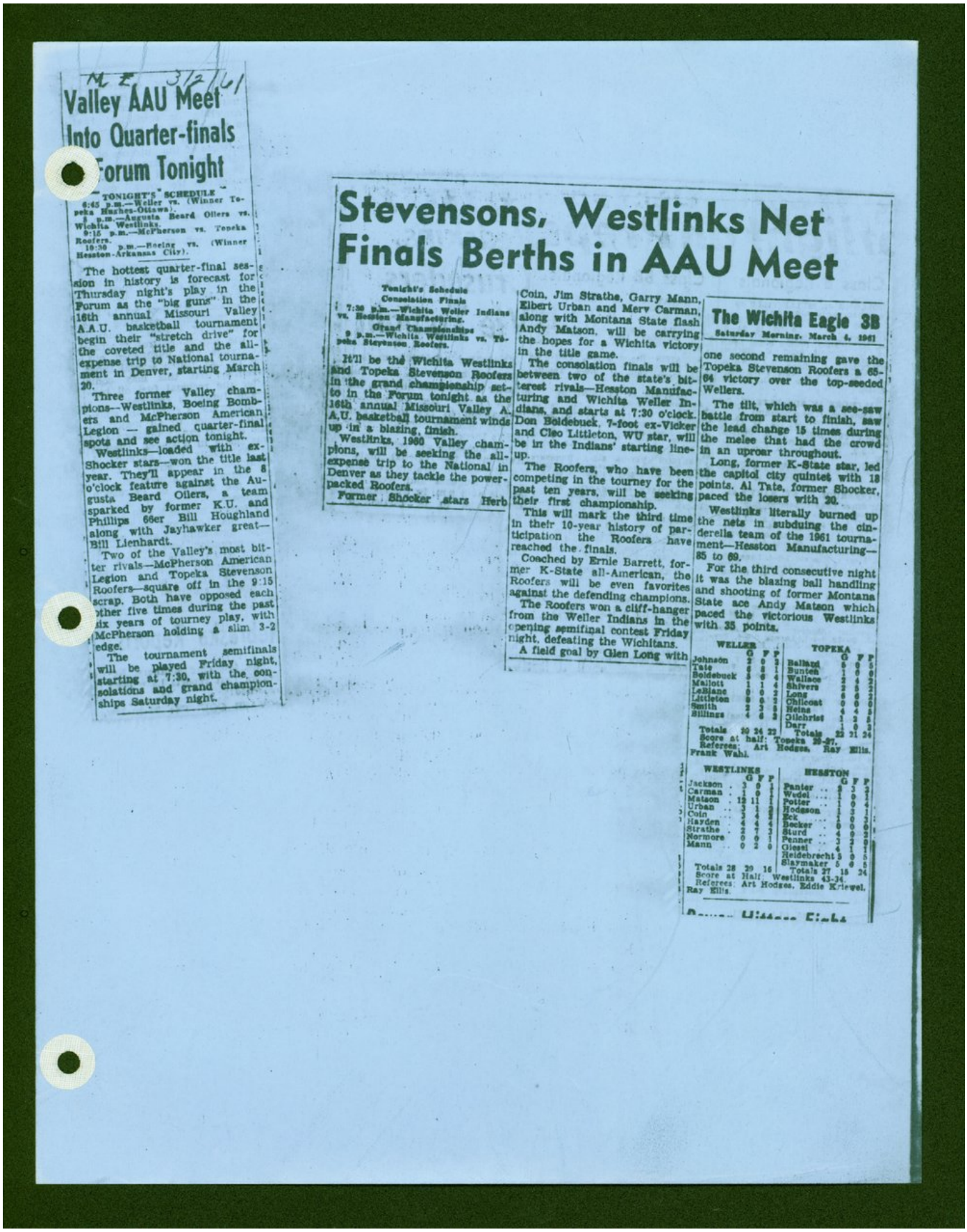
Score at Half: Westlinks 26, Topeka 35.
Referees: Art Hodges, Frank Wahl, Eddie Krieger.

WELLER INDIANS	G	F	P
Johnson	2	1	4
Tate	13	1	27
Boldebuck	5	0	10
Mallott	0	2	2
LeBlanc	2	1	5
Littleton	5	3	13
Smith	0	0	0
Billings	1	2	4
Total	28	10	71

HESSTON MFG.	G	F	P
Wedel	1	0	2
Hodgson	3	2	8
Becker	1	0	2
Sturd	6	0	12
Pointer	8	4	20
Gissel	3	0	6
Heidebrecht	8	3	19
Slayton	0	0	0
Total	40	9	89

Referees: Ray Ellis, Frank Wa[illegible]

Hesston Corporation scrapbook



M E 3/2/61

Valley AAU Meet Into Quarter-finals Forum Tonight

TONIGHT'S SCHEDULE
6:45 p.m.—Weller vs. (Winner Topeka Hughes-Ottawa).
8 p.m.—Augusta Beard Oilers vs. Wichita Westlinks.
9:15 p.m.—McPherson vs. Topeka Roofers.
10:30 p.m.—Boeing vs. (Winner Hesston-Arkansas City).

The hottest quarter-final session in history is forecast for Thursday night's play in the Forum as the "big guns" in the 16th annual Missouri Valley A.A.U. basketball tournament begin their "stretch drive" for the coveted title and the all-expense trip to National tournament in Denver, starting March 20.

Three former Valley champions—Westlinks, Boeing Bombers and McPherson American Legion — gained quarter-final spots and see action tonight.

Westlinks—loaded with ex-Shocker stars—won the title last year. They'll appear in the 8 o'clock feature against the Augusta Beard Oilers, a team sparked by former K.U. and Phillips 66er Bill Houghland along with Jayhawker great—Bill Lienhardt.

Two of the Valley's most bitter rivals—McPherson American Legion and Topeka Stevenson Roofers—square off in the 9:15 scrap. Both have opposed each other five times during the past six years of tourney play, with McPherson holding a slim 3-2 edge.

The tournament semifinals will be played Friday night, starting at 7:30, with the consolations and grand championships Saturday night.

Stevensons, Westlinks Net Finals Berths in AAU Meet

Tonight's Schedule
Consolation Finals
7:30 p.m.—Wichita Weller Indians vs. Hesston Manufacturing.
Grand Championships
9 p.m.—Wichita Westlinks vs. Topeka Stevenson Roofers.

It'll be the Wichita Westlinks and Topeka Stevenson Roofers in the grand championship set-to in the Forum tonight as the 16th annual Missouri Valley A.A.U. basketball tournament winds up in a blazing finish.

Westlinks, 1960 Valley champions, will be seeking the all-expense trip to the National in Denver as they tackle the power-packed Roofers.

Former Shocker stars Herb Coin, Jim Strathe, Garry Mann, Elbert Urban and Merv Carman, along with Montana State flash Andy Matson, will be carrying the hopes for a Wichita victory in the title game.

The consolation finals will be between two of the state's bitterest rivals—Hesston Manufacturing and Wichita Weller Indians, and starts at 7:30 o'clock. Don Boldebuck, 7-foot ex-Vicker and Cleo Littleton, WU star, will be in the Indians' starting line-up.

The Roofers, who have been competing in the tourney for the past ten years, will be seeking their first championship.

This will mark the third time in their 10-year history of participation the Roofers have reached the finals.

Coached by Ernie Barrett, former K-State all-American, the Roofers will be even favorites against the defending champions.

The Roofers won a cliff-hanger from the Weller Indians in the opening semifinal contest Friday night, defeating the Wichitans.

A field goal by Glen Long with one second remaining gave the Topeka Stevenson Roofers a 65-64 victory over the top-seeded Wellers.

The tilt, which was a see-saw battle from start to finish, saw the lead change 15 times during the melee that had the crowd in an uproar throughout.

Long, former K-State star, led the capitol city quintet with 18 points. Al Tate, former Shocker, paced the losers with 20.

Westlinks literally burned up the nets in subduing the cinderella team of the 1961 tournament—Hesston Manufacturing—85 to 69.

For the third consecutive night it was the blazing ball handling and shooting of former Montana State ace Andy Matson which paced the victorious Westlinks with 35 points.

The Wichita Eagle 3B
Saturday Morning, March 4, 1961

WELLER	G	F	P
Johnson	7	0	1
Tate	6	8	
Boldebuck	5	6	4
Mallott	1	1	4
LeBlanc	0	0	2
Littleton	0	0	3
Smith	2	2	2
Billings	4	6	3
Totals	19	24	22

TOPEKA	G	F	P
Ballard	6	0	5
Bunten	1	0	0
Wallace	1	4	2
Shivers	2	5	2
Long	6	6	2
Chilcoat	0	0	0
Heins	4	4	5
Oilchrist	1	2	5
Darr	1	0	1
Totals	22	21	24

Score at half: Topeka 29-27.
Referees: Art Hodges, Ray Ellis, Frank Wahl.

WESTLINKS	G	F	P
Jackson	3	0	1
Carman	1	0	1
Matson	12	11	1
Urban	3	1	2
Coin	3	1	2
Hayden	4	4	4
Strathe	2	7	3
Normore	0	0	1
Mann	0	2	0
Totals	28	29	16

HESSTON	G	F	P
Panter	3	3	2
Wedel	1	0	2
Potter	1	0	4
Hodgson	1	3	1
Eck	1	0	2
Becker	0	0	0
Sturd	4	0	3
Penner	3	2	3
Giesel	4	1	1
Reidebrecht	5	0	5
Slaymaker	5	0	5
Totals	27	15	24

Score at Half: Westlinks 43-34.
Referees: Art Hodges, Eddie Kriegel, Ray Ellis.

Semifinals Tonight M. E, 3/3/61

Weller and Westlink In Quarter-final Wins

TONIGHT'S SEMIFINALS
7:30 p.m.—Wichita Weller vs. Topeka Stevenson.
9 p.m.—Wichita Westlinks vs. Hesston Manufacturing.

One of the hottest semifinal nights in the 16-year history of the Missouri Valley AAU basketball tournament shaped up for tonight at the Forum.

A pair of Wichita quintets—Weller and Westlink—were joined for the round of four by the Topeka Stevenson Roofers and Hesston Manufacturing quintets.

Weller faces Topeka in the 7:30 opener tonight, while defending champion Westlink battles Hesston at 9 o'clock.

Roofers Top McPherson

The Roofers, who have competed in the AAU tournament for the past nine years and have never won the championship, gained the semifinal round with a 50-44 victory over four-time champion McPherson American Legion.

Weller advanced with a relatively easy 76-39 victory over Topeka Hughes Conoco.

In the other Thursday games, Westlink defeated the Augusta Beard Oilers 52 to 36 and Hesston stunned the Wichita Boeing Bombers 62-61.

Topeka and the Wellers have been battling it out all season for the Kansas Industrial League honors and tonight the chips will be down when these bitter sports rivals collide.

Wellers Bolstered

Wellers have been bolstered for tournament play by the addition of two of Kansas University's regulars of a year ago—Monte Johnson and Bob Billings, along with another KU student—Al Donaghue—and University of Missouri ace Lionel Smith. Two ex-Vickers members—7-foot Don Boldebuck and Cleo Littleton—will also be in the Wichita lineup tonight.

Westlinks will have six former University of Wichita athletes—Merv Carmen, Gary Mann, Elbert Urban, Herb Coin, Phil Hayden and Jim Strathe—in uniform tonight along with Andy Matson, high-scoring forward from Montana State.

The windup of the Hesston-Boeing contest was described as the most thrilling quarter-final finish in the 16-year history of the event by meet officials.

Score Tied Eight Times

The score was knotted eight times during the game, and in the closing two minutes of play Boeing came from eight points back to within two points to go with five seconds left in the game.

At that point, Goose Doughty was fouled and made one of two charity attempts to pull to within one. The gun sounded just before Charlie Gill let the ball fly from midcourt and it swished through.

Del Heidebrecht, ex-OU star, and Merle Sturd, former Newton High and Fort Hays ace, paced Hesston with 13 each.

See-Saw Battle

The lead changed nearly a dozen times in the Stevenson-McPherson contest, but the Roofers managed to spurt shortly before the finish for the quarter-final triumph.

Glen Long hit 11, Eddie Wallace, John Darr and Mickey Heinz 10 each in the Roofer win.

Sharp-shooting by former WU star Al Tate and ex-Vickers and Houston U. all-American Boldebuck gave Weller an early edge in their quarter finals victory.

Tate took high honors with 18, while Boldie got 12.

For the second consecutive night it was the sharp-shooting of Matson which kept Westlinks in the running to defend their tourney title. Matson bagged six fielders for 12 points to top the Wichita victory over Augusta.

STEVENSON	G	F	P
Bunten	0	4	1
Wallace	4	2	1
Shivers	0	3	0
Long	3	5	1
Heinz	3	6	4
Gillchirst	1	0	3
Darr	5	0	4
TOTALS	15	20	14

McPHERSON	G	F	P
Kasey	0	1	1
Hines	1	0	1
Aderman	3	0	0
Ostlind	5	5	5
Dick	1	0	2
Johnson	2	2	3
Prochaska	1	1	4
Cordell	1	0	1
Grant	0	0	2
Werner	2	1	2
TOTALS	16	11	21

Score at half: McPherson 22-20
Referees: Frank Wahl, Art Hodges, Eddie Kriewel.

HESSTON	G	F	P
Potter	5	3	2
Hodgson	3	4	4
Eck	0	1	1
Sturd	5	3	0
Penner	1	0	2
Diesel	2	0	0
Heidebrec't	5	3	4
Slaymaker	3	4	1
TOTALS	22	18	14

BOEING	G	F	P
Gill	0	1	4
Landon	2	0	3
Pipal	0	0	0
Norwood	7	7	7
Jung	2	0	1
Taylor	7	4	3
McAfee	2	1	0
Doughty	5	2	1
TOTALS	25	11	19

Score at half: Hesston 35-31
Referees: Ray Ellis, Eddie Kriewel, Frank Wahl.

WESTLINKS	G	F	P
Jackson	4	2	1
Carman	2	0	1
Mann	0	1	1
Matson	6	0	1
Urban	2	6	1
Coin	3	2	1
Hayden	0	2	2
Strathe	1	2	4
Normore	0	1	1
Totals	18	16	14

AUGUSTA	G	F	P
Hein	0	0	2
Hougland	1	1	4
Stevens	2	2	3
Weinger	1	0	2
Ruggles	2	1	1
Leinhardt	1	0	4
Farney	0	1	2
Kirkendall	4	1	1
Totals	15	6	19

Score at Half: Westlinks 25-19.
Referees: Frank Wahl, Ray Ellis, Art Hodges.

WELLER	F	G	P
Johnson	3	1	1
Tate	7	4	0
Boldebuck	6	0	2
Mallott	2	2	0
LeBlanc	3	2	2
Littleton	4	2	0
Smith	3	1	3
Shibley	1	0	1
Billingsl	2	0	0
Totals	32	12	10

TOPEKA	G	F	P
Dillard	4	0	1
Dumas	5	2	0
A. Brice	0	0	1
Coleman	0	0	2
Johnson	2	0	1
C. Brice	0	0	1
Rorkin	0	2	1
Worley	4	1	1
Hughes	0	0	0
Totals	17	5	10

Score at Half: Weller 37-13
Referees: Ray Ellis, Eddie Kriewel, Art Hodges.