

Land Issues

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million acres, or about 18 percent of rural non-Federal land.

Of this total, 100 million acres are used for crops, 61 million acres are considered unsuitable for cultivation, and 104 million acres are classified as potentially suitable for cultivation.

These 104 million acres are mainly in two broad regions in the more humid eastern half of the country. About half are in the coastal plains of the southern U.S. and 35 percent are mainly in the glaciated areas of the northern U.S.

Action areas. At present, the principal development of wetlands for agricultural purposes is found in the lower Mississippi Valley, South Florida, and scattered small-scale development in other regions and localities.

In the Mississippi Valley and South Florida, wetlands development differs in several respects.

The lower Mississippi Valley comprises an alluvial area averaging around 600 miles long and 65 miles wide and extending from southeast Missouri to southern Louisiana. Innumerable low ridges or natural levees retard and then abandoned as the river channel migrated.

The area has a modern agricultural economy, based primarily on cotton and soybeans. Crops are produced on reclaimed wetland, a long-time activity that has accelerated in recent years. A recent study shows 4.1 million acres of forested wetlands were cleared and drained during 1950-96, mostly for soybeans.

Effect limited. Despite extensive clearing and drainage, environmental change in the Mississippi Valley appears to be limited to a reduction in total wetlands and associated biological resources. Even if development continues, substantial acreage will remain unreclaimable. Because of the local rather than interlocking nature of the drainage, agricultural development has little direct effect on much of the remaining undeveloped area.

In southern Florida, the situation is entirely different. The concentration of wetland development centers around Lake Okeechobee and involves some 10 million acres, including the basins of the Kissimmee River and smaller streams.

However, only about 6 million acres are subject to direct developmental pressures from either agricultural or nonagricultural uses.

Agricultural land developers in the Lake Okeechobee area are attracted by climate. The humid, near tropical conditions permit production of high value crops—particularly tomatoes, sweet corn, snap beans, and other vegetables for the winter market. Yields are not notably high.

Crop production depends on an extensive system of flood control and drainage installations constructed by the Army Corps of Engineers and operated by the State. The project is multipurpose, providing water control and supply for both agricultural and nonagricultural uses.

Projections are that from 1965 to 1985, the undeveloped wetland area of South Florida would be reduced by 30 percent, and a similar trend could continue beyond 1985.

Of the 6.3 million acres suited for agricultural development, it's projected about 400,000 will be used for cropland by 1985, 400,000 may be absorbed by urbanization.

Serious impact. The impact of wetlands development in South Florida is particularly serious

because the water supply of the entire overflow area, not merely the developed part, has been affected to some extent. The truly unique flora and fauna of the Everglades is dependent on periodic overflows, from Lake Okeechobee. Both the quantity and time of overflow are important to maintaining the natural state, and this delicate balance has been modified by agricultural and nonagricultural development.

Complicating the problem of water supply is the problem of water quality. Chemical and other pollutants enter the water supply from both agricultural operations and extensive urbanization.

Energy Demands. Rural areas will be affected by a number of adjustments in energy production that are occurring or are in the offing. These include—

- overall expansion of the production of energy to meet the demand created by population increase and greater per capita consumption.

- changes in technology to minimize environmental impacts.

- shifts being made in types of

fuel used: for example, the shift from oil to natural gas and low sulfur oil and coal in order to minimize air pollution.

- a substantial increase in the future use of coal, particularly that obtained by surface mining, because of constraints on the supply of oil and gas and problems with nuclear power.

- location of facilities for generating electricity from fossil and nuclear fuel away from congested areas.

This situation appears to have three major implications for rural areas.

More surface mining. First, surface mining of coal will increase. About 1.5 million acres of land have been disturbed by surface coal mining, and rates of exploitation are being stepped up. (If all the available reserve of 128 billion tons of strippable coal were to be recovered, as much as 45 million acres of land could be disturbed.)

Output per worker is about double that of underground mining, operating costs are 25-30 percent lower, and equipment is getting larger.

Heads west. Some 77 percent of the country's economically strippable reserves lie in 13 States west of the Mississippi. As

utilities consume more low-sulfur coal, surface mining in the West could assume major proportions.

The next largest concentration of strippable coal is in an area encompassing the southern two-thirds of Illinois plus adjacent corners of Indiana and Kentucky. In 1964, this region took the lead in strip coal production and has since been increasing that lead.

Northern Appalachia, which ranks third in strippable coal resources, was the largest producer till 1964, falling behind because much of the easily

stripped coal has been mined and because the new equipment is better adapted to more even terrain.

In its virgin state, the U.S. had about 115 billion tons of coal lying within 100 feet of the surface. Less than 5 billion tons have been mined, with 110 billion left in 15 States that each have over 1 billion tons. Montana alone has 23 billion tons.

The second implication of the energy situation for rural areas in the trend of locating electricity

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PUBLIC SALE

VALUABLE REAL ESTATE, ANTIQUES, HOUSEHOLD GOODS & BUTCHERING TOOLS

SATURDAY, APRIL 14, 1973

at 10:30 A.M. Sharp

Real Estate to be offered at 2:00 P.M.

Located along South Church Ave. at the edge of Shrewsbury Boro, in Shrewsbury Twp., York Co., Pa. Take Exit 1 off Interstate Rt. 83 and go west on Rt. 851 to South Highland Dr. and proceed to South Church Ave. or from Rt. 111 take East Church Ave. and follow signs to sale.

2:00 P.M. Real Estate 2:00 P.M.

Very valuable development property to be offered in 7 separate parcels and then in its entirety. Consisting of a total of 136 acres more or less. Only 5 min. from Exit 1 of Rt. 83 Expressway & must be seen to be appreciated.

Parcel A - Containing 2.700 acres improved with a 2 story frame dwelling, small barn, other outbuildings & pasture lot, located along the east side of S. Church Ave.

Parcel B - containing 5.897 acres of clear level land located along the west side of South Church Ave.

Parcel C - containing 6.556 acres improved with a large 2 story frame dwelling, large bank barn, garage, and other outbuildings, and located south of old Twp. Rd. #532 and east of South Church Ave.

Parcel D - containing 8.895 acres improved with a 2 story frame dwelling, bank barn, garage, pasture land with a large pond, located south of Parcel C along the east side of South Church Ave.

Parcel E - containing 8.792 acres of clear land, south of Parcel D and divided from the same by the Stewartstown Railroad, also located east of South Church Ave. and north of Twp. Rd. #441.

Parcel F - containing 56 acres more or less and located north of old Twp. Rd. #532. This tract of land also joins the Shrewsbury Water Co. and is mostly clear land.

Parcel G - containing 47.8 acres more or less and located south of old Twp. Rd. #532 and east of Parcel C & D. This tract also has approx. 855 ft. of frontage along Interstate Rt. 83.

For inspection or terms and conditions of real estate please call Atty. J. Ross McGinnis, 843-8871 or 382-4407 or Auct. R. L. Sechrist, 382-4379.

Antiques, Household Goods, and Butchering Tools

Columbia small size cook stove; player piano with rolls; side board; chest of drawers; large oak cupboard; other old cupboards; drop leaf table; clothes trees; rope bed; oak table & chairs; cane seated chairs & rockers; oak rockers; oak dressers & beds; kitchen cabinet; 2 ladder back rocking chairs; oak kitchen chairs; studio couch; old wooden chest; trunks; desk; electric stove; 2 refrigerators; dining room suite; rugs of all sizes; buffets; 4 bedroom suites; occ. chairs; gliders & porch chairs; large chest type freezer; 2 kerosene heaters; oil tank; coal range; stands; elec. egg grader; complete line of butcher tools, kettles, crocks, jars, barrels, lard cans, ant. scales; 2 sink pitcher pumps; meat grinder; sausage stuffer; one horse sleigh; dishes, pots, pans, and many other items too numerous to mention.

Terms: cash or approved check

Mrs. John P. Lerew, Owner

Robert L. Sechrist, auctioneer Ph. 382-4379
John Hope Anderson, clerk

Not responsible for accidents

Refreshment rights reserved

FARM MACHINERY AUCTION

THE ESTATE OF JOHN ROMANI

FRI., MAR. 30, 1973 at 10:30 A.M.

Place - on the farm located 2 miles South of Belvidere, N.J. on Rt. 519.

Tractors - 1966 Massey Ferguson No. 1100 Diesel WF 3PTH loaded A-1, 1961 John Deere 3010 Diesel, 1953 Massey Harris No 33, 1950 Chevy dump truck No 6500 1 1/2 ton grain body, J.D. 4 row corn planter w-gandy attc. A-1, J.D. 24T baler w-kicker, 3-kicker hay wagons, 3-little giant gravity flo grain wagons, Oliver 4 btm 18" semi mtd plow w-auto reset and mid west harrow, J.D 10 ft. disc on rubber, hay rake, N.I. 2 row mtd corn picker, Brady stalk chopper, Meyer mower conditioner, 32' elevator, Fiber glass row boat, tires, tools, lots of used lumber, etc., tank, some old furniture, 1950 Buick car, scrap metal and 100's and 100's of useful items. Owner & acutioneer not responsible for accidents! Terms Cash or a good check sale day! Lunch available!

By order of Executrix
MARGARET ROMANI

Sale conducted by:
COL. FRED R. DANIEL
Auctioneers, Inc.
Neshanic Sta., N. J. 08853
(201) 369-4784

PUBLIC SALE

FARM MACHINERY & TOOLS WEDNESDAY, MARCH 28, 1973

12:00 Noon

Located about 6 miles north of Delta and approx. 2 miles off Rt. 74 along the Slab Rd. in Lower Chanceford Twp., York Co., Pa. (Near the new Norman Wood Bridge. Watch for arrows).

Farmall M tractor w-Super M power pack & hand clutch for live PTO; New Holland No. 69 Hayliner baler used less than 3,000 bales; J.D. 9 ft. disc harrow; 10 ft. cultipacker; Int. 3-16 in bottom trailer plow on rubber; J.D spring tooth harrow; New Idea 4 bar side delivery rake; Case semi-mounted 7 ft. mower, Smoker 28 ft elevator w-1 HP motor; Century 2 wheel trailer barrel type field sprayer, New Idea hyd. cyl.; rubber tire wheelbarrow, iron & junk machinery; circular saw for front of tractor; tractor chains; lg cedar stove; water tank; chicken coops; hand tools; log chains; milk cans; butcher kettle & 3 foot; stirrer; electric motors; & many items not mentioned.

Terms: cash or approved check

MR. ROY E. PARKS, SR.

Delta, Pa. RD No. 2

Owner

ROBERT L. SECHRIST, Auctioneer Ph. 382-4379

John Hope Anderson, Clerk

Not responsible for accidents