



Reservoir stores  $2\frac{1}{2}$  million gal. water that made desert blossom with New Mexico Institute of Mining and Technology course. Reservoir is water hazard on 6th and 7th holes. In the background is 7000 ft. Socorro Peak.

of 4- and 6-in. Transite pipe throughout; risers are of  $1\frac{1}{2}$ -in. galvanized pipe. Most trenches were cut through very rocky ground; therefore much pipe was laid in 6 in. of sand, for protection.

#### Remove 2500 Trucks of Rock

"After plowing, some 2500 truckloads of rocks were removed from the area. The rock was put to good purpose as fill material, for rip-rapping slopes, and in constructing dams and levees to divert runoff from the mountains and higher plains in rainy weather. Also, the rock was used to provide bases for greens. At each green site, the rocks were laid in the desired shape to a depth of 12 to 14 in., then covered with a 2-in. layer of cinders to fill in voids yet insure proper drainage. A 2-in. layer of straw and manure was added to the cinders, and 12 to 14 in. of top soil followed. The top soil was composed of drainage ditch clay from the river-bottom farming region around Socorro, mixed with sharp sand and peat moss at a ratio of 1:1:1/3, respectively.

"Generally speaking, fairways follow the arroyo bottoms, where alluvial fans provided adequate topsoil. However, it was necessary to work the rocks out by repeated disking, levelling, and floating.

Yellow-blossom clover was planted in the autumn for a green manure crop, and before redisking the fairways were enriched with animal manure hauled from farms and stockyards in the region and spread at the rate of 20 tons to the acre.

"When all soil was ready, the greens were planted in bent grass, fairways in Bermuda, aprons and tees in bluegrass and fescue. Some 1000 trees and shrubs were planted, including fruitless mulberry, Lombardy poplar, ginkgo tree, flowering peach and quince, globe willow, honeysuckle, flowering almond, lilac, sweetgum, and pyracantha."

The course was opened to public play on September 28, just 19 months after Jim Voss first walked over the area with Dr. Workman to size up the task ahead of him. It has a par of 36. Of the nine holes, five have a par of 4, two a par of 3, and two a par of 5. Picturesque hole-names reflect the nature of the course: 1. The Doctor (commemorating Dr. Workman), 2. The Devil's Gulch, 3. Ladies Delight, 4. The Mountaineer, 5. Grand View, 6. La Luguna, 7. Jim-Dandy, 8. The Arroyo, 9. Lost Trail.

The course is open to the public. Playing fees are low, and the facility is very popular with the townspeople of Socorro, as well as with students, faculty, and staff personnel at NMIMT. More than 500 players used the course in its first month of operation, many coming in from other communities. The town is as pleased as the Institute, and golf definitely has come to Socorro to stay.

#### Western Golf Assn. Elects McGiveran to Presidency

At the Western Golf Assn. annual meeting, held Dec. 5 at Chicago, Stanley J. McGiveran, Inverness Club, Toledo, O., was elected president to succeed Gordon E. Kummer.

Vice presidents elected are: Cameron Eddy, Glen View (Ill.) Club; C. L. Miller, Orchard Lake (Mich.) CC; Roy W. Walholm, Indian Hill Club, Colorado Springs, Colo.; and Robert L. Walker, South Bend (Ind.) CC. Harold O. Moore, Exmoor CC, Highland Park, Ill., was elected treas. Hiram A. Lewis, Broadmoor CC, was elected sec. and James L. O'Keefe, Evanston (Ill.) GC was named general counsel.

Individual membership of the WGA, under the member "billing" campaign on bag tags reached 15,573 in 1952.