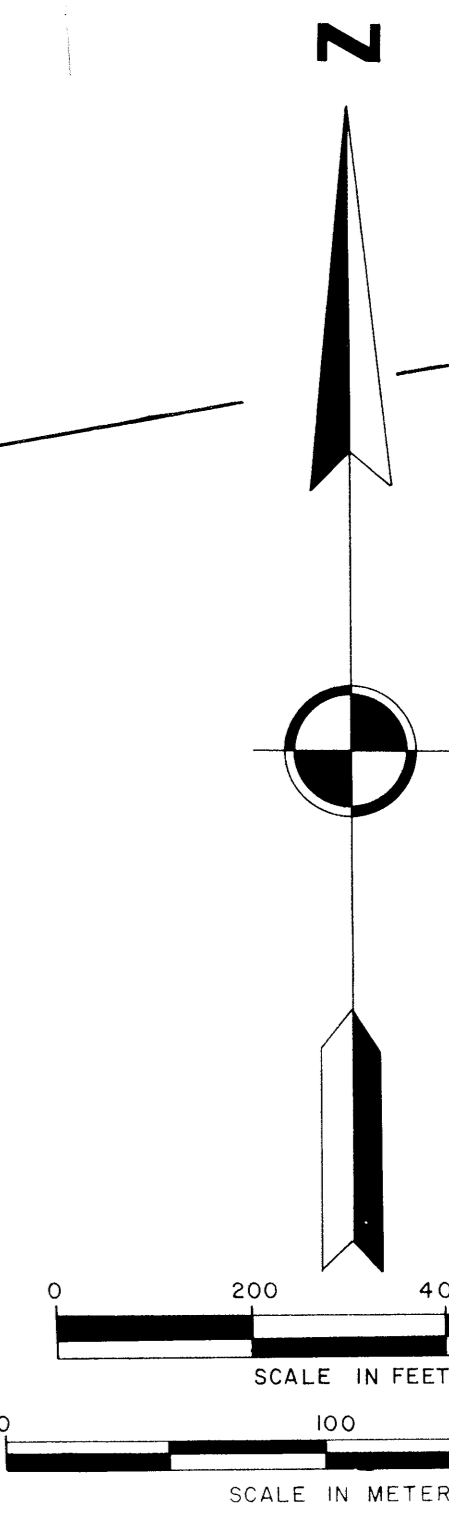


SURFACE AREA AT HIGH WATER LINE

Mc Clure Reservoir	69.77	acres
Nichols Reservoir	30.55	acres
Two Mile Reservoir	17.90	acres

NOTE: HIGH WATER LINE DRAWN FROM TOP OF SPILLWAY ELEVATION FROM 1975 AERIAL PHOTOGRAPHY

1,705,000
NEW MEXICO STATE PLANE COORDINATE
CENTRAL ZONE = 5000 FT. INTERSECTION.



LEGEND

- Denotes boundary of fields, as reflected by the 1914 hydrographic survey, map sheet No. 4.
- Surface area of reservoir situated on Santa Fe National Forest land, Map base U.S. Forest Service land status plat No. 133 T.17 N., R.10 E.
- Point of Diversion - storage water taken by means of outlet tower and works into a pipeline which leads to either two mile reservoir, the treatment plant or is discharged into the channel of the Santa Fe River.
- National Forest Boundary

- Point of Diversion - Storage water taken by means of outlet tower and works into pumping plant immediately downstream of the reservoir. Water is pumped back to the treatment plant.

FIELD CHECK PHOTO ENLARGEMENT NO. F-47-9
STEREOCOMPILATION OF PLANIMETRY FROM PHOTO NO. F-20-11, 20-12

STATE OF NEW MEXICO
OFFICE OF STATE ENGINEER
S. E. REYNOLDS, STATE ENGINEER

SANTA FE RIVER
HYDROGRAPHIC SURVEY
VOLUME II
POWER DITCH (1)
1977

ENGINEER SURVEYOR STEREOCOMPILATION TRACED BY	E. L. MARTINEZ E. C. COOPER J. L. THOMAS G. F. CRAIG	SHEET NO. 15
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Section Corner
T.17N
R.10E 21 22
28 27
T.17N

MATCH LINE SHEET NO. 16

MATCH LINE SHEET NO. 1

EAST BOUNDARY SANTA FE GRANT TALAYA HILL GRANT

EAST BOUNDARY NATIONAL FOREST BOUNDARY TALAYA HILL GRANT

Tr. No. 46
L.S. 13940

S.H.C. 040064

S.H.C. 918

CHECK DAM (not to scale)

PUBLIC SERVICE COOLING TREATMENT PLANT

HIGH WATER LINE

NICHOLS (FOUR MILE) RESERVOIR

TWO MILE RESERVOIR

SANTA FE NATIONAL FOREST

NW

NE

Aztec Springs Creek

Santa Fe River

underground pipe

Settling Tank

Abandoned

(1) Power Ditch

Pipe line to Filter Plant

Spillway

Outlet Tower
X = 610,190
Y = 1,706,650

Outlet Tower
X = 605,568
Y = 1,705,660

Tr. 2
Shown as plowed ground on (1914) Map Sheet No. 4, but not shown as irrigated land in the 1919 Hydrographic Survey Report.

Tr. 1
Shown as planted in corn on (1914) Map Sheet No. 4, but not shown as irrigated land in the 1919 Hydrographic Survey Report.

20 21

21

1/4 cor.

21 22

1,705,000

1,705,000

610,019