

Survey Notes:

6/4/01
JFW

Meeting: Jerry Greenland Watermaster Boulder Ct
Purpose: Establish reservoir storage for
Upper + lower Jug Reservoirs.

* Upper Jug:

Gauge Ht. 25' - 8.1 FT BS

Reservoir Level - 13.3 FT FS

Top of Concrete Gate stem 4.2 FT (101.36 FT)

Reservoir storage GH = $25' - (13.3 - 8.1)$

GH = 19.8 FT \approx 884 Ac-Ft

* Lower Jug:

| | Reading | |
|----------------|-----------|------------------|
| BM - Rehan | .95 | (100.00 ELEV.) |
| Res. Level | 12.92 | (88.03 ELEV.) |
| Spillway Crest | | (92.0 ELEV.) |
| | \approx | 4 FT below crest |
| | \approx | 33.4 Ac-Ft |

* Based on Dam safety surveys

B.M. = 100.00 FT. PAINTED MARK ON TOP OF RIGHT SPILLWAY ABUTMENT UNDERWALL.
G.M. 2 = 103.19 FT. PAINTED MARK ON ROCK OUTCROP (LARGE ROCK) JUST DOWNSTREAM OF DAM ON LEFT ABUTMENT.

TO SPILLWAY

CORNER

TO

103.10

103.23
102.93
102.87
102.71
102.64
102.18
102.41
102.62
102.47
102.34
102.77

Top of Dam = 102.2 FT

Fg = 6.2 FT

97.93 (GROUND NEXT TO G.M. 2)

SPILLWAY ELEV = 96.0 FT

95.00
94.42

87.43

HdD HT. = 26.1 FT

81.94

85.90

75.00

SURVEY NOTES:
RESV LEVEL - DRY
ELEV. TOP OF CONCRETE
OUTLET FOOTING AT
STATION 3+13 = 101.36 FT
OUTLET INTAKE INVERT = 73.19 FT

74.50

74.41

74.4

(HEADWALL REMOVED)
73.99 (T.O.C.)

75.90

JUGCREEK DAM (D/GS-2943)
DOWNSTREAM VIEW OF DAM
SURVEYED BY ARMO 45W - 9/8/93
DRAWN BY ARMO - 2/9/93
SCALE: HORIZ - 1" = 50 FT.
VERT - 1" = 5 FT

1+00

2+00

3+00

4+00

5+00

30

70-00

Brand



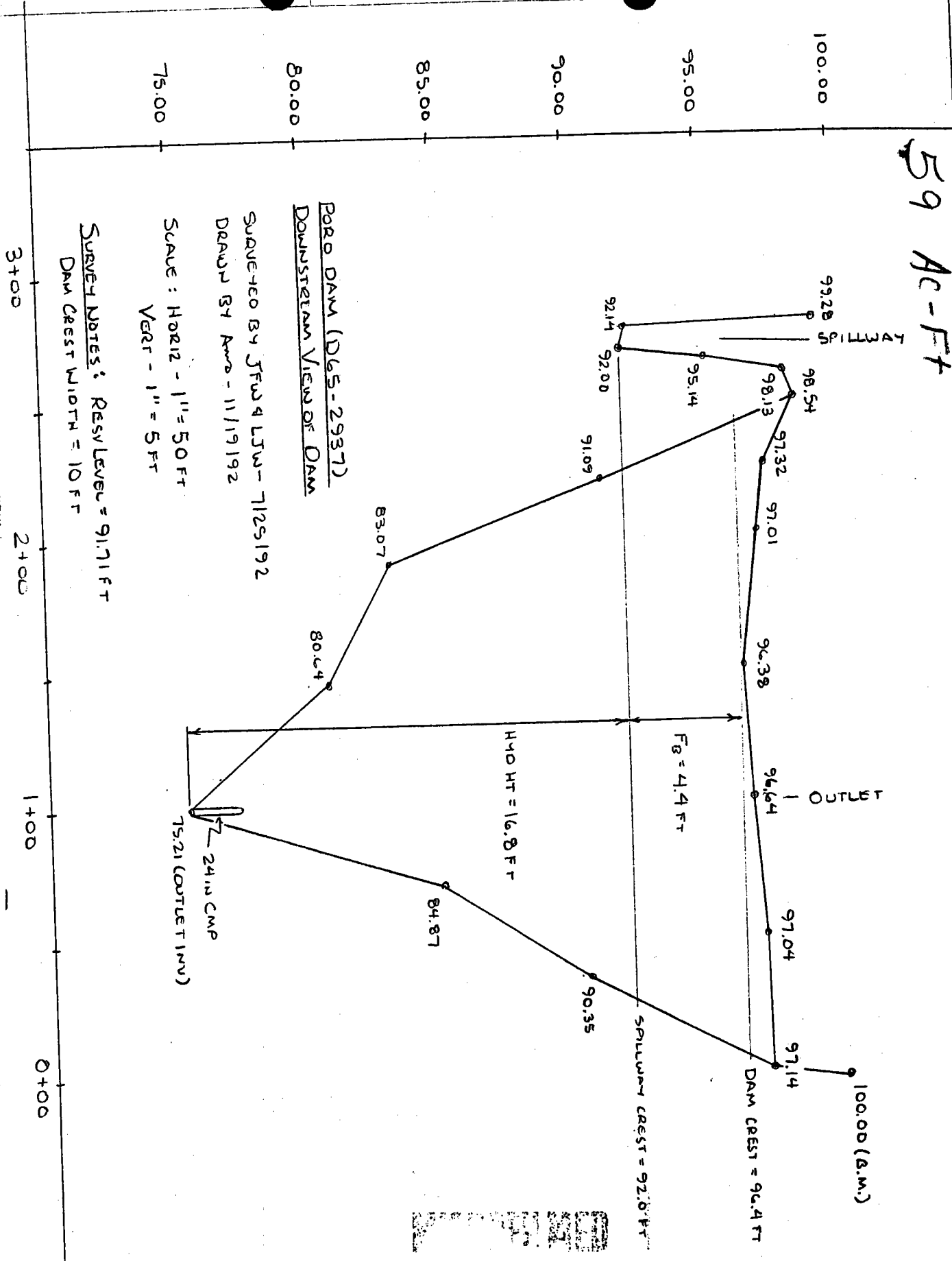
3+00 (LET INV)
69.88

24 IN CMP

REPRODUCTION
MAR 19 1993

B.M. = 100.00 FT. SET REBAR PIN ON LEFT ABOUT, E OF DAM, NEAR PINE TREE, AT STATION 0+03.

59 AC-FT



BYRON & SONS
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