

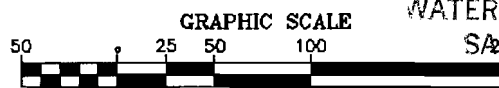
AS BUILT MAP OF QUARTER PIT (48-4671) RESERVOIR

SE 1/4 SE 1/4 SEC 26, T. 20S., R. 40 E., W.M.
U.S.G.S. QUAD - SOUTH MOUNTAIN, OREG. - 7 1/2'

RECEIVED

OCT 04 1993

WATER RESOURCES
SACRAMENTO, OREGON



CONTOUR INTERVAL = 1 FOOT



DAM:
MAX. HEIGHT 10.63'
TOP WIDTH 21'
SLOPE UPSTREAM 6:1
SLOPE DOWNSTREAM 6:1
HT. ABOVE WATER LINE 4.87'
AREA SUBMERGED 1.97 ACRE
MAX. WATER DEPTH 10.90'

SPILLWAY:
BOTTOM WIDTH 6'
TOP WIDTH 12'
SPILLWAY CREST TO
DAM CREST 5.6'
STORAGE CAPACITY 8.60 AC.FT.

JDR NO: 48-4671
WATER RIGHTS
APP. NO.:
PERMIT NO.
CERTIFICATE NO.

FAILURE OF THIS STRUCTURE WOULD NOT POSE A THREAT
TO LIFE OR PROPERTY.
INSTALLATION OF AN OUTLET CONDUIT WOULD THREATEN
THE INTEGRITY OF THE EXISTING STRUCTURE. SHOULD AN
OUTLET CONDUIT BE REQUIRED LATER FOR WATER DISTRI-
BUTION NEEDS, IT WILL BE INSTALLED USING APPROPRIATE
SAFEGUARDS AND CONSTRUCTION TECHNIQUES, OR THE
STRUCTURE MAY BE BREACHED OR RECONSTRUCTED.

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
DIVISION OF OPERATIONS VALE DISTRICT

QUARTER PIT (48-4671) RESERVOIR AS BUILT

DESIGNED FIELD SURVEY 8/01/93 CRASTY & SHARP

REVIEWED *Kevin R. Pritchard*

APPROVED *George D. Howe*
CHIEF, BRANCH OF ENGINEERING

DRAWN: C.G. SCALE: 1"=100

DATE: 09/10/93 SHEET 1 OF 1

DRAWING NO. OR-03-9172.45-234

NWS
CONTROL
ELEV. 3495.13

BOTTOM OF
RESERVOIR
ELEV. 3484.23

CONTROL HUB
ELEV. 3500
ASSUMED FROM
U.S.G.S. QUAD
SOUTH MOUNTAIN, OREG. 7 1/2'

SPILLWAY

PROJECT MON.
ELEV. 3507.71
1.1' ABOVE GROUND

LEGEND

- 3488 — CONTOUR & ELEV
- HIGH WATER LINE
ELEV. 3495.13
- - - - - CHANNEL
- ▲ MONUMENT

ALWAYS
THINK
SAFETY

ACAD 11/DCA
QUARTPIT.DWG

No. R-73723

CERTIFICATE NO.

00026