

APPLICATION MAP FOR PERMIT TO CONSTRUCT A RESERVOIR

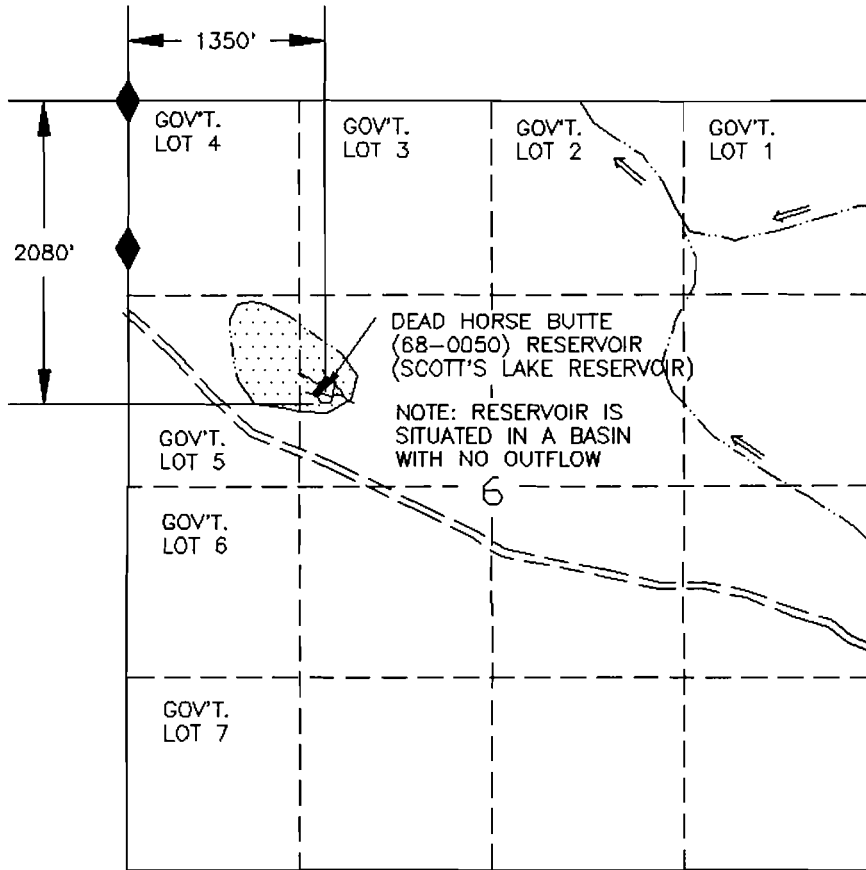
SE 1/4 NW 1/4 SEC 6 T 33S R 44E W.M.

U.S.G.S. QUAD - SKULL CREEK, OREG. - 7 1/2'

RECEIVED

AUG 18 1993

WATER RESOURCES DEPT.
SALEM, OREGON



LEGEND



RESERVOIR



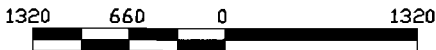
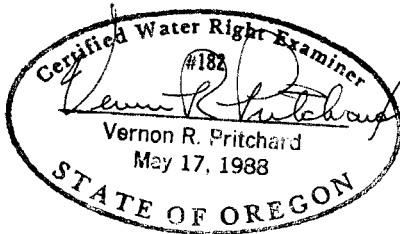
ROAD



FD SEC COR

DEAD HORSE BUTTE (68-0050) RESERVOIR

THIS RESERVOIR IS KNOWN
LOCALLY AS SCOTT'S LAKE
RESERVOIR



SCALE 1"=1320'

THIS MAP IS FOR THE PURPOSE OF LOCATING
A WATER RIGHT AND IS NOT INTENDED TO
PROVIDE LEGAL DIMENSIONS FOR LOCATION
OF PROPERTY BOUNDARIES.



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

DEAD HORSE BUTTE (68-0050) RESERVOIR

DESIGNED

REVIEWED

APPROVED

Vernon R. Pritchard
George D. House

CHIEF, BRANCH OF ENGINEERING

DRAWN: CG

SCALE: 1"=1320'

DATE: 05/12/93

SHEET 1 OF 1

DRAWING NO. DR-03-9172.45-264

ACAD RELEASE 11/DCA
DWG FILE: DEADHRS.DWG

Application No. R-73590
Permit No.

CERTIFICATE NO. 68947

RECEIVED

AUG 18 1993

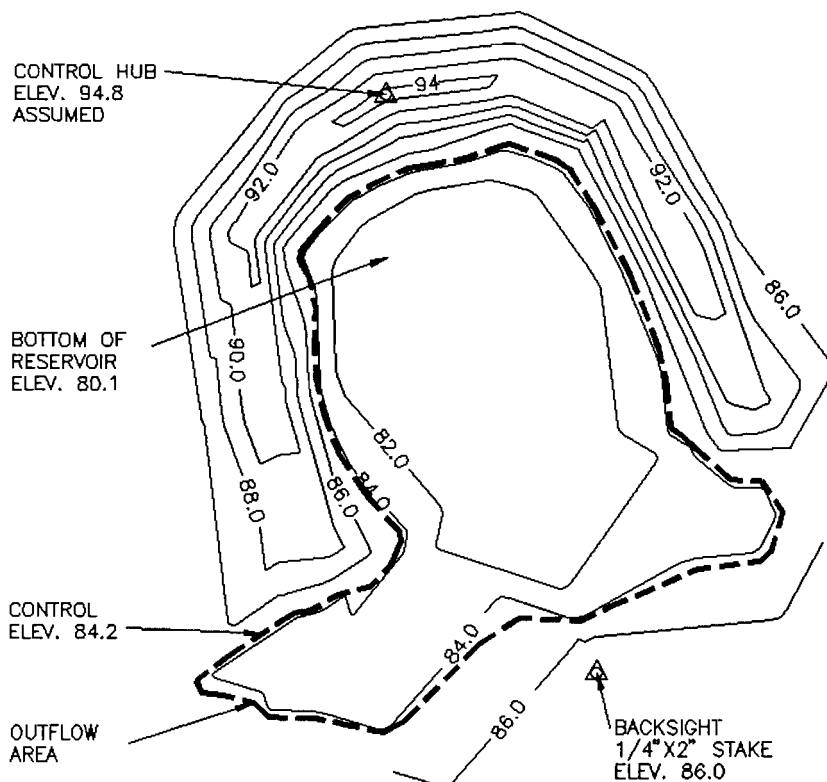
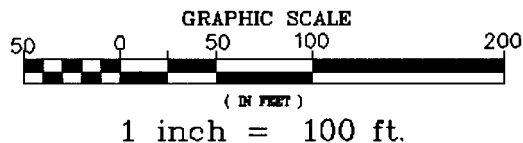
WATER RESOURCES
DIVISION, OREGON

AS BUILT MAP OF DEAD HORSE BUTTE (68-0050) RESERVOIR (SCOTT'S LAKE RESERVOIR)

SE 1/4 NW 1/4 SEC 6, T. 33S., R. 44 E., W.M.
U.S.G.S. QUAD - SKULL CREEK, OREG., - 7 1/2'

LEGEND

- 88— CONTOUR & ELEV
- - - - - HIGH WATER LINE
ELEV. 94.79
- - - - - CHANNEL
▲ MONUMENT



MAX. HEIGHT	14.1'
TOP WIDTH	12'
SLOPE UPSTREAM	3:1
SLOPE DOWNSTREAM	2:1
HT. ABOVE WATER LINE	10.6'
AREA SUBMERGED	1.07 ACRES
MAX. WATER DEPTH	4.1'

SPILLWAY:	
BOTTOM WIDTH	6.0'
TOP WIDTH	22.0'
SPILLWAY CREST TO DAM CREST	3.0'
STORAGE CAPACITY	2.25 AC. FT.

NOTE: CONTROL HUB
HAS AN ASSUMED
ELEVATION OF 94.8



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
DISTRIBUTION NEEDS, IT WILL BE IN-
STALLED USING APPROPRIATE SAFEGUARDS
AND CONSTRUCTION TECHNIQUES, OR THE
STRUCTURE MAY BE BREACHED OR RE-
CONSTRUCTED.

JDR NO: 68-0050
WATER RIGHTS
APP. NO.:
PERMIT NO.
CERTIFICATE NO.

ACAD 11/DCA
DWG. FILE DEADHRS2.DWG

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

DEAD HORSE BUTTE (68-0050)
RESERVOIR AS BUILT

DESIGNED FIELD SURVEY: 9/25/87 MARTIN & MURPHY

REVIEWED *George D. House*

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

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

DATE: 05/12/93 SHEET 1 OF 1

DRAWING NO. OR-03-9172.45-263

Amplification No. R-73590

Certificate No. 00947

"See letter dated

7-28-93

Dam Safety *AK*