

APPLICATION MAP FOR PERMIT TO CONSTRUCT A RESERVOIR

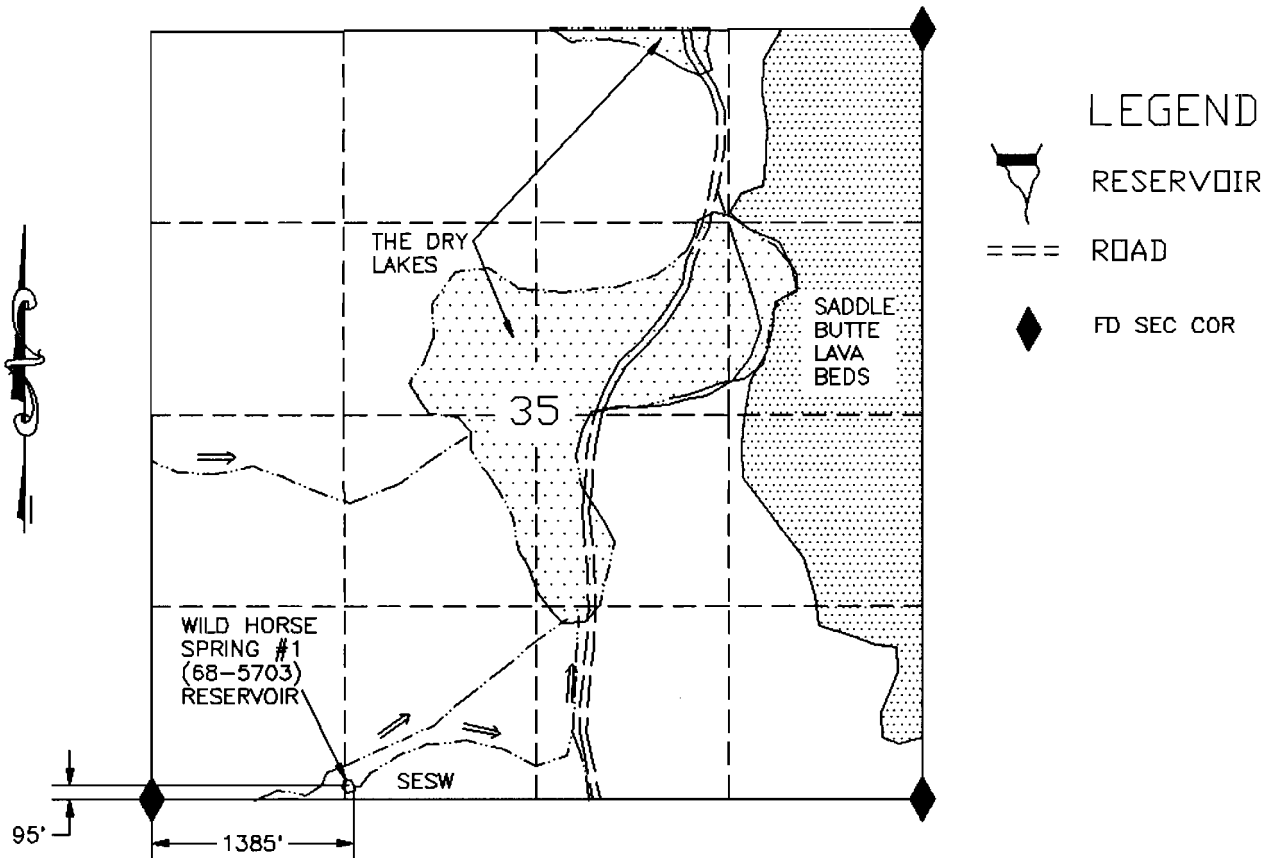
SE1/4SW1/4 SEC 35 T 30 1/2S R 37E W.M.

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

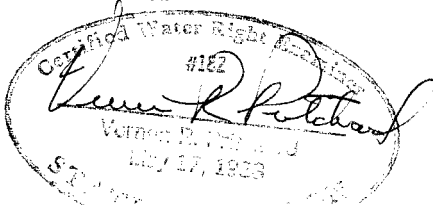
RECEIVED

SEP 29 1993

WATER RESOURCES DIVISION
SALEM, OREGON



WILD HORSE SPRING #1 (68-5703) RESERVOIR



1320 660 0 1320

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

WILD HORSE SPRING #1 (68-5703) RESERVOIR

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

DRAWN: CG	SCALE: 1"=1320'
DATE: 07/26/93	SHEET 1 OF 1
DRAWING NO. OR-03-9172.45-319	

ACAD RELEASE 11/DCA
DWG FILE: WHORSE.DWG

Section 35 R-73668

Permit No. 74873
#3333

CERTIFICATE NO. _____

AS BUILT MAP OF WILD HORSE SPRING #1(68-5703) RESERVOIR

RECEIVED

SEP 29 1993

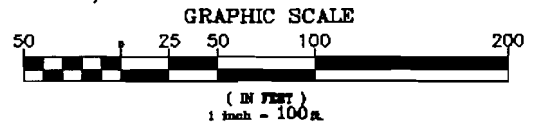
WATER RESOURCES DIV.

SALEM, OREGON

LEGEND

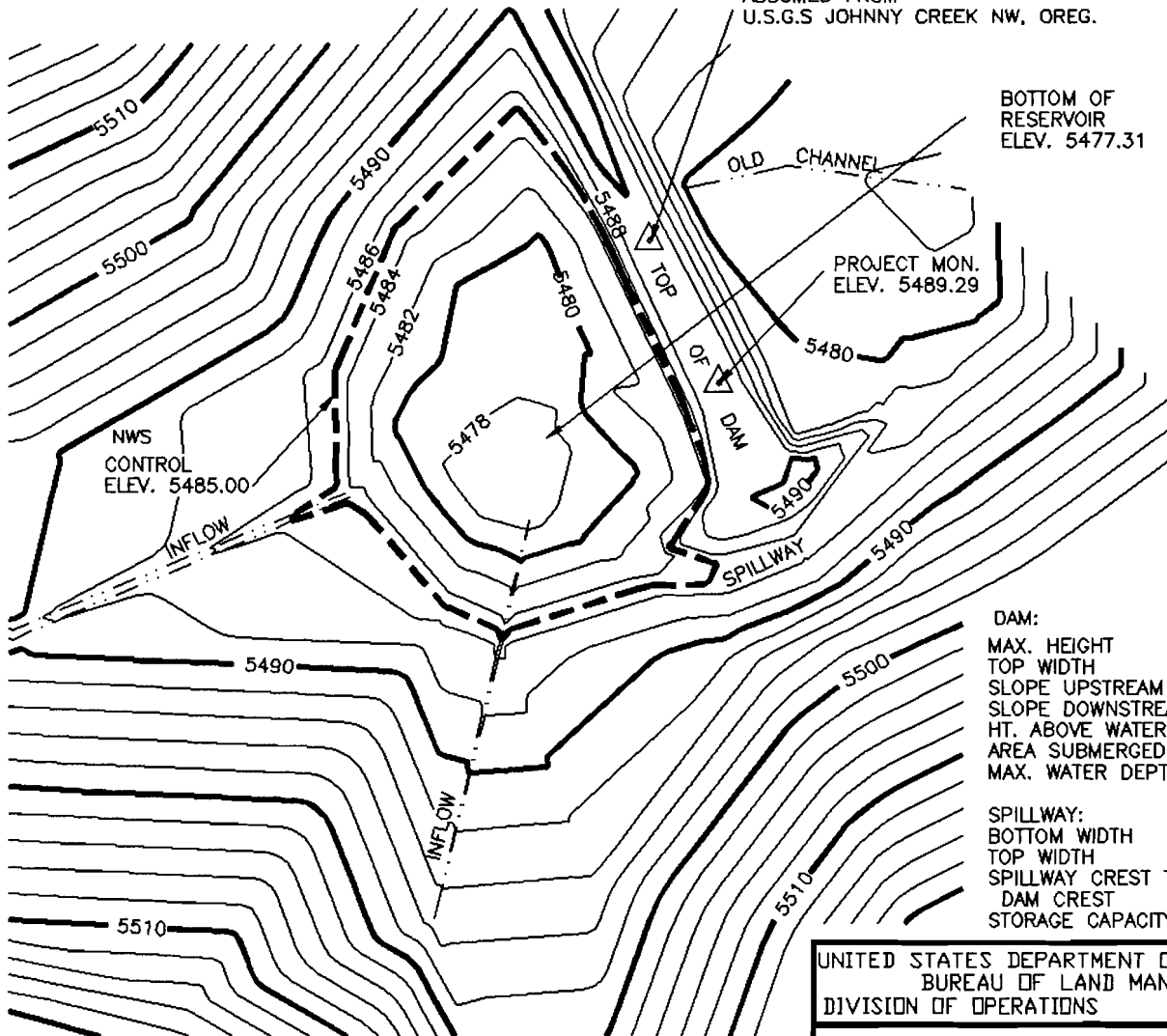
- 5478 — CONTOUR & ELEV
- NWS
ELEV. 5485
- - - CHANNEL
- ▲ MONUMENT

SE 1/4 SW 1/4 SEC 35, T. 30 1/2S., R. 37 E., W.M.
U.S.G.S. QUAD-JOHNNY CREEK NW, OREG.- 7 1/2'



CONTROL HUB
ELEV. 5490.00
ASSUMED FROM
U.S.G.S JOHNNY CREEK NW, OREG.

CONTOUR INTERVAL = 2 FEET



BOTTOM OF
RESERVOIR
ELEV. 5477.31

PROJECT MON.
ELEV. 5489.29

DAM:	
MAX. HEIGHT	10.85'
TOP WIDTH	16'
SLOPE UPSTREAM	3:1
SLOPE DOWNSTREAM	2:1
HT. ABOVE WATER LINE	5'
AREA SUBMERGED	0.86 ACRE
MAX. WATER DEPTH	7.7'
SPILLWAY:	
BOTTOM WIDTH	12'
TOP WIDTH	48'
SPILLWAY CREST TO DAM CREST	4.7'
STORAGE CAPACITY	3.29 AC.FT.

JDR NO: 68-5703
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.



ACAD 11/DCA
WHOSPR1.DWG

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

WILD HORSE SPRING #1 (68-5703)
RESERVOIR AS BUILT

DESIGNED FIELD SURVEY 07/21/93 DONAHUE & WHITLEY

REVIEWED *[Signature]*

APPROVED *[Signature]*
CHIEF, BRANCH OF ENGINEERING

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

DATE: 07/26/93 SHEET 1 OF 1

DRAWING NO. OR-03-9172.45-320

Application No. R-73668

Permit No. 74873

CERTIFICATE NO. ~~60003~~