

APPLICATION MAP FOR PERMIT TO CONSTRUCT A RESERVOIR

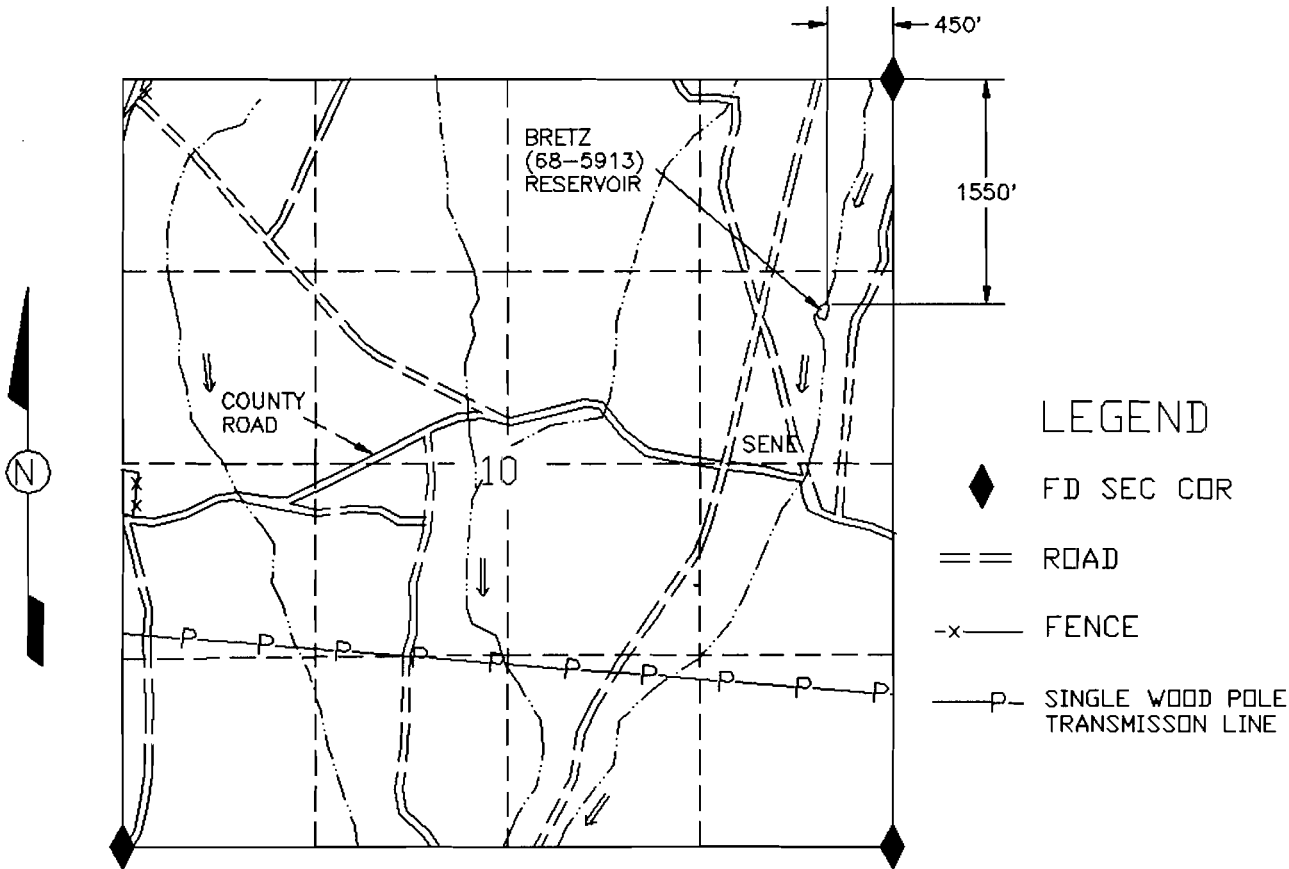
RECEIVED

SEP 24 1993

SE1/4NE1/4 SEC 10 T 41S R 41E W.M.

WATER RESOURCES DEPT.
SALEM, OREGON

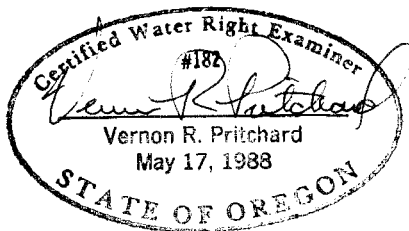
U.S.G.S. QUAD - BRETZ MINE, OREG. - 7 1/2'



LEGEND

- ◆ FD SEC COR
- == ROAD
- x- FENCE
- P- SINGLE WOOD POLE TRANSMISSION LINE

BRETZ (68-5913) 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.



ACAD RELEASE 11/DCA
DWG FILE: BRETZAPP.DWG

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

BRETZ (68-5913) RESERVOIR

DESIGNED	<i>Vernon R. Pritchard</i>	
REVIEWED	<i>Vernon R. Pritchard</i>	
APPROVED	<i>George D. Nason</i> CHIEF, BRANCH OF ENGINEERING	
DRAWN:	CT	SCALE: 1"=1320'
DATE:	08/20/93	SHEET 1 OF 1
DRAWING NO. OR-03-9172.45-355		

R-73642

Permit No.

"CERTIFICATE NO. 00368"

AS BUILT MAP OF BRETZ (68-5913) RESERVOIR

SE 1/4 NE 1/4 SEC 10, T. 41S., R. 41 E., W.M.
U.S.G.S. QUAD -BRETZ MINE, OREG.- 7 1/2'

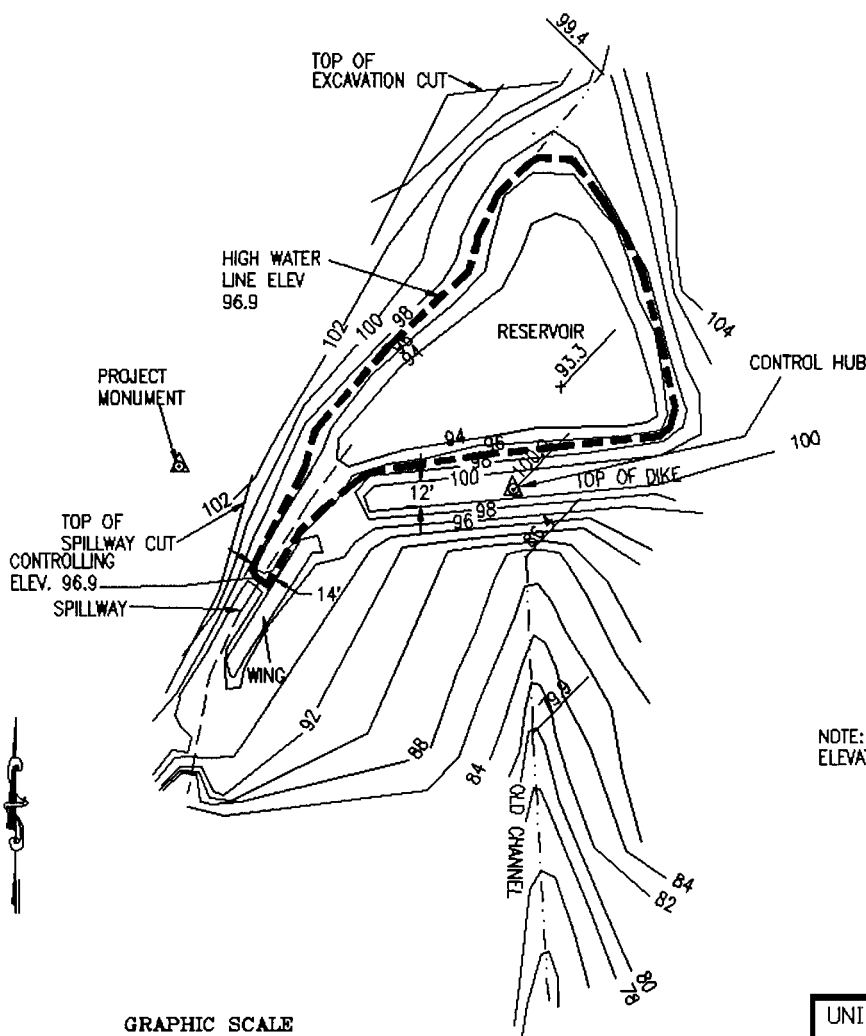
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WATER RESOURCES DEPT.
SALEM, OREGON

LEGEND

- 88 — CONTOUR & ELEV
- HIGH WATER LINE
ELEV. 96.9
- CHANNEL
- + 86.46 SPOT ELEV
- ▲ MONUMENT



DAM:
MAX. HEIGHT 10.7'
TOP WIDTH 12.0'
SLOPE UPSTREAM 3 1/2:1
SLOPE DOWNSTREAM 2 1/2:1
HT. ABOVE WATER LINE 3.4'
AREA SUBMERGED 0.43 ACRES
MAX. WATER DEPTH 3.5'

SPILLWAY:
BOTTOM WIDTH 14.0'
TOP WIDTH 50.0'
SPILLWAY CREST TO DAM CREST 3.4'
STORAGE CAPACITY 1.1 ACRE FEET

NOTE: CONTROL HUB ASSUMED AN
ELEVATION OF 100.0

JDR NO: 68-5913
WATER RIGHTS
APP. NO.:
PERMIT NO.
CERTIFICATE NO.

GRAPHIC SCALE



CONTOUR INTERVAL = 2 FEET

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 INSTALLED USING APPROPRIATE SAFEGUARDS AND CONSTRUCTION TECHNIQUES, OR THE STRUCTURE MAY BE BREACHED OR RECONSTRUCTED.



ACAD 11/DCA
BRETZ.DWG

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

BRETZ (68-5913) RESERVOIR
LOCATED ON A TRIBUTARY OF MCDERMITT CREEK
AS BUILT

DESIGNED FIELD SURVEY 06/25/92 MARTIN & DONAHUE

REVIEWED *[Signature]*

APPROVED *[Signature]*
CHIEF, BRANCH OF ENGINEERING

DRAWN: CG SCALE: 1"=100'

DATE: 08/20/93 SHEET 1 OF 1

DRAWING NO. OR-03-9172.45-116

CERTIFICATE NO. 68068