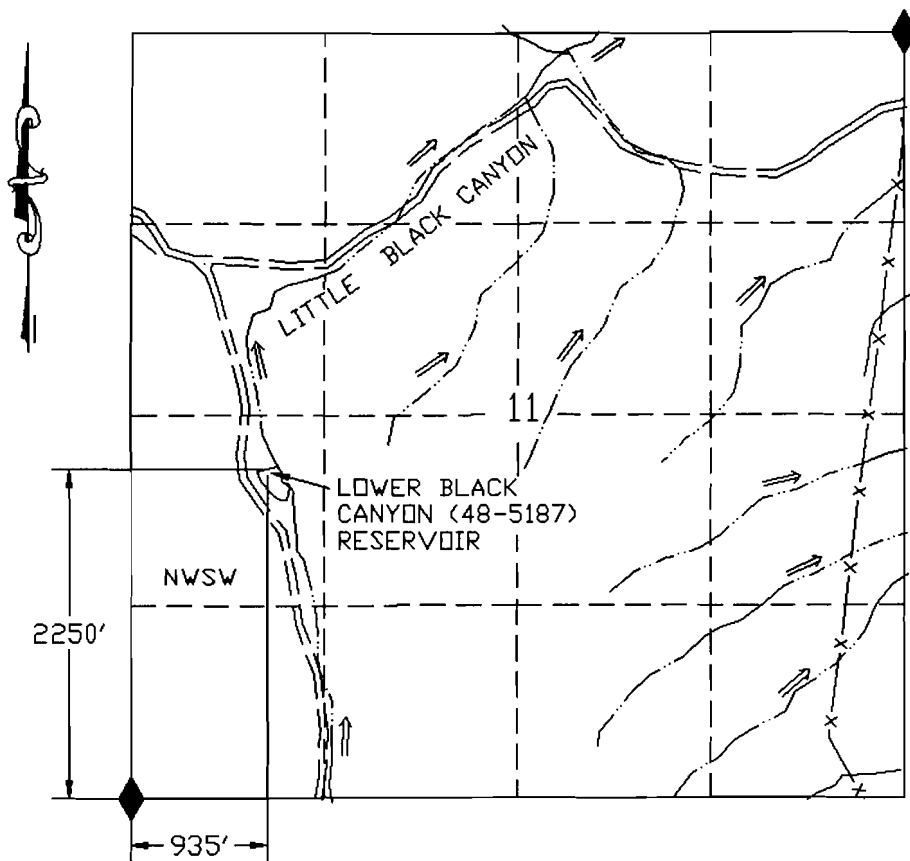


Application No. R-73630
Permit No.

APPLICATION MAP FOR PERMIT TO CONSTRUCT A RESERVOIR

NW1/4 SW1/4 SEC 11 T 19S R 40E W.M.

U.S.G.S. QUAD - LITTLE BLACK CANYON, OREG. - 7 1/2'



LEGEND

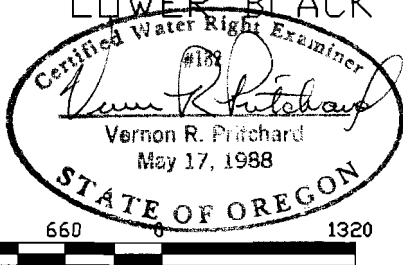
- ◆ FD SEC COR
- == ROAD
- x— FENCE
- - - CREEK

RECEIVED

SEP 23 1993

**WATER RESOURCES DEPT.
SALEM, OREGON**

LOWER BLACK CANYON (48-5187) 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

LOWER BLACK CANYON (48-5187) RESERVOIR

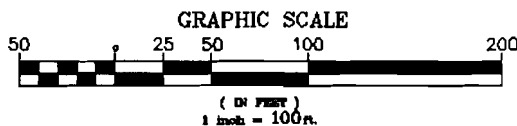
DESIGNED
REVIEWED
APPROVED

DRAWN: CG SCALE: 1"=1320'
DATE: 08/09/93 SHEET 1 OF 1
DRAWING NO. OR-03-9172.45-339

ACAD RELEASE 11/DCA
DWG FILE: LBLKCAN.DWG

AS BUILT MAP OF LOWER BLACK CANYON (48-5187) RESERVOIR

NW 1/4 SW 1/4 SEC 11, T. 19S., R. 40 E., W.M.
U.S.G.S. QUAD -LITTLE BLACK CANYON, OREG.- 7 1/2'



CONTOUR INTERVAL = 2 FEET

LEGEND

- 88 — CONTOUR & ELEV
- HIGH WATER LINE ELEV. 3674.86
- - - - - CHANNEL
- ▲ MONUMENT
- == ROAD

CONTROL HUB
ELEV. 3680.00
ASSUMED FROM
U.S.G.S. QUAD
LITTLE BLACK
CANYON, OREG.
7 1/2'

MAX. HEIGHT 14.5'
TOP WIDTH 17'
SLOPE UPSTREAM 3:1
SLOPE DOWNSTREAM 2:1
HT. ABOVE WATER LINE 5.1'
AREA SUBMERGED 1.12 ACRES
MAX. WATER DEPTH 7.16'

BOTTOM OF
RESERVOIR
ELEV. 3667.70

SPILLWAY:
BOTTOM WIDTH 22'
TOP WIDTH 49'
SPILLWAY CREST TO
DAM CREST 4.2'
STORAGE CAPACITY 3.13 AC.FT.

PROJECT
MONUMENT
ELEV. 3690.98

CONTROL
ELEV. 3674.86

RECEIVED

SEP 23

JDR NO: 48-5187
WATER RIGHTS WATER RESOURCES
APP. NO.: SALEM, OR
PERMIT NO.
CERTIFICATE NO.

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

LOWER BLACK CANYON
(48-5187) RESERVOIR AS BUILT

DESIGNED FIELD SURVEY 8/05/93 MARTINEZ & WHITLEY

REVIEWED *Wayne R. Richardson*

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

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

DATE: 08/11/93 SHEET 1 OF 1

DRAWING NO. OR-03-9172.45-340

ACAD 11/DCA
LBLKCAN.DWG

ALWAYS
THINK
SAFETY

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.

Application No. R-73630

Permit No.

00057

CERTIFICATE NO.