

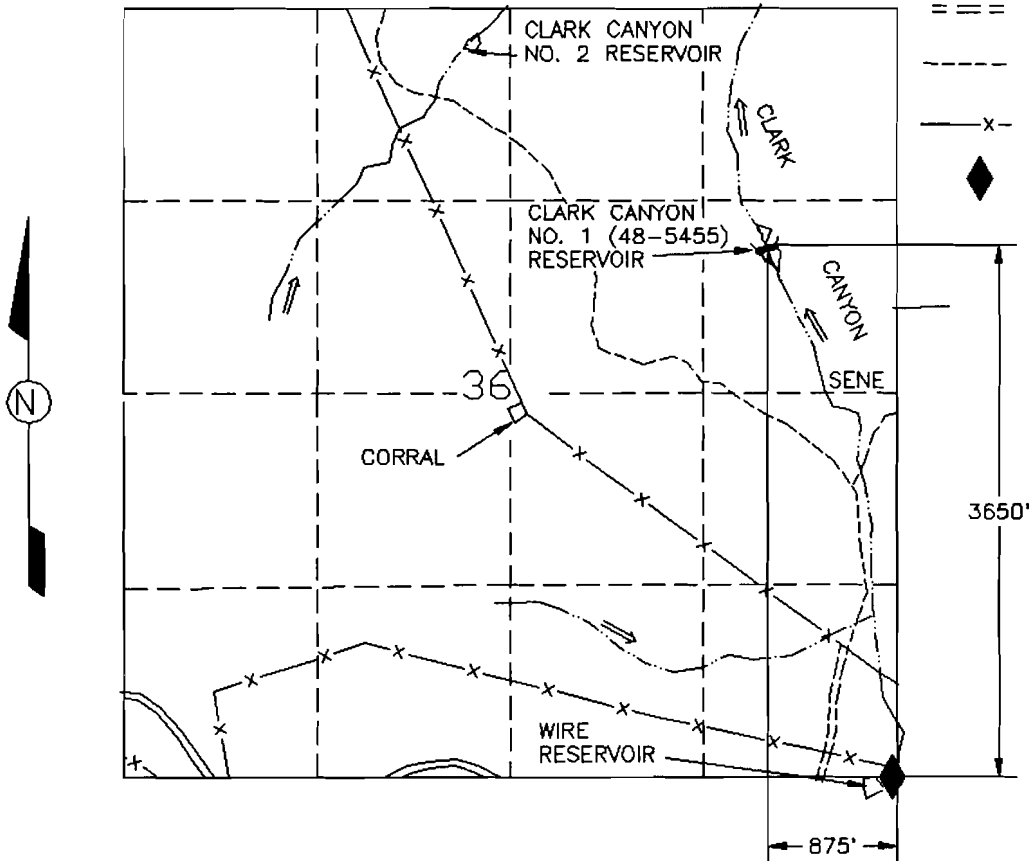
APPLICATION MAP FOR PERMIT TO CONSTRUCT A RESERVOIR

SE1/4 NE1/4 SEC 36 T 21S R 38E W.M.

U.S.G.S. QUAD - MONUMENT PEAK, OREG. - 7 1/2'

LEGEND

-  RESERVOIR
-  ROAD
-  JEEP TRAIL
-  FENCE
-  FD SEC COR

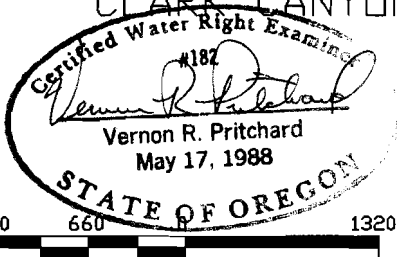


RECEIVED

OCT 14 1993

WATER RESOURCES DEPT.
SALEM, OREGON

CLARK CANYON NO. 1 (48-5455) RESERVOIR



1320 660 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

CLARK CANYON NO. 1 (48-5455) RESERVOIR

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

DRAWN: CG SCALE: 1"=1320'

DATE: 06/09/93 SHEET 1 OF 1

DRAWING NO. OR-03-9172.45-288

ACAD RELEASE 11/BCA
DWG FILE: CLARKC1.DWG

APPROVED R-73699

PERSON NO.

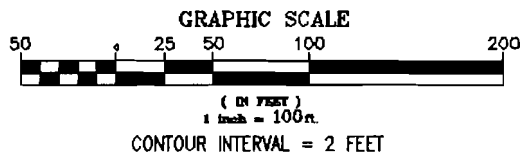
00009

CERTIFICATE NO.

"CERTIFICATE NO. 02009

AS BUILT MAP OF
CLARK CANYON NO.1 (48-5455) RESERVOIR

SE 1/4 NE 1/4 SEC 36, T. 21S., R. 38 E., W.M.
U.S.G.S. QUAD -MONUMENT PEAK, OREG.- 7 1/2



CONTOUR INTERVAL = 2 FEET

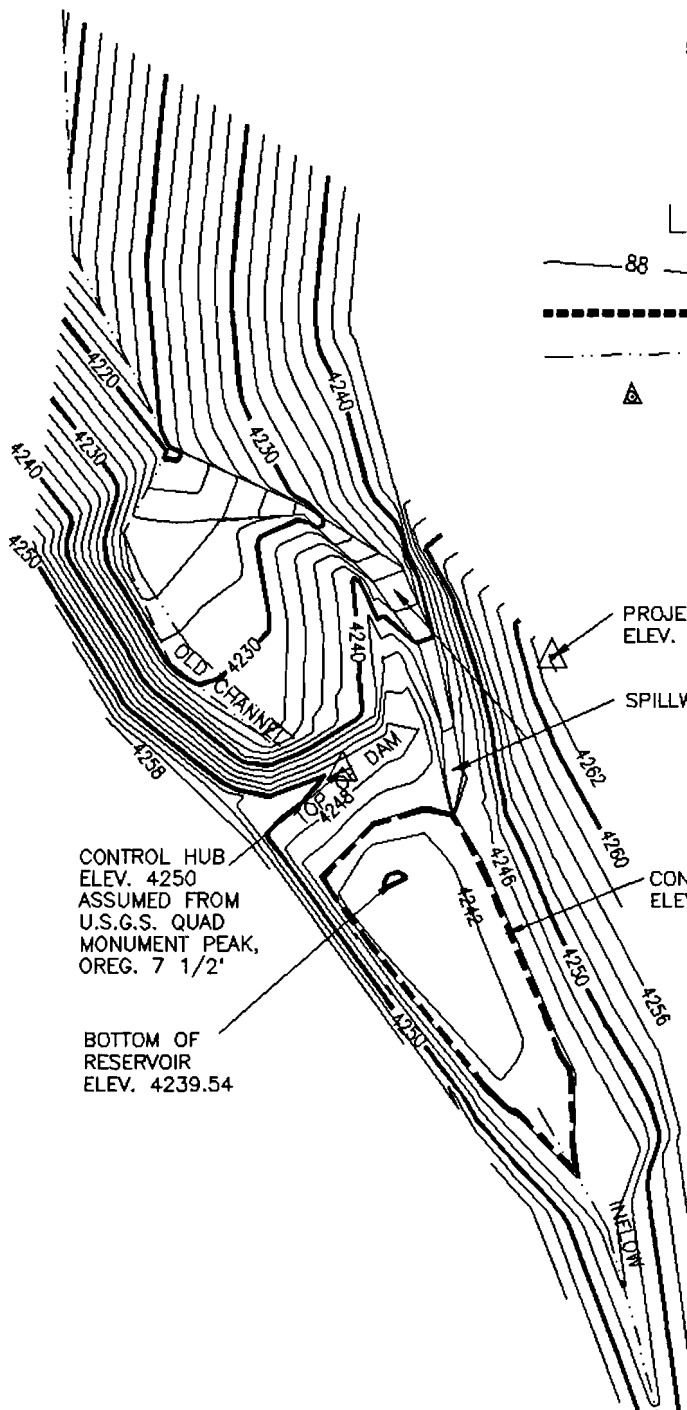
LEGEND

-  88 CONTOUR & ELEV
 HIGH WATER LINE
 ELEV. 4243.93
 CHANNEL
 MONUMENT

RECEIVED

OCT 04 1993

WATER RESOURCES DIVISION
SALEM, OREGON



CONTROL HUB
ELEV. 4250
ASSUMED FROM
U.S.G.S. QUAD
MONUMENT PEAK,
OREG. 7 1/2'

BOTTOM OF
RESERVOIR
ELEV. 4239.54

PROJECT MON.
ELEV. 4264.34

SPILLWAY

CONTROL
ELEV. 4243.93

DAM:

MAX. HEIGHT	15.5'
TOP WIDTH	11'
SLOPE UPSTREAM	4:1
SLOPE DOWNSTREAM	1 1/2:1
HT. ABOVE WATER LINE	6.07'
AREA SUBMERGED	0.23 ACRE
MAX. WATER DEPTH	4.4'

SPILLWAY:

BOTTOM WIDTH	7'
TOP WIDTH	15'
SPILLWAY CREST TO DAM CREST	5.6'
STORAGE CAPACITY	0.48 AC.FT.

NOTE: CONTROL HUB
HAS AN ASSUMED
ELEVATION OF 4250



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.

JDR NO:48-5455
WATER RIGHTS
APP. NO.:
WATER RIGHTS
PERMIT NO.

ACAD 11/DCA
CLARKCAN.DWG

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

CLARK CANYON NO.1(48-5455)
RESERVOIR AS BUILT

DESIGNED FIELD SURVEY 04/28/93 GRASTY & MARTINEZ

REVIEWED Vernon K. Folsom

APPROVED *J. Leroy D. House*

CHIEF, BRANCH OF ENGINEERING

DRAWN: C.G.	SCALE: 1"=100
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DATE: 6/23/93	SHEET 1 OF 1
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DRAWING NO. OR-03-9172.45-289