

R-5

Application No. R-18475
Permit No. R-766
Certificate No. 36999
Dam File H-55
Stream Index, Page No. 12-2

Name Eastern Oregon Livestock Co.
By _____
Address Frenchglen, Oregon

Date filed November 20, 1939
Priority November 20, 1939
Action suspended until OK Oct

Returned to applicant _____
Date of approval September 15, 1941

CONSTRUCTION

Date for beginning September 15, 1942
Date for completion October 1, 1943
Extended to _____
Date for application of water October 1, 1944
Extended to _____

PROSECUTION OF WORK

Form "A" filed _____
Form "B" filed Completed
Form "C" filed _____

FINAL PROOF

Blank mailed 4-23-45 LB AUGUST 18 1970
Proof received _____
Date certificate issued OCTOBER 21 1970

FEES PAID

Date	Amount	Receipt No.
11/22/39	5.00	25218
12/13/39	1.00	25324
Total		
9-9-70	\$1 Cert. Fee	20714

FEES REFUNDED

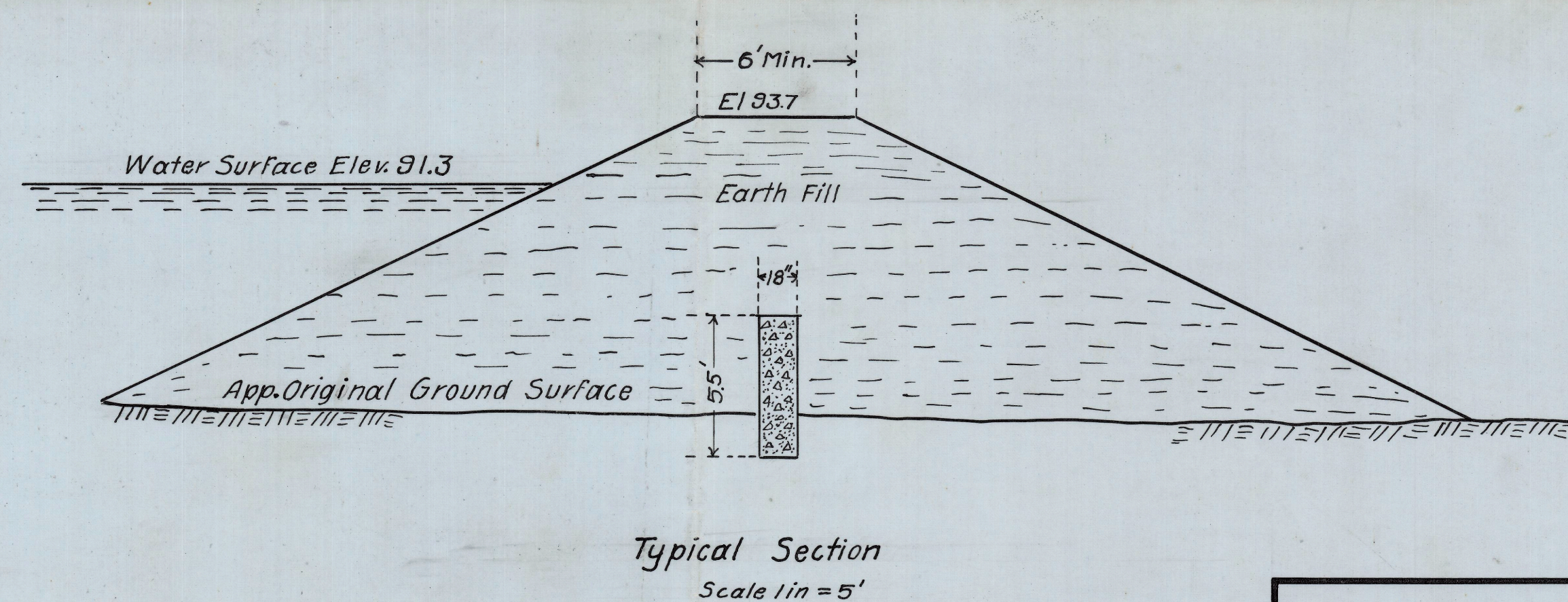
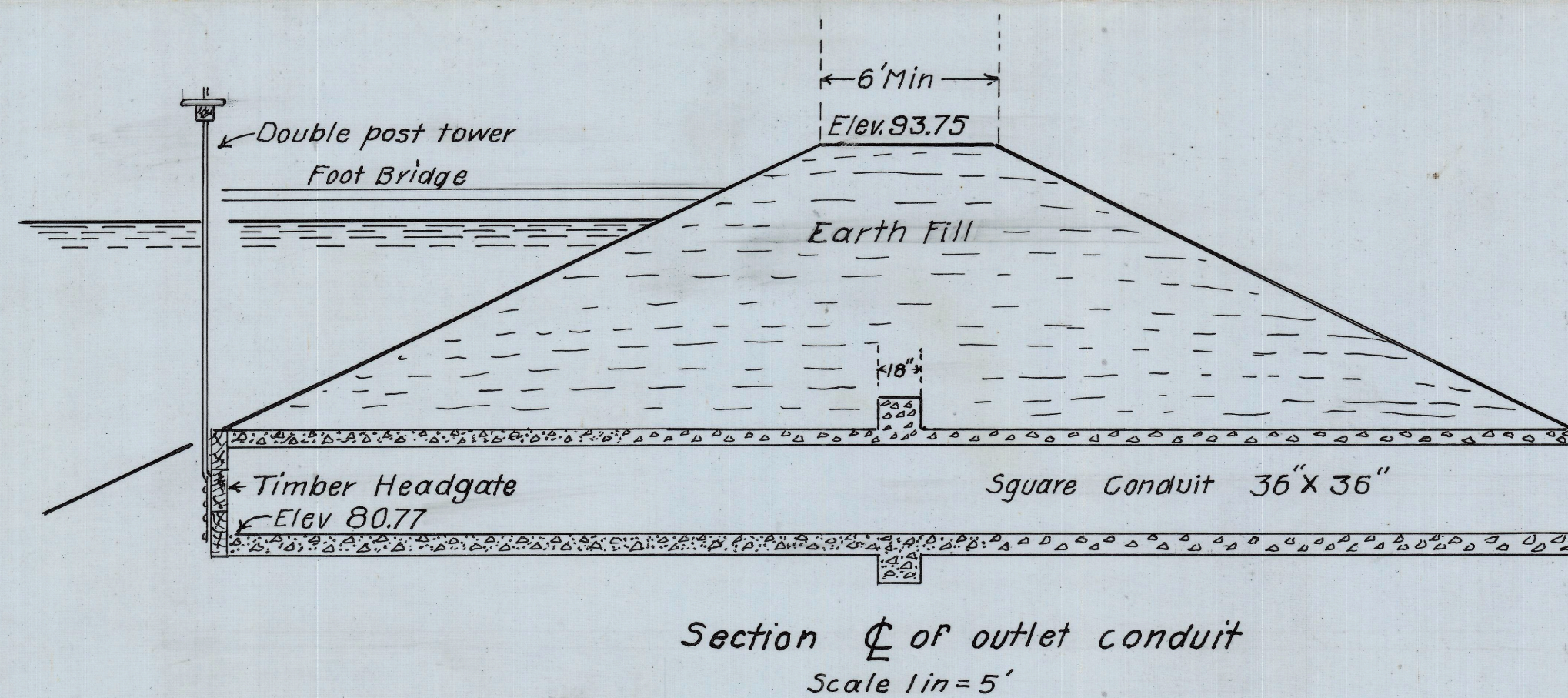
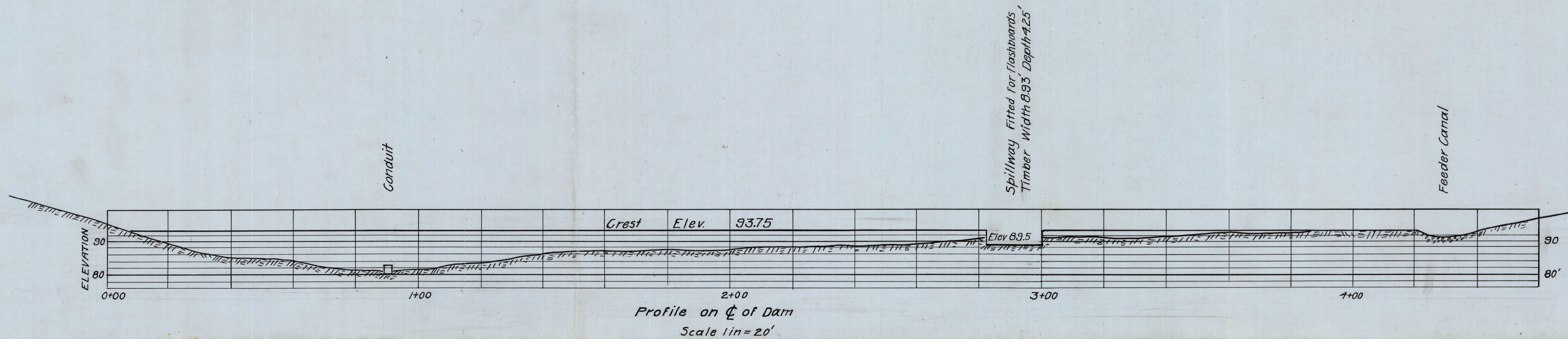
Date	Amount	Check No.

ASSIGNMENTS

Date	To Whom	Address	Volume	Page
By deed	Allied Land & Livestock Co.	340 Mason Street 420 Taylor St. San Francisco		560, 941C
NEW OWNER	Roaring Springs Assoc., P.O. Box 9449	Owyhee Plaza, Boise, ID		

REMARKS

App. # 18476
Per. # 15008
130 acre feet to be stored from Eckhardt Creek, H.L.C. & Spring Cr. to be appropriated under App. # 18476, Per. # 15008 for irrigation & Suppl. irrigation of 660.1 acr.



R-18475
R-766
PS # 36999

EASTERN OREGON LIVESTOCK CO.

H L DAM

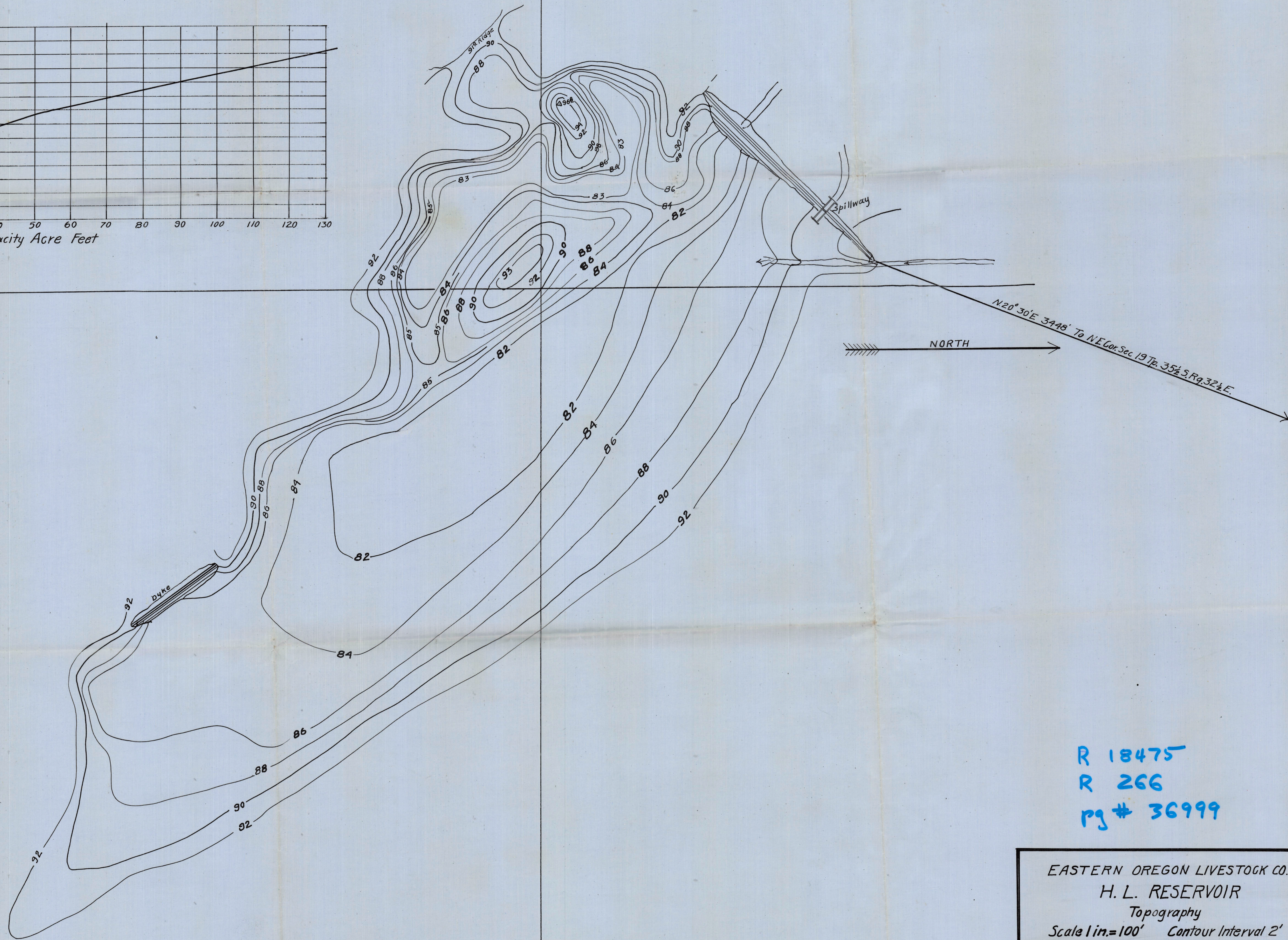
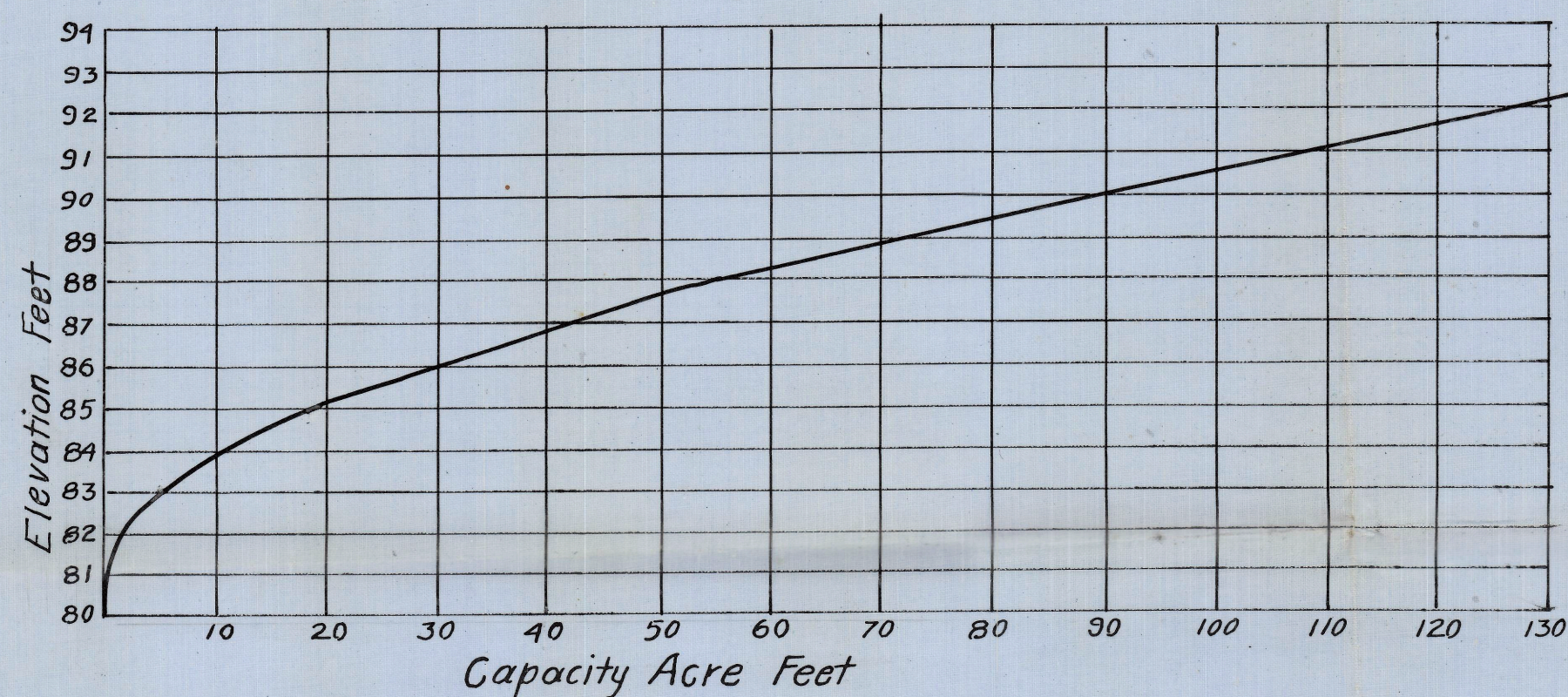
Profile and Sections

Feb 1941

RHEA LUPER

Reg. Professional Eng. No. 311

RECEIVED
FEB 5 1941



R 18475
R 266
pg # 36999

EASTERN OREGON LIVESTOCK CO.
H. L. RESERVOIR
Topography
Scale 1 in. = 100' Contour Interval 2'

RHEA LUPER
Registered Professional Engineer
No. 311

PORTLAND ORE. NOV. 1939

STATE OF OREGON

COUNTY OF HARNEY

Proof of Appropriation of Water

RECEIVED
SEP 4 1970
STATE ENGINEER
SALEM OREGON

ALLIED LAND and LIVESTOCK COMPANY

of ^{340 mason}
~~420 Taylor St.~~, San Francisco

, State of California, has

constructed a reservoir to store the waters of
Eckhardt Creek, tributary of Skull Creek, and H. L. Creek and Spring Creek,
tributaries of Catlow Valley, appropriated under Appl. No. 18476, Permit No.
15008

for the purposes of
irrigation and supplemental irrigation
under Reservoir Permit No. R-766 of the State Engineer, and that the storage of said
waters has been completed within the terms of said Permit; that the priority of the right
dates from November 20, 1939

that the amount of water entitled to be stored each year under such right, for the purposes afore-
said, shall not exceed 130 acre feet

The reservoir is located in

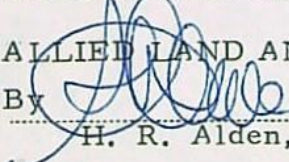
NE $\frac{1}{4}$
Section 30
T. 35 $\frac{1}{2}$ S., R. 32 $\frac{1}{2}$ E., W. M.

Diversions from: Eckhardt Creek: SW $\frac{1}{4}$, SW $\frac{1}{4}$, Section 26
H. L. Creek: Lot 2 (NW $\frac{1}{4}$, SE $\frac{1}{4}$), Section 19
Spring Creek: NW $\frac{1}{4}$, NW $\frac{1}{4}$, Section 29
T. 35 $\frac{1}{2}$ S., R. 32 $\frac{1}{2}$ E., W. M.

I have read the above and foregoing proof of appropriation of water; I know the contents
thereof, and that the facts therein stated are true.

IN WITNESS WHEREOF, I have hereunto set my hand this 1st day of September,

1970.

ALLIED LAND AND LIVESTOCK COMPANY
By 
H. R. Alden, Vice President-Treasurer

Mary Rohling

From: Mary Rohling
Sent: Tuesday, December 13, 2011 7:31 AM
To: Babe Hawk
Subject: RE: Permit 766

Hi Babe,

It looks to me like they got the number wrong on the map. Permit R-776 has its own FPS that reflects its right. Not sure if there is anything at all to do about it, I'll check the paper file and add a note if there isn't one already.

Mary

Mary F. Rohling
Water Rights Technician
Information Services Division
Oregon Water Resources Department
725 Summer St. NE, Suite A
Salem, OR 97301
(503)986-0865
www.wrd.state.or.us

From: Babe Hawk
Sent: Monday, December 12, 2011 11:34 AM
To: Mary Rohling
Subject: Permit 766

Good morning Mary, question ? App R 18475, Permit R 766 Cert. 369
final map shows the permit as R 776. I have filed the map as R 766 -
Have a great Holiday Season and Thank You for your input, Babe

12-13-11
The Permit Number
listed on the FPS
is wrong, the
correct number
is R-766

the

Mary Rohling

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Sent: Tuesday, December 13, 2011 7:31 AM
To: Babe Hawk
Subject: RE: Permit 766

Hi Babe,

It looks to me like they got the number wrong on the map. Permit R-776 has its own FPS that reflects its right. Not sure if there is anything at all to do about it, I'll check the paper file and add a note if there isn't one already.

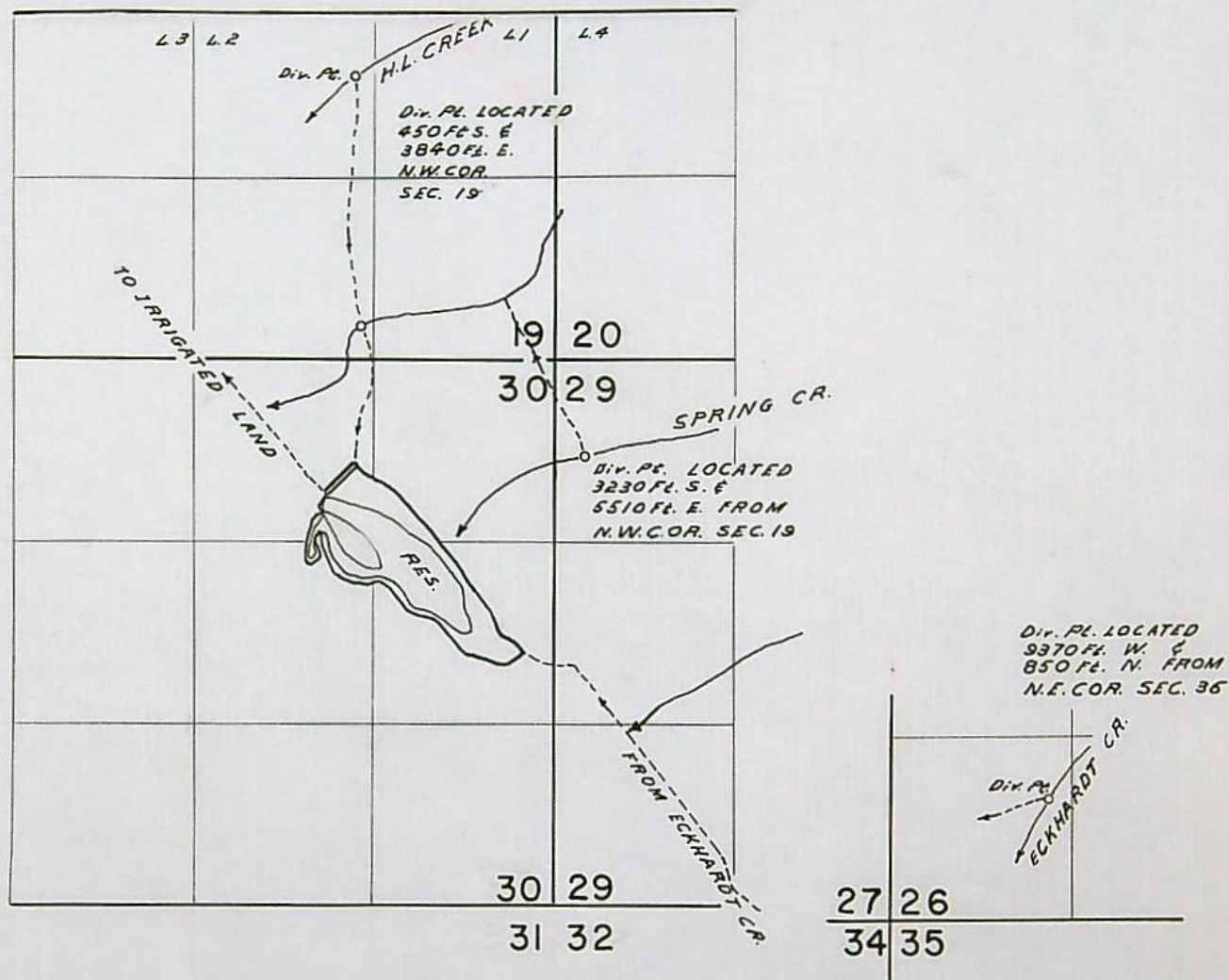
Mary

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From: Babe Hawk
Sent: Monday, December 12, 2011 11:34 AM
To: Mary Rohling
Subject: Permit 766

Good morning Mary, question ? App R 18475, Permit R 766 Cert. 36999 everything in Salem matches my card except the final map shows the permit as R 776. I have filed the map as R 766 - -but thought I'd check with you too.
Have a great Holiday Season and Thank You for your input, Babe

T. 35 1/2 S. R. 32 1/2 E. W.M.



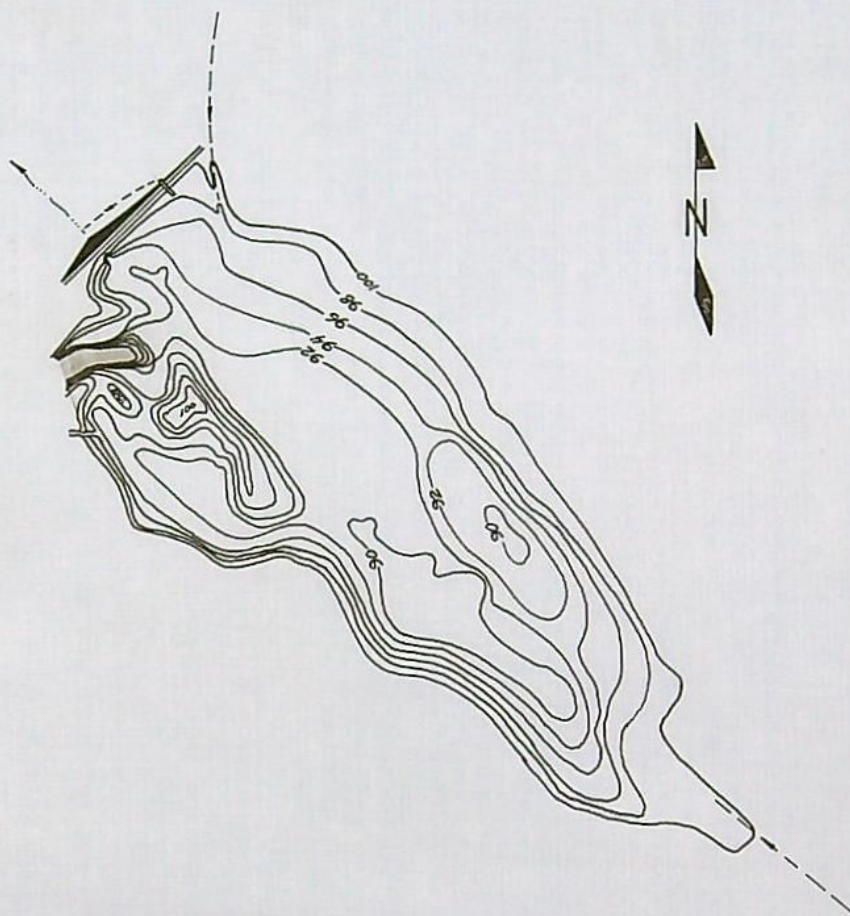
FINAL PROOF SURVEY UNDER

Application No. R-18475 Permit No. R-776
IN NAME OF

ALLIED LAND & LIVESTOCK CO.

Surveyed AUG 22, 1963, by T. LAUER
SEPT 22, 1965 by L. COLEBANK

T 35 1/2 S R 32 1/2 E WM



CAPACITY SURVEY OF H.L. RESERVOIR
LOCATED IN THE NE 1/4 OF SECTION 30

SCALE = 1" = 400'
CONTOUR INTERVAL = 2'

FINAL PROOF SURVEY
UNDER

Application No. R-18475 Permit No. R-766
IN NAME OF

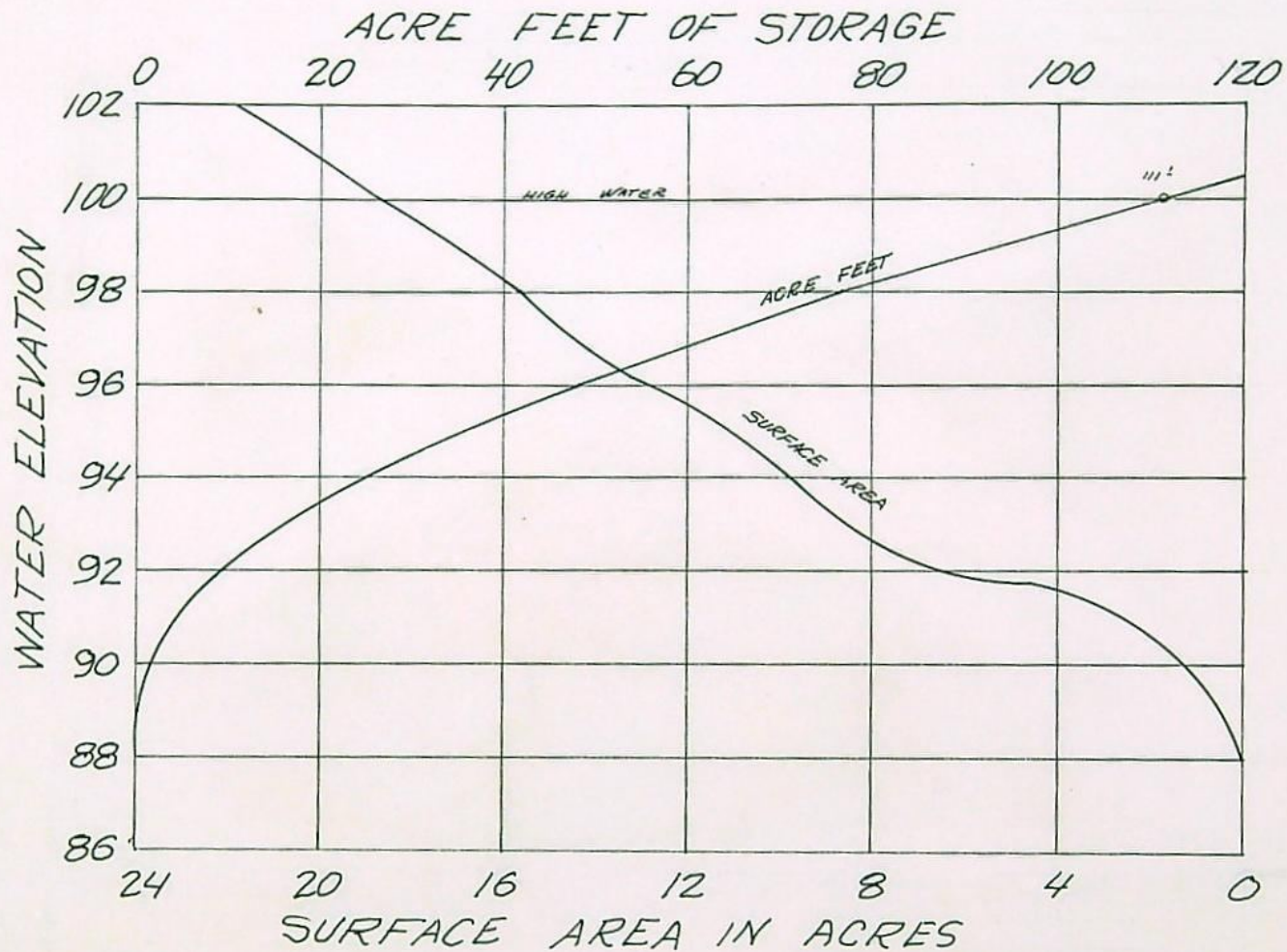
ALLIED LAND and LIVESTOCK Co.

Surveyed Aug 5 1968, by V. Garner

ALLIED LAND and LIVESTOCK CO.

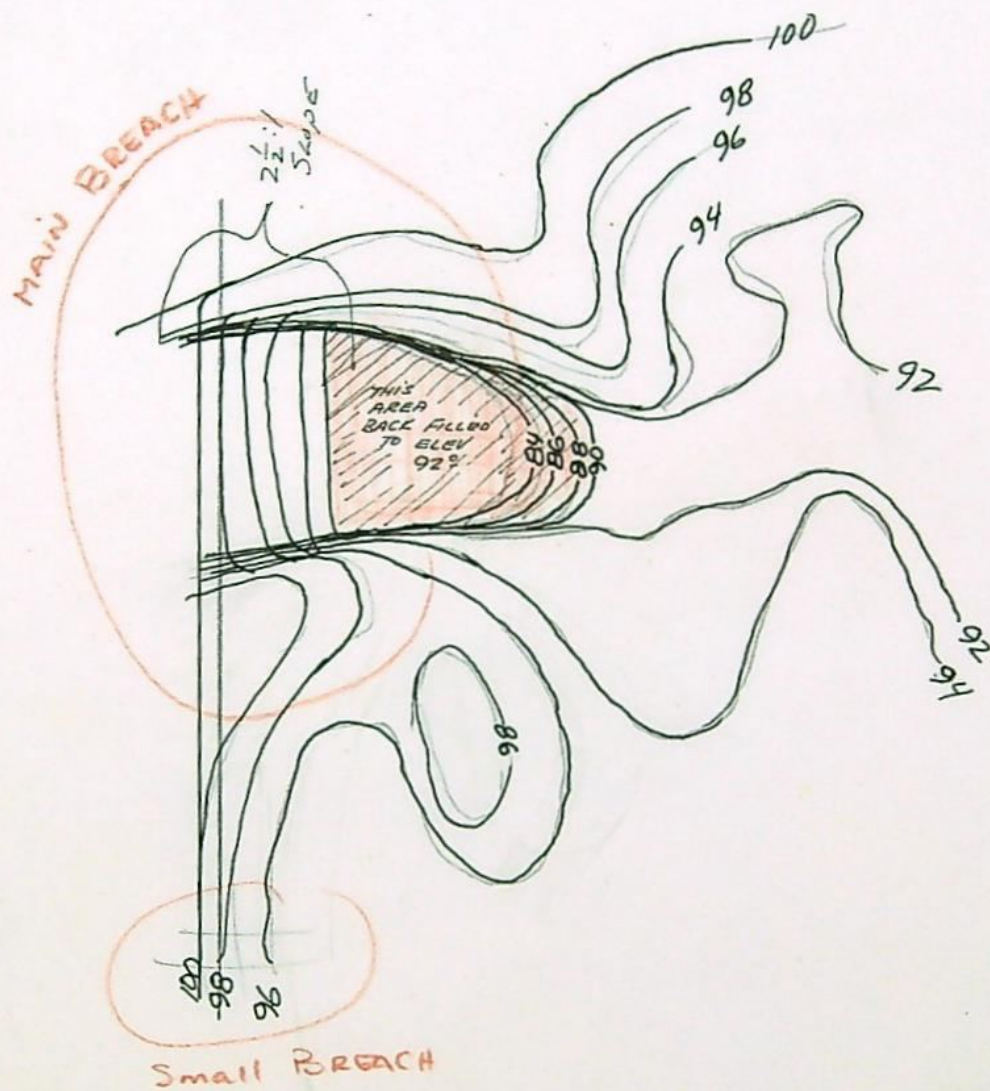
H.L. RESERVOIR - NE $\frac{1}{4}$ SEC. 30

T 35 $\frac{1}{2}$ S R 32 $\frac{1}{2}$ E W.M.



PREPARED FROM A FINAL PROOF SURVEY UNDER APP-R-18475 PERMIT R-766
MADE BY Y. GARNER AUG 5 1968 DATA BASED ON BACK-FILLING THE
BREACHED AREA TO ELEV. 92⁰ THEN COMPLETING THE EMBANKMENT
ON 2 $\frac{1}{2}$:1 SLOPE - NO EXCAVATION IN POOL AREA -

SKETCH SHOW HOW CAPACITY WAS FIGURED
FOR H.L. RES. P. 766
ALLIED LAND & COW CO.



RECEIVED
JUN 24 1959

STATE ENGINEER
SALEM, OREGON

SCHEDULE A

Dec. September 15, 1957 A.M.

INSURED

THE CONNECTED WITH ALL THE INSURANCE COMPANY

The fee simple title to said land is, at the date hereof, vested in

-----ALLIED PROPERTIES-----
-----a California corporation-----

The land referred to in this policy is described as

The following described premises in the County of Harney, State of Oregon:

PARCEL 1. Township 32 South, Range 31 East of the Willamette Meridian:

- no Lot 4 of Section 24.
- no Lots 1 and 2; West half of Northeast quarter; Southeast quarter of Northwest quarter of Section 25.
- no East half of Section 35.

PARCEL 2. Township 33 South, Range 31 East of the Willamette Meridian:

- no Southwest quarter of Section 1.
- no Lots 1 and 2; South half of Northeast quarter; Southeast quarter of Section 2.
- no North half of Section 11.
- no North half of Section 12.
- no East half of East half; West half of Northeast quarter of Section 24.

All of Section 25. Vol 11 P 332 Cont 23474

East half of Section 26. ✓ ✓ ✓

East half of Section 35. ✓ ✓ ✓ § Reg. 331 Cont 23474

All of Section 36. ✓ ✓ ✓ ✓

PARCEL 3. Township 34 South, Range 31 East of the Willamette Meridian:

All of Section 1, Vol 11 P 337, 8, 9 C 23498

Lots 1 and 2; South half of Northeast quarter; Southeast quarter of Section 2. C 23498

East half of Section 11. ✓ 4 Appl 30147

All of Section 12. ✓

All of Section 13. ✓

Northeast quarter of Section 14. ✓

no North half of Northeast quarter of Section 23.

East half of Section 24. C 23498

East half; Northwest quarter of Section 25. Vol 11 P 333, 34 C 23495

no Northwest quarter of Southwest quarter of Section 32.

East half of Section 36. C 23495 & Appl 30147

no PARCEL 4. Township 36 South, Range 31 East of the Willamette Meridian:

South half of Lot 4; South half of South half of Northwest quarter; North half of Northwest quarter of Southwest quarter; South half of Northeast quarter of Southwest quarter; North half of Southeast quarter of Southwest quarter; South half of Northeast quarter of Southeast quarter; South half of Southeast quarter of Section 1.

✓ Northeast quarter of Southwest quarter of Section 3.

South half of Northeast quarter of Northeast quarter;
North half of Northwest quarter of Northeast quarter;
North half of Southeast quarter of Northeast quarter;
South half of Northeast quarter of Northwest quarter;
North half of Northwest quarter of Northwest quarter;
North half of South half of Northwest quarter; South
half of North half of Southwest quarter; South half of
Southeast quarter of Southwest quarter; North half of
Northeast quarter of Southeast quarter; South half of
Southwest quarter of Southeast quarter of Section 13.

PARCEL 5. Township 32 South, Range 32 East of the Willamette Meridian:

no All of Section 16.

no Lots 3 and 4; East half of Southwest quarter of Section 19.

Lots 1, 2, 3 and 4; East half of West half; West half of East Half of Section 30. Appl 22103

no Lots 2, 3 and 4; East half of West half of Section 31.

PARCEL 6. Township 33 South of Range 32 East of the Willamette Meridian.

App 22104
South half of the northeast quarter; North half of Southeast quarter; Southeast quarter of Southeast quarter of Section 7.

no Northeast quarter of Southwest quarter of Section 10.

no Northeast quarter of Northwest quarter of Section 12.

South half of Southwest quarter of Section 14. Vol 11 P 334 Cont 23507

no Lot 13 of Section 18.

no Lot 4; East half of Southwest quarter; West half of West half of Section 19.

no Southeast quarter of Southwest quarter of Section 23.

1. A Lots 1, 2 and 4; West half of Section 30. Appl 30147 & Cont 23494

1. Lots 1, 2, 3, 4, 5, 6, 7 and 8; East half of West half; East half of Southeast quarter of Section 31. Cont 23494 & 23498

no West half of Southwest quarter of Section 32.

Southeast quarter of Northeast quarter of Section 33. Vol 11, P 344 & 23506

no West half; Southwest quarter of Southeast quarter of Section 36.

PARCEL 7: Township 34 South of Range 32 East of the Willamette Meridian.

no Lots 3, 4, 5 and 6; southeast quarter of Northwest quarter of Section 5. Vol 11 P 329 Cont 23498

no Lots 1, 2, 3, 4, 5, 6 and 7; South half of Northeast quarter; Southeast quarter of Northwest quarter; East half of Southwest quarter; Southeast quarter of Section 6. Cont 23498

no Lots 1, 2, 3 and 4; East half of West half; East half of Section 7. Cont 23498

Southwest quarter of Section 8. *cut 23498*

Southeast quarter of Northeast quarter of Section 9. *cut 23505*

no West half of Section 17;

Lots 1, 2, 3 and 4; East half of West half; East half of Section 18. *cut 23498*

Lots 1, 2, 3 and 4; East half of West half; East half of Section 19. *cut 23495*

All of Section 20. *c 23495*

West half; Southeast quarter of Section 21. *c 23495*

no Lot 4; Southeast quarter of Southwest quarter of Section 22.

no Lots 1 and 2; East half of Northwest quarter; West half of Northeast quarter of Section 27.

East half of East half; Northwest quarter of Northeast quarter; northwest quarter; West half of Southwest quarter of Section 28. *Appl R 21003(?)*

All of Section 29. *c 23495*

Lots 1, 2, 3 and 4; East half of West half; East half of Section 30. *c 23495*

Lots 1, 2, 3 and 4; East half of West half; East half of Section 31. *c 23495*

All of Section 32. *c 23495*

Southeast quarter of Northeast quarter; East half of Southeast quarter; West half of East half; West half of Section 33. *c 23495*

no Southwest quarter of Southwest quarter of Section 34.

PARCEL 8. Township 35 South of Range 32 East of the Willamette Meridian.

Lots 1 and 2; South half of Northwest quarter; Southwest quarter of Section 3. *c 23497*

Lots 1, 2, 3 and 4; south half of North half; South half of Section 4. *c 23497*

Lots 1 and 2; South half of northeast quarter; Southeast quarter of Section 5. *c 23497*

East half; East half of West half; West half of the Southwest quarter of Section 8. c 23497

All of Section 9. ✓ ✓

Southwest quarter of Northeast quarter; West half; West half of Southeast quarter of Section 10. c 23497

West half of East half; West half of Section 15. c 23497

All of Section 16. c 23497

All of Section 17. ✓

All of Section 20. ✓

All of Section 21. ✓

All of Section 22. ✓

Northwest quarter of Southwest quarter; South half of Southwest quarter of Section 23.

Southeast quarter of Northeast quarter; Southhalf of Northwest quarter; Southwest quarter; North half of Southeast quarter of Section 25. c 23501

All of Section 26. c 23501 # Appl 21002

All of Section 27. c 23501

North half; North half of South half; Southwest quarter of Southwest quarter; Lots 1, 2 and 3 of Section 28. c 23501

All of Section 29. c 23501

710 Lots 3 and 4; East half of Southwest quarter; Southeast quarter of Section 31.

All of Section 32. c 23501

Southeast quarter of Northeast quarter; West half of West half; East half of Southwest quarter; Southeast quarter; Lots 1, 2, 3, 4 and 5 of Section 33. c 23501

All of Section 34. c 23501

Northeast quarter; East half of Northwest quarter; Northwest quarter of Northwest quarter; North half of Northeast quarter of Southeast quarter; North half of Southwest quarter of Southeast quarter of Section 35. c 23501 App 21002 App 30147(?)

All of Section 36. c 23496, c 23501 # R 21001

PARCEL 9. Township 35 $\frac{1}{2}$ South of Range 32 East of the Willamette Meridian.

no South half of Lot 1; Lots 3, 4 and 5; Southeast quarter of Southwest quarter of Section 19.

no South half of Lot 1; Lot 4; North half of South half of Southwest quarter of Section 21.

Sec 23?
no Lot 1; South half of Lot 2; South half of Lot 3; South half of Lot 4.

no North half of South half of Southwest quarter; South half of Southeast quarter of Southeast quarter of Section 23.

no Lots 1, 2, 3 and 4; South half of South half of Section 24.

All of Section 25. C 23496 & Appl 16476

no South half of Northwest quarter of Northeast quarter; North half of South half of North half; South half of Southwest quarter of Northeast quarter; South half of Southwest quarter of Northwest quarter; northeast quarter of Southwest quarter; South half of South half of South half; Northeast quarter of Southwest quarter of Southeast quarter of Section 29.

no Lots 1, 2, 3 and 4; East half of West half of Section 30.

no Lots 1, 2, 3 and 4; East half of West half; East half of Section 31.

no North half of Northwest quarter of Northeast quarter; North half of Southwest quarter of Northeast quarter; South half of Southeast quarter of Northeast quarter; North half of North half of Northwest quarter; North half of Southeast quarter of Northwest quarter; Northwest quarter of Southwest quarter; North half of Northeast quarter of Southeast quarter; South half of Northwest quarter of Southeast quarter of Section 35.

no All of Section 36.

no PARCEL 10. Township 36 South of Range 32 East of the Willamette Meridian.

South half of Lot 1; Lot 2; South half of Southeast quarter of Northeast quarter of Section 5.

Northwest quarter of Northeast quarter of Section 11.

Southwest quarter of Northwest quarter of Section 23.

All of Section 26.

Southeast quarter of Section 33.

no PARCEL 11. Township 37 South of Range 32 East of the Willamette Meridian.

Lots 1 and 2; South half of Northeast quarter of Section 4.

no PARCEL 12. Township 33 South of Range 32½ East of the Willamette Meridian.

Southwest quarter of Northwest quarter; Southwest quarter of Section 4.

West half of Northwest quarter; North half of Southwest quarter; Southeast quarter of Southwest quarter; South half of Southeast quarter of Section 9.

East half; East half of Northwest quarter; Southwest quarter of Northwest quarter; Southwest quarter of Section 16.

Northeast quarter of Northwest quarter of Section 18.

West half of Northwest quarter of Section 22.

Southwest quarter of Northeast quarter; West half of Northwest quarter; Southeast quarter of Northwest quarter; Southeast quarter of Section 35.

no PARCEL 13. Township 34 South of Range 32½ East of the Willamette Meridian.

Southwest quarter of Section 3.

South half of Southwest quarter; Southeast quarter of Section 4.

Southeast quarter of Southeast quarter of Section 5.

Northeast quarter of Northeast quarter of Section 8.

North half of North half of Section 9.

Southeast quarter of Southeast quarter of Section 25.

West half of Southwest quarter; Southeast quarter of Southwest quarter of Section 29.

Lot 3; Northeast quarter of Southwest quarter; Northwest quarter of Southwest quarter; East half of Southeast quarter of Section 30.

no PARCEL 14. Township 35 South of Range 32½ east of the Willamette Meridian.

Northeast quarter of Southwest quarter of Section 7.

South half of Northwest quarter; Southwest quarter; West half of Southeast quarter of Section 14.

East half; South half of Northwest quarter; Southwest quarter of Section 15.

North half of Section 16.

Lot 2 of Section 18.

South half of Section 21.

North half of Northwest quarter; South half of Section 22.

Northwest quarter of Northwest quarter; South half of North half; South half of Section 23.

Southwest quarter of Northeast quarter; South half of Northwest quarter; Southwest quarter; West half of Southeast quarter; Southeast quarter of Southeast quarter of Section 24.

North half; North half of South half; South half of Southwest quarter; Southwest quarter of Southeast quarter of Section 25.

North half; Northeast quarter of Southeast quarter of Section 26.

Southwest quarter; West half of Southeast quarter; Northeast quarter of Southeast quarter of Section 27.

Northwest quarter of Section 28.

North half of Section 29.

Northeast quarter; Lots 3 and 4; Southeast quarter of Southwest quarter of Section 30.

Northeast quarter of Southeast quarter; East half of Northeast quarter; Northeast quarter of Northwest quarter; Lots 1, 2 and 5, of Section 31.

Northeast quarter of Northeast quarter; Southwest quarter of Northeast quarter; Northwest quarter; North half of Southwest quarter; Lots 1, 2, 3 and 4; Northeast quarter of Southeast quarter of Section 33.

East half of Northeast quarter; Southeast quarter of Northwest quarter; Northwest quarter of Southwest quarter; North half of Southeast quarter; Lots 1, 2, 3 and 4 of Section 35.

North half; North half of South half; Lots 1, 2, 3 and 4 of Section 36.

PAGE 15. Township 35 $\frac{1}{2}$ South of Range 32 $\frac{1}{2}$ East of the
Willacotte Meridian.

North half of Lot 1; Lots 2, 3, 4 and 5; Southeast quarter
of Southwest quarter; South half of Southeast quarter of
Section 19. C 23496 Appl 18476

no Lots 1, 2 and 4; South half of Lot 3; South half of
Southwest quarter; Southeast quarter of Southeast quarter
of Section 21.

no Lots 1, 2, 3 and 4; South half of South half of Section 23.

no Lots 1, 2, 3 and 4; South half of South half of Section 24.

no All of Section 25.

All of Section 26. Appl 18476

no Northeast quarter; North half of Northwest quarter; North
half of South half of Northwest quarter; South half of
Southeast quarter of Northwest quarter; North half of
Northwest quarter of Southwest quarter; Northeast quarter
of Southwest quarter; North half of Southwest quarter of
Southwest quarter; South half of Southeast quarter of
Southwest quarter; South half of Northeast quarter of
Southeast quarter; North half of Northwest quarter of
Southeast quarter; North half of Southwest quarter of
Southeast quarter; Southeast quarter of Southeast quarter
of Section 27.

no East half of East half; South half of Northwest quarter of
Northeast quarter; Southwest quarter of Northeast quarter;
East half of Northwest quarter; South half of Northwest
quarter of Northwest quarter; Southwest quarter of Northwest
quarter; Southwest quarter; West half of Southeast quarter of
Section 29.

Northeast quarter; Northeast quarter of Northwest quarter;
Lot 1 of Section 30. C 23496, Appl 18475 496

no North half of Northeast quarter; Southeast quarter of
Northeast quarter; North half of Southwest quarter of
Northeast quarter; Northeast quarter of Northwest quarter;
Lots 1, 3 and 4; South half of Lot 2; North half of Northeast
quarter of Southwest quarter; Southeast quarter of Southwest
quarter; Southeast quarter of Section 31.

no Northwest quarter; Northeast quarter of Southwest quarter;
South half of South half of Section 32.

no North half of Northeast quarter; South half of South half
of Northeast quarter; East half of Northwest quarter;

North half of Northwest quarter of Northwest quarter;
North half of Southwest quarter of Northwest quarter;
West half of Southwest quarter; North half of Northeast
quarter of Southwest quarter; Northeast quarter of
Southeast quarter; South half of Northwest quarter of
the Southeast quarter; Southwest quarter of Southeast
quarter; North half of Southeast quarter of Southeast
quarter of Section 33.

210 All of Section 35.

210 All of Section 36.

PARCEL 16. Township 36 South of Range 32; East of the Willamette
Meridian.

210 Lots 1, 2, 3 and 4; South half of North half; South half of
Section 1.

210 South half of Southeast quarter of Northeast quarter; Lot 3;
South half of Lot 4; South half of South half of Northwest
quarter; Northwest quarter of Southwest quarter; North half
of Southwest quarter of Southwest quarter; South half of
Southeast quarter of Southwest quarter; Northeast quarter of
Southeast quarter of Section 3.

210 Lot 1; North half of Lot 2; Southwest quarter of the
Northeast quarter; South half of the Southeast quarter of
the Northeast quarter; Lot 3; Southeast quarter of the
Northwest quarter; Northwest quarter of the Southwest quarter;
North half of the Northeast quarter of the Southwest quarter;
North half of Southwest quarter of Southwest quarter;
Southeast quarter of the Southwest quarter; South half of the
Northwest quarter of the Southeast quarter; North half of
Northeast quarter of the Southeast quarter; South half of the
Southeast quarter of Section 5.

210 Lots 1, 2, 3, 4 and 5; South half of Northeast quarter;
Southeast quarter of the Northwest quarter of Section 6.

210 Northeast quarter of Northeast quarter; Southwest quarter
of Northeast quarter; South half of Southeast quarter of
Northeast quarter; South half of Northeast quarter of
Northwest quarter; Southeast quarter of Northwest quarter;
Lot 1; North half of Lot 2; Lots 3 and 4; North half of
Northeast quarter of Southwest quarter; North half of South-
east quarter of Southwest quarter; North half of Southeast
quarter; Southwest quarter of Southeast quarter; South half of
Southeast quarter of Southeast quarter of Section 7;

210 Southwest quarter of Northeast quarter; South half of Northwest
quarter; South half of Section 8. 0 2 3 5 0 0

210 North half of Northeast quarter of Northeast quarter; South
half of Northwest quarter of Northeast quarter; North

no half of Southeast quarter of Northeast quarter of Northwest quarter; South half of Southwest quarter of Northeast quarter of Northwest quarter; South half of Southwest quarter of Northwest quarter; North half of Northeast quarter of Southwest quarter; South half of Southwest quarter of Southwest quarter; Southeast quarter of Southwest quarter; South half of Northeast quarter of Southeast quarter; North half of Northwest quarter of Southeast quarter; South half of South half of Southeast quarter of Section 9.

no North half of Northwest quarter of Northeast quarter; Northeast quarter of Northwest quarter; North half of Northwest quarter of Northwest quarter; South half of Southeast quarter of Northwest quarter; North half of Northwest quarter of Southwest quarter; South half of Southeast quarter of Southwest quarter; North half of Southeast quarter of Section 11.

no All of Section 12.

no All of Section 13.

no North half of Northwest quarter of Northeast quarter; North half of Southwest quarter of Northeast quarter; South half of Northwest quarter of Northwest quarter; North half of Southeast quarter of Northwest quarter of Section 15.

All of Section 16. c 23500

no North half; North half of South half; North half of Southeast quarter of Southwest quarter; Southeast quarter of Southeast quarter of Section 17.

no North half of North half of Northeast quarter; North half of South half of Northeast quarter; South half of Lot 1 of Section 19.

no Northwest quarter of Northeast quarter; Southeast quarter of Northeast quarter; Northeast quarter of Northwest quarter; Southwest quarter of Northwest quarter of Section 22.

no Southeast quarter of Northeast quarter; North half of Northwest quarter; Southwest quarter of Northwest quarter; South half of Southeast quarter of Northwest quarter; Northwest quarter of Southwest quarter; South half of Northeast quarter of Southwest quarter; South half of South half of Southwest quarter of Section 23.

no All of Section 24.

PARCEL 17. Township 37 South of Range 32 $\frac{1}{2}$ East of the
Willamette Meridian.

South half of Section 4. A 13633 (C 11105)

Lots 2, 3 and 4; Southwest quarter of Northeast quarter;
South half of Northwest quarter; Northwest quarter of
Southwest quarter; Southeast quarter of Southeast quarter
of Section 5. C 11105

no All of Section 11.

PARCEL 18. Township 33 South of Range 32-3/4 East of the
Willamette Meridian.

no Southeast quarter of Southeast quarter of Section 23.

no East half of Southwest quarter; Southwest quarter of
Southwest quarter; Northwest quarter of Southeast quarter;
East half of Southeast quarter of Section 24.

no Southeast quarter of Northeast quarter of Section 25.

no North half of Northeast quarter; Southwest quarter of
Northeast quarter; Southeast quarter of Northwest quarter
of Section 26.

PARCEL 19. Township 34 South of Range 32-3/4 East of the
Willamette Meridian.

no Lots 1 and 2; South half of Northeast quarter; South
half of Southwest quarter; Southeast quarter of Section 1.

no South half of Southeast quarter of Section 2.

no Southeast quarter of Section 11.

no North half of North half of Section 12.

no Northwest quarter; North half of Southwest quarter of
Section 13.

no Northeast quarter; East half of Northwest quarter;
Southwest quarter; West half of Southeast quarter; North-
east quarter of Southeast quarter of Section 14.

no All of Section 16.

no South half of Section 20.

no Southeast quarter of Section 21.

no Southeast quarter of Northeast quarter; South half of
Section 22.

- no Northwest quarter of Section 23.
- no East half of Southeast quarter of Section 24.
- no Northeast quarter of Northeast quarter of Section 25.
- no West half of Northeast quarter; West half of Section 26.
- no North half; Southwest quarter of Section 27.
- no North half of Section 29.
- no North half; East half of Southwest quarter; Southeast quarter of Section 34.

PARCEL 20. Township 35 South of Range 32-3/4 East of the
Willamette Meridian.

- no West half of Southwest quarter of Section 1.
- no Lot 4; Southwest quarter of Northwest quarter of Section 2.
- no Lots 1, 2 and 3; South half of Northeast quarter; Southeast quarter of Northwest quarter of Section 3.
- no Southeast quarter of Northeast quarter; Southeast quarter of Southwest quarter; Southeast quarter of Section 7.
- no South half of Northwest quarter; Southwest quarter of Section 8.
- no East half of Southeast quarter of Section 9.
- no Southwest quarter of Northeast quarter; South half of Northwest quarter; South half of Section 10.
- no South half of the North half; South half of Section 11.
- no West half of Section 12.
- no West half of Northeast quarter; Northwest quarter of Section 13.
- no All of Section 14.
- no All of Section 15.
- no Northeast quarter of Section 16.
- no Northwest quarter of Northwest quarter of Section 17.
- no North half of Northeast quarter; Northeast quarter of Northwest quarter of Section 18.

7
w Lots 1, 2, 3 and 4; East half of West half; East half of Section 19.

w Southwest quarter of Southwest quarter of Section 21.

w South half of South half of Section 22.

w North half of Northeast quarter; Northeast quarter of Northwest quarter of Section 22.

w Northwest quarter of Section 23.

w North half; North half of Southwest quarter; Northwest quarter of Southeast quarter of Section 27.

w Northwest quarter of Northwest quarter; Northeast quarter of Southeast quarter of Section 28.

North half of Northeast quarter; Southwest quarter of Northeast quarter; West half; Southeast quarter of Section 29.

East half of Northeast quarter; Northeast quarter of Southeast quarter; West half of east half; East half of West half; Lots 1, 2, 3 and 4 of Section 30.

East half of Northeast quarter; Northwest quarter of Northeast quarter; East half of Northwest quarter; Lots 1, 2, 3 and 4; Northeast quarter of Southwest quarter; Southwest quarter of Southeast quarter of Section 31.

North half of Northeast quarter of Northeast quarter; West half of Northeast quarter; Southeast quarter of Northeast quarter; East half of Northwest quarter; Northwest quarter of Northwest quarter; West half of Southwest quarter; Southeast quarter of Southwest quarter; Southeast quarter of Section 33.

Southwest quarter of Northeast quarter; Southeast quarter of Northwest quarter; Southwest quarter; North half of Southeast quarter; Southeast quarter of Southeast quarter of Section 35.

w PARCEL 21. Township 35 $\frac{1}{2}$ South, Range 32-3 $\frac{1}{4}$ East of the Willamette Meridian:

Lots 1, 2, 3, 4 and 5; Southeast quarter of Southwest quarter; South half of Southeast quarter of Section 19.

Lots 1, 2, 3 and 4; South half of South half of Section 20.

Lots 1, 2, 3 and 4; South half of South half of Section 21.

Lots 1, 2, 3 and 4; South half of South half of Section 22.

Lots 1, 2, 3 and 4; South half of South half of Section 23.
Lots 1 and 2; South half of Southeast quarter of Section 24.

East half of Northwest quarter; Northwest quarter of Northwest quarter; North half of Northeast quarter; Southwest quarter of Northeast quarter; Northeast quarter of Southwest quarter; Southeast quarter of Southeast quarter; Northeast quarter of Southeast quarter of Section 25.

Northwest quarter of Northeast quarter; Northwest quarter; North half of Southwest quarter; Southwest quarter of Southwest quarter of Section 26.

All of Section 27.

All of Section 28.

All of Section 29.

Lots 1, 2, 3 and 4; East half of West half; East half of Section 30.

Lots 1, 2, 3 and 4; East half of West half; East half of Section 31.

All of Section 32.

All of Section 33.

All of Section 34.

North half of Northeast quarter; Southwest quarter of Northeast quarter; South half of Northwest quarter; Northwest quarter of Southeast quarter; South half of South half of Section 35.

PARTIAL 22. Township 36 South, Range 32-3/4 East of the Willamette Meridian:

Lots 1, 2 and 3; South half of Northwest quarter; Southwest quarter; South half of Southeast quarter; Southwest quarter of Northeast quarter of Section 1.

Lots 3 and 4; South half of Northwest quarter; Southwest quarter of Section 2.

Lots 1, 2, 3 and 4; South half of North half; South half of Section 3.

Lots 1, 2, 3 and 4; South half of North half; South half of Section 4.

Lots 1, 2, 3 and 4; South half of North half; South half of Section 5.

20 } Lots 1, 2, 3, 4, 5, 6 and 7; South half of Northeast quarter; Southeast quarter of Northwest quarter; East half of Southwest quarter; Southeast quarter of Section 6.

Lots 1, 2, 3 and 4; East half of West half; East half of Section 7.

All of Section 8.

All of Section 9.

All of Section 10.

Southeast quarter of Northeast quarter; West half; South half of Southeast quarter of Section 11.

All of Section 15.

All of Section 16. Appl 20295

All of Section 17. C 23510

20 } Lots 1, 2, 3 and 4; East half of West half; East half of Section 18.

Lots 1, 2, 3 and 4; East half of West half; East half of Section 19. Appl 20295

North half; North half of South half; South half of Southwest quarter; Southwest quarter of Southeast quarter of Section 20. C 23511 Appl 20295

All of Section 21. C 23511 Appl 20295 994

20 } All of Section 22.

Southwest quarter of Southeast quarter of Section 28. C 1989

All of Section 29. Appl 20295

20 } Northeast quarter of Northeast quarter of Section 32.

East half of East half; Northwest quarter of Northeast quarter of Section 33. C 1989

20 } Southwest quarter of Northwest quarter; West half of Southwest quarter; Southeast quarter of Southwest quarter of Section 34.

20 } North half of Northwest quarter of Section 36.

PARCEL 23. Township 37 South, Range 32-3/4 East of the Willamette Meridian

220 { Lots 3 and 4; South half of Northwest quarter; Southwest quarter; Northwest quarter of Southeast quarter; Southeast quarter of Southeast quarter of Section 3.

Lot 1 of Section 4.

Northwest quarter of Northwest quarter of Section 27.

Northeast quarter of Northeast quarter of Section 28.

220 PARCEL 24. Township 33 South, Range 33 East of the Willamette Meridian:

South half of North half; South half of Southwest quarter; Northeast quarter of Southeast quarter; Southwest quarter of Southeast quarter of Section 8.

North half of southwest quarter; West half of Southeast quarter; Southeast quarter of Southeast quarter of Section 9.

South half of Southwest quarter of Section 10.

North half of Northwest quarter of Section 15.

East half; East half of Northwest quarter; Northwest quarter of Northwest quarter; Southeast quarter of Southwest quarter of Section 16.

Southwest quarter of Northwest quarter of Section 17.

South half of South half of Section 20.

South half of Northwest quarter; North half of South half; Southeast quarter of Southeast quarter of Section 21.

Southwest quarter; East half of Southeast quarter; Southwest quarter of Southeast quarter of Section 22.

Southwest quarter of Southwest quarter of Section 23.

Northwest quarter of Northwest quarter; Southwest quarter of Southwest quarter of Section 26.

South half of Section 27.

Southeast quarter of Northeast quarter; Northwest quarter of Northwest quarter; South half of Southwest quarter; Southeast quarter of Southeast quarter of Section 28.

North half of North half; Southwest quarter of Northwest quarter; Southwest quarter; South half of Southeast quarter of Section 29.

North half of Northeast quarter; Southeast quarter of Northeast quarter; Northeast quarter of Northwest quarter; of Section 32.

North half of Northeast quarter; Northwest quarter of Section 33.

Northwest quarter of Northeast quarter; North half of Northwest quarter; Southeast quarter of Northwest quarter of Section 34.

PARCEL 25. Township 34 South, Range 33 East of the Willamette Meridians:

South half of Southwest quarter of Section 4.

Lots 1, 2, 3 and 4; South half of North half; North half of South half; South half of Southwest quarter; Southeast quarter of Southeast quarter of Section 5.

Northeast quarter; North half of Northwest quarter of Section 8.

West half of Northwest quarter of Section 9.

South half of Northwest quarter; Southwest quarter of Section 15.

Southeast quarter of Northeast quarter; East half of Southeast quarter of Section 17.

All of Section 20.

South half of Northeast quarter; West half of Northwest quarter; Southeast quarter of Northwest quarter; Southwest quarter; East half of Southeast quarter of Section 21.

West half of West half; Northeast quarter of Northwest quarter of Section 22.

Northwest quarter of Northwest quarter of Section 27.

Northeast quarter of Northeast quarter of Section 28.

North half of North half of Section 29.

PARCEL 26. Township 35 South, Range 33 East of the Willamette Meridians:

South half of Northeast quarter of Northeast quarter; North half of Northwest quarter; Southeast quarter of Northwest quarter; North half of Southwest quarter of Northwest quarter; Northwest quarter of Southwest quarter; North half of Southwest quarter of Northwest quarter of Section 15.

Lot 3; South half of Lot 4; West half of Southeast quarter; North half of Northeast quarter of Southeast quarter; Southeast quarter of Southeast quarter of Section 17.

Lots 1, 2 and 3; East half of Section 20.

no West half of Northwest quarter; South half of Northwest quarter of Southwest quarter; Southwest quarter of Southwest quarter; North half of Northeast quarter; North half of Southwest quarter of Northeast quarter; South half of Southeast quarter of Northeast quarter; East half of Northwest quarter; South half of Northeast quarter of Southwest quarter; Southeast quarter of Southwest quarter; Northeast quarter of Southeast quarter; South half of Northwest quarter of Southeast quarter; Southwest quarter of Southeast quarter; North half of Southeast quarter of Southeast quarter of Section 21.

no South half of South half of Southeast quarter of Northeast quarter; South half of Southwest quarter of Southeast quarter; South half of South half of Northeast quarter of Southeast quarter of Section 23.

no South half of North half of Northeast quarter of Northeast quarter; South half of South half of Northeast quarter of Northeast quarter; North half of Northwest quarter of Northeast quarter; South half of Northeast quarter; East half of Northwest quarter; Southwest quarter of Northwest quarter; North half of North half of Northwest quarter of Northwest quarter; South half of Northwest quarter of Northwest quarter; North half of North half of Northwest quarter of Southwest quarter; South half of South half of Northwest quarter of Southwest quarter; South half of North half of Northeast quarter of Southwest quarter; South half of South half of Northeast quarter of Southwest quarter; Northeast quarter of Southeast quarter; North half of South half of Northwest quarter of Southeast quarter; South half of South half; North half of South half of Northeast quarter of Southwest quarter of Section 25.

x South half of Section 26. A 32251

no East half of East half; South half of Northwest quarter of Northeast quarter; Southwest quarter of Northeast quarter; West half of Southeast quarter; Lots 1, 2 and 4; North half of Lot 3 of Section 29.

no Northeast quarter; North half of Northeast quarter of Northwest quarter; Northwest quarter of Northwest quarter; North half of Southwest quarter of Northwest quarter; Southeast quarter of Northwest quarter; East half of Southwest quarter; Southwest quarter of Southwest quarter; West half of Southeast quarter; North half of Northeast quarter of Southeast quarter; South half of Southeast quarter of Southeast quarter of Section 33.

North three-quarters of Northeast quarter of Northeast quarter; West half of Northeast quarter; Southeast quarter of Northeast quarter; North three-quarters of Northwest quarter of Northwest quarter; Southeast quarter of Northwest quarter; All that portion of the Northwest quarter of Northwest quarter and North half of North half of Southwest quarter of Northwest quarter of Section 35 lying East of a diagonal line extending from the Northwest corner of Section 35 to the Southeast corner of the North half of North half of Southwest quarter of Northwest quarter; South three-quarters of Northeast quarter of Southwest quarter; Southeast quarter of Southwest quarter; North half of Northeast quarter of Southeast quarter; South half of South half of Northeast quarter of Southeast quarter; South half of North half of Northwest quarter of Southeast quarter; North half of South half of Northwest quarter of Southeast quarter; South half of Southeast quarter of Section 35. Appl 32251 d 20719 Appl 28563

West half of Section 36. Ap 32251

PARCEL 27. Township 36 South, Range 33 East of the Willamette Meridian:

North half of Lot 1; South half of North half of Lot 2; South half of Lot 2; North half of North half of Lot 3; South half of South half of Lot 3; South half of North half of Southeast quarter of Northwest quarter; South half of North half of Northeast quarter of Southwest quarter; North half of South half of Northeast quarter of Southwest quarter; North half of North half of Northwest quarter of Southeast quarter; South half of South half of Lot 1; South half of North half of Southwest quarter of Northeast quarter; South half of Southwest quarter of Northeast quarter; Southeast quarter of Northeast quarter; North half of South half of Lot 3; Lot 4; North half of Southwest quarter of Northwest quarter; South half of South half of Southwest quarter of Northwest quarter; North half of North half of Southeast quarter of Northwest quarter; South half of South half of Southeast quarter of Northwest quarter; North half of North half of Northeast quarter of Southwest quarter; South half of South half of Northeast quarter of Southwest quarter; North half of North half of Northwest quarter of Southwest quarter; South half of Northwest quarter of Southwest quarter; South half of North half of Northeast quarter of Southeast quarter; South half of North half of Southeast quarter; South half of South half of Section 1. Appl 28563, Appl 32251, d 20719

Lots 1, 2, 3 and 4; South half of North half; South half of Section 2. d 20719, Appl 28563 Appl 32251

South half of North half of Lot 1; South half of South half of Lot 1; North half of Lot 2; North half of North half of Southwest quarter of Northeast quarter; South half of Southwest quarter of Northeast quarter; Southeast quarter of Northeast quarter;

Northeast quarter of Southeast quarter; North half of North half of Southeast quarter of Southeast quarter; South half of Southeast quarter of Southeast quarter; North half of North half of Lot 3; South half of Lot 3; South half of North half of Lot 4; South half of Lot 4; North three-quarters of Southwest quarter of Northwest quarter; South half of Southeast quarter of Northwest quarter; West half of Southwest quarter; Northeast quarter of Southwest quarter; South three-quarters of Southeast quarter of Southwest quarter; North three-quarters of Northwest quarter of Southeast quarter; North half of Southwest quarter of Southeast quarter; South half of South half of Southwest quarter of Southeast quarter of Section 3.

App 28563, App 32251, C 20919

Lots 3 and 4; South half of Northwest quarter; Southwest quarter of Section 4. App 28563 & 20919

no Lots 1, 2, 3 and 4; North half of Southeast quarter of Northeast quarter; Southwest quarter of Northeast quarter; North half of South half; North half of South half of Southwest quarter; South half of Southwest quarter of Southeast quarter; Southeast quarter of Southeast quarter of Section 5.

no North half of Northeast quarter of Northwest quarter; East half of Northeast quarter; Northwest quarter of Northeast quarter; South half of Southwest quarter of Northeast quarter; West half of Northwest quarter; Southeast quarter of Northwest quarter; South half of Northeast quarter of Northwest quarter; North half of South half; South half of Lot 4; North half of Southeast quarter of Southwest quarter; North half of South half of Southeast quarter of Section 7.

no North half of Northeast quarter of Northwest quarter; South half of Northeast quarter of Northeast quarter; Southeast quarter of Northeast quarter; West half of Northeast quarter; South half of Northeast quarter of Northwest quarter; West half of Northwest quarter; South half of Southeast quarter of Northwest quarter; North half of Southwest quarter of Southwest quarter; East half of Southwest quarter; Southeast quarter of Section 9.

All of Section 10. App 28563 & 20919

East half of East half; Northwest quarter of Northeast quarter; South half of Southwest quarter of Northeast quarter; Northwest quarter of Southeast quarter; South half of Southwest quarter of Southeast quarter; West half of Section 11. C 20919 App 28563

All of Section 12. App 28563, C 20919

Northwest quarter; West half of Southwest quarter; Northeast quarter of Southwest quarter; Northwest quarter of Southeast quarter of Section 13. App 28563, C 20919

All of Section 14

East half of Northeast quarter; North half of Northwest quarter of Northeast quarter; Southwest quarter of Northeast quarter; Northeast quarter of Northwest quarter; North half of Northwest quarter of Northwest quarter; South half of Southwest quarter of Northwest quarter; North half of Southeast quarter of Northwest quarter; South half of Section 15. App 128563, & 20719

Northeast quarter of Northwest quarter of Section 16.

South half of Northeast quarter of Northeast quarter; Northwest quarter of Northeast quarter; North half of Southwest quarter of Northeast quarter; Southeast quarter of Northeast quarter; Southeast quarter of Northwest quarter; West half of Northwest quarter; South half of North half of Southwest quarter; North half of Southeast quarter of Southwest quarter; South half of Northwest quarter of Southeast quarter of Section 17.

Lot 4; Southeast quarter of Southwest quarter of Section 18.

Northeast quarter of Northeast quarter of Section 21.

Lots 1, 2, 3 and 4; Northwest quarter of Section 22.

Lots 1, 2, 3, 4 and 5 of Section 23.

PARCEL 28. Township 37 South, Range 33 East of the Willamette Meridian:

Lots 6 and 7; East half of Southwest quarter; South half of Southeast quarter of Section 6.

Northeast quarter of Northeast quarter of Section 7.

Northwest quarter of Northwest quarter of Section 8.

PARCEL 29. Township 36 South, Range 34 East of the Willamette Meridian:

Lots 4, 5, 6 and 7 of Section 6.

South half of Lot 1; Lots 2, 3 and 4 of Section 7. (2030

Lot 1 of Section 18.

West half of Northeast quarter; Northeast quarter of Southwest quarter; Northwest quarter of Southeast quarter of Section 27.

PARCEL 30. Township 29 South, Range 15 East of the Willamette Meridian:

Southwest quarter of Southeast quarter of Section 23.

Appl.	Per.		Quantity	Use	Source	Priority	Location
18476	15008	Eastern Ore. Livestock Co.	25.0 cfs	irrigation	Eckhardt Cr. & H.L. Res.	Nov. 20, 1939	
R-18475	R-766	Eastern Ore. Livestock Co.	Storage of 130 a.f.	irrigation	Eckhardt, H. L. & Spring Crs.	Nov. 20, 1939	Sec. 30, T. 35 $\frac{1}{2}$ S., R. 32 $\frac{1}{2}$ E.
22103	17419	Gill Cattle Co.	25.0 cfs	stock	Unnamed stream	Nov. 20, 1946	Sec. 30, T. 32 S., R. 32 E.
22104	17420	Gill Cattle Co.	25.0 cfs	stock	Unnamed stream	Nov. 20, 1946	Sec. 7, T. 33 S., R. 32 E.
R-21001	R-838	Gill Cattle Co.	Storage of 1600 a.f.	irrigation	Three Mile Cr.	July 23, 1945	Sec. 36, T. 35 S., R. 32 E.
21002	16911	Gill Cattle Co.	14.0 cfs	irrigation	Three Mile Cr. & Res.	July 23, 1945	Secs. 26 & 35, T. 35 S., R. 32 E.
20295	15832	Fred Gill & Sons	12.53 cfs	irrigation	Big & Little Skull Crs. & Res.	June 20, 1944	T. 36 S., R. 32 $\frac{3}{4}$ E.
R-20294	R-796	Fred Gill & Sons	Storage of 820 a.f.	irrigation	Big & Little Skull Crs.	June 20, 1944	Sec. 21, T. 36 S., R. 32 $\frac{3}{4}$ E.

$$\begin{array}{r} 127 \\ 63 \\ \hline 64 \end{array}$$

Ros apparently empty & present water level represents dead storage.

low water contour = 92 Acres

High water ^{contour} with Island presumed to be covered = 20.6 Acres.

spillway crest to

R.W.S. = 76.2

B:11 R.

(See Instruction Sheet)
PRELIMINARY DATA FOR PROOF OF RESERVOIRS

Owner: Allied
Name of Reservoir: H. Lee

Application #: R-18420
Permit #: R-766

Determine the elevations of the following points, assumed datum.

1. Crest of dam at point of maximum fill: 0'
2. Lowest point on crest of dam: -2'
3. High storage mark: Water level at time of inspection -12'
4. Spillway crest: -16'
5. Downstream ^{top} invert of conduit: -12' ? Upstream ^{top} invert of conduit: -14' ?
6. Natural stream bed at downstream toe: -15'

- DAM -

7. Length of dam along crest center line: _____
8. Crest width at narrowest point: 14'
9. Embankment slopes, Upstream: -12' : 1', Downstream: -15' : 15'
10. Remarks: No Erosion

- SPILLWAY -

11. Cross section on spillway control, looking downstream, depth datum referred to Item 2.
Left Depth 8' wide x 4' dp. x 17 ft long Right
Distance _____
12. Slope of spillway discharge channel: Can't tell Location: 50' from Right Side
13. Remarks: _____

- CONDUIT AND CONTROL WORKS -

14. Conduit Diameter: 18" (approx.), Type of pipe: Corrugated
15. Location: 50' feet from Left end of dam.
16. Type and model of gate: Lift Gate
17. Type and model of control works: Wheel

18. Remarks as to condition of conduit and control works: _____

19. I, Thomas R. Lauer, do hereby certify that I have made an inspection of the works as described in Permit # R-766, on the 22 & 23 day of May, 19 67, and found the foregoing statements and descriptions of works to be accurate. I find the maximum surface area to be _____ acres.

Thomas R. Lauer Field Engineer
Name and Title

I, _____, do hereby certify that I have examined the above statements, and have compared this data to the approved plans and specifications. In my opinion the appropriation has been completed to the extent of _____ acre feet.

Name and Title

(15) Conduit buried (covered by sand) on upstream side

**STATE
ENGINEER**

WATER RESOURCES DEPARTMENT

516 PUBLIC SERVICE BUILDING • SALEM, OREGON • 97310 • Ph 364-2171

August 18, 1970

FILE NO. R-18475
18476

Allied Land and Livestock Company
420 Taylor Street
San Francisco, California

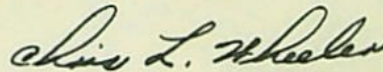
Gentlemen:

Enclosed is the final proof in connection with the incomplete water right represented by your permit No.s R-766 and 15008.

The data contained in the proof, which is based on an inspection and survey of your project made by a representative of this department, defines the extent to which your water right has been completed within the terms of your permit. The proof should be dated and signed by you and returned to this office.

Upon receipt of the proof, properly executed and accompanied by the statutory recording fee of \$1, a certificate of water right will be issued confirming the right thereunder and, after being recorded in the county records, will be forwarded to you.

Very truly yours,



CHRIS L. WHEELER
State Engineer

Form 117

Enclosure

"Please submit \$1.00 for each permit"

cjs

WATERMASTER DISTRICT NO. 10
COUNTY COURTHOUSE
P. O. BOX 948-242
BURNS 97720
TEL. 573-2591



STATE OF OREGON
STATE ENGINEER
WATER RESOURCES DEPARTMENT

RECEIVED
JUL 13 1970
STATE ENGINEER
SALEM, OREGON

WATER DISTRIBUTION
HYDROGRAPHIC SURVEYS
SNOW SURVEYS

REFER TO
FILE NO. _____

July 9, 1970

State Engineer
516 Public Service Bldg.
Salem, Oregon 97310

At: A. M. Petska;

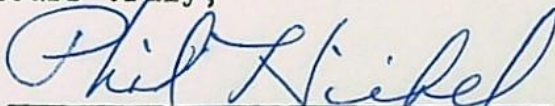
Dear Mr. Petska;

This is in response to your letter of July 3, 1970, in which you requested information on the current condition of a breach in the Eckhardt Creek Reservoir dam belonging to the Roaring Springs Ranch. I have assumed that this is the reservoir under Permit No. R-766 to Eastern Oregon Livestock Company. The permit gives its name as "H. L. Reservoir" and it is located on the H.L.Ranch.

I inspected the reservoir Wednesday forenoon, July 8, on my return from Trout Creek and found the old breach has been patched up and the reservoir is being used as specified in the permit. I stopped at the Roaring Ranch and talked to the present foreman, Frank Erb, (Johnny Ringo has not been foreman for some time). Mr. Erb told me that Ringo had patched up the dam and that normal use had been made of the reservoir. However, he (Mr. Erb) intends to widen the fill in the old breach as soon as convenient, to make the operation of the reservoir safer.

Trusting this is the information you desired, I am

Yours truly,


Phillip W. Hiibel, Watermaster

copy Frank Erb

PHph

R-18475
18476

July 3, 1970

Phil Hiibel
Watermaster District No. 10
P. O. Box 242
Burns, Oregon 97720

Dear Mr. Hiibel:

In 1968 engineers from this office performed a field inspection of the Eckhardt Creek Reservoir belonging to the Roaring Springs Ranch Allied Properties, and at that time reported that the dam had been breached. on one end.

In August of 1968, Mr. Johnny Ringo, the manager, advised that he intended to plug the hole in the dike at the reservoir. Subsequent correspondence with Mr. Ringo has not been responded to; and on your next trip through this area, would you inspect this project and advise if this hole has been plugged up and if this reservoir is operating in accordance with the terms of a permit.

Very truly yours,

A. M. Petska
Engineer

AMP:lra

R-18475
18476

June 2, 1970

Johnny Ringo
Roaring Springs Ranch
Allied Properties
Franchglen, Oregon 97736

Dear Mr. Ringo:

Would you please advise as to the status of Eckhardt Creek Reservoir which was reported in 1969 to have been breached. Your intention at that time was to plug up the hole in the dike.

Very truly yours,

A. M. Petska
Engineer

AMP:lss

R-18475
18476

December 8, 1969

Johnny Ringo
Roaring Springs Ranch
Allied Properties
Frenchglen, Oregon 97736

Dear Mr. Ringo:

On September 17, 1968, you advised this office that you intend plugging the hole in the dike for your Eckhardt Creek Reservoir as discussed in my letter of August 20, 1968. This breach was noted by final proof surveyors August 5, 1968.

Would you please advise this office if this breach has been plugged and if the reservoir stored water during the 1969 season.

Very truly yours,

A. M. Petska
Engineer

AMP:lsa

cc: Merle Clark
Watermaster District No. 10



STATE OF OREGON
STATE ENGINEER
WATER RESOURCES DEPARTMENT
516 PUBLIC SERVICE BUILDING
SALEM 97310

R-18475
REFER TO FILE NO. 18476

September 17, 1968

RECEIVED
SEP 24 1968
STATE ENGINEER
SALEM OREGON

Johnny Ringo
Roaring Springs Ranch
Allied Properties
Frenchglen, Oregon

Dear Mr. Ringo:

Would you please advise as to your intentions regarding the Eckhardt Creek Reservoir as previously discussed in my letter of August 20, 1968.

Very truly yours,

CHRIS L. WHEELER
State Engineer

By 
A. M. Petska
Engineer

AMP:pju

Sir:
I intend to plug up the hole in the dike at the reservoir.

Sincerely
Johnny Ringo

September 17, 1968

Johnny Ringo
Roaring Springs Ranch
Allied Properties
Frenchglen, Oregon

Dear Mr. Ringo:

Would you please advise as to your intentions regarding the Eckhardt Creek Reservoir as previously discussed in my letter of August 20, 1968.

Very truly yours,

CHRIS L. WHEELER
State Engineer

By
A. M. Petska
Engineer

AMP:pju

August 20, 1968

Johnny Ringo
Roaring Springs Ranch
Allied Properties
French Glen, Oregon

Dear Mr. Ringo:

On August 5, 1968, engineers from this office performed a final proof inspection on your Eckhardt Creek Reservoir. The engineers report that the dam has been breached near its west end. The field engineer further advises that you intend to rebuild this structure this fall and are considering enlargement. In the event you intend to reconstruct the dam to the same height and have the reservoir impounding the 130 acre feet called for under Permit No. R-766, we will only require very brief plans from a Registered Engineer showing how this is to be accomplished. If, however, you intend to enlarge this reservoir to something more than the 130 acre feet, it will be necessary that applications for permits be filed with the State Engineer together with plans and specifications from a Registered Professional Engineer and these plans should be in sufficient detail to adequately define the project to be constructed as well as a topographic map of the reservoir area with area and capacity curves computed therefrom.

For your convenience in making these filings, I have enclosed the appropriate application forms and a booklet of Rules and Regulations of the State Engineer.

Very truly yours,

CHRIS L. WHEELER
State Engineer

By
A. M. Fetska
Engineer

AMP:pju
enclosure

R-18475
18476
22103
22104
R-21001
21002
R-20294
20295

August 4, 1959

Mr. George W. Paulin
Vice President
Allied Land and Livestock Company
Four twenty Taylor Street
San Francisco 2, California

Dear Mr. Paulin:

I have checked the list of properties which you furnished with our records. Most of the rights appurtenant to these lands have been completed by issuance of the final certificate and three permits have already been assigned to Allied Properties. There remains four permits still in the name of Gill Cattle Company and two permits still in the name of Eastern Livestock Company and two in the name of Fred Gill and Sons. A brief description of these rights is attached. It would be advisable to obtain assignments of all the permits and submit them to this office so we may change our records accordingly. If it is impossible to obtain the signature of an authorized representative of Eastern Oregon Livestock Co., will you please so advise.

The completion notices on all these permits have been submitted, however, the final proof survey has not yet been made.

Very truly yours,

LEWIS A. STANLEY
State Engineer

By
Trevor Jones, Assistant

TJ:rb

April 21, 1945

Casey & Kriesien
Attorneys at Law
Tonowana Building
Burns, Oregon

Attention: Mr. R. E. Kriesien

Dear Mr. Kriesien:

This acknowledges receipt of your letter of April 19 with which you enclosed Form C, being notice of complete application of water under Permits No. R-766 and 15008 in the name of Eastern Oregon Livestock Co.

Pursuant to the report and in line with the general practice of this office, a survey will be made at a later date for the purpose of checking the acreage actually irrigated. After this survey, proof may be made and certificates issued covering the lands which the survey shows to have been irrigated, and any lands described in the permits that have not been irrigated will be automatically eliminated from the water rights.

In the meantime, the permits which are held will be valid evidence of the water rights.

Very truly yours,

CHAS. E. STRICKLIN
State Engineer

by

Ed K. Humphrey, Assistant

EKH:sjo

April 3, 1945

Eastern Oregon Livestock Co.
Frenchglen, Oregon

Attention: Mr. J. B. Pine, Manager

Dear Mr. Pine:

If all of the 660 acres which it is intended to irrigate, from Eckhardt Creek and R. L. Creek under Permits No. R-766 and No. 15008, at any time has actually been irrigated, it should be so indicated by filling out and mailing to this office the enclosed Form C.

If all of the acreage which it is intended to irrigate under the above permits has not been irrigated, an application for an extension of time should be executed before a notary public on the enclosed form and mailed to the State Engineer at your early convenience because the time for complete application of water expired October 1, 1944.

Very truly yours,

CHAS. E. STRICKLIN
State Engineer

by

Ed K. Humphrey, Assistant

EHK:mjo

Enclosures 2

c.c. Casey and Kriesien
Attorneys at Law
Burns, Oregon

R-18475
18476
R-20294
20295

March 2, 1945

Casey and Kriesien
Attorneys at law
Tonnawan Building
Burns, Oregon

Attention: Mr. R. E. Kriesien

Dear Mr. Kriesien:

This will acknowledge receipt of your letter of February 26 relative to permits in the name of Eastern Oregon Livestock Company and Fred Gill and Sons.

As I interpret your letter, water under Permit No. 15008 which is in the name of the Eastern Oregon Livestock Company and which grants a right to the use of 25.9 cubic feet per second from Eckhardt Creek and R. L. Reservoir has been completely applied to the use contemplated, and if this is the case, that is if all of the 660.1 acres described in the permit have actually been irrigated, it should be so reported by filling out and submitting to this office the enclosed Form C. No report of complete application of water has been submitted in connection with this permit.

For your convenience in reporting progress under Permit No. R-796 in the name of Fred Gill and Sons granting a right to construct a reservoir and store 820 acre feet from Big Skull Creek and Little Skull Creek and Permit No. 15032 in the name of Fred Gill and Sons granting a right to the use of 12.59 cubic feet per second from Big Skull Creek and Little Skull Creek and reservoir, I am enclosing forms herewith.

Complete application of water under an irrigation permit means the actual irrigation of all of the lands described in the permit that it is intended to irrigate at any time.

Very truly yours,

CHAS. E. STRICKLIN
State Engineer

by

Ed K. Humphrey, Assistant

ENR:mjo

Enclosures 6

January 9, 1942

Mr. H. C. Warren, Inspector
Fish Commission of Oregon
Oregon Building
Portland, Oregon

Dear Mr. Warren:

In reply to your letter of January 8, 1942, in which you inquire concerning the mailing address of the Eastern Oregon Livestock Company in connection with Applications No. R-18261 and No. R-18475, which have been approved by issuance of Permits No. R-767 and No. R-766, respectively, these applications were filed by Mr. Rhea Luper, acting for the Eastern Oregon Livestock Company, and some correspondence relative to the applications since they were filed has been in the name of Mr. J. B. Fine, Manager of the Eastern Oregon Livestock Company at Frenchglen, Oregon.

Mr. Luper's address at the time of the filing was 5707 S. E. 94th Street, Portland, Oregon.

Very truly yours,

CHAS. E. STRICKLIN
State Engineer

By

Ed K. Humphrey, Assistant

EKH:vd



COMMISSIONERS:

JOHN C. VEATCH, CHAIRMAN, PORTLAND

MERLE R. CHESSMAN . . . ASTORIA

~~S. S. RICE~~ . . . ~~Medford~~

L. A. CUTLIP NORTH BEND

FISH COMMISSION OF OREGON

OREGON BUILDING, FIFTH AND OAK STREETS

PORTLAND, OREGON

January 8, 1942

RECEIVED

JAN 9 1942

STATE ENGINEER
SALEM, OREGON

Chas. E. Stricklin
State Engineer
Salem, Oregon

Dear Sir:

May we request that your office forward to this department the mailing address of the Eastern Oregon Livestock Company, to whom has been issued a water-user's permit?

Your file numbers are R-18475 and R-18261.

Thanking you for past favors, and your cooperation in this matter, I remain,

Very truly yours,

M. T. HOY
MASTER FISH WARDEN

By H. C. Warren
H. C. Warren, Inspector

H
C
N
:
M
W

September 15, 1941

Eastern Oregon Livestock Co.
Frenchglen, Oregon

Gentlemen:

Herewith you will find Application No. R-18475,
Permit No. R-766, together with blue print.

The application has been approved and recorded
in this office.

PLEASE READ CAREFULLY THE FOLLOWING INSTRUCTIONS:

Your permit has been recorded in this office, but
you should hold the original as evidence of your water right un-
less the land described therein is disposed of. In that event
you should file an assignment to the new owner for record in this
office. Assignment blanks will be furnished upon request.

Whenever a measuring device becomes necessary for
the proper distribution of water the permittee will be required
to install one to the satisfaction of the State Engineer as pro-
vided by Section 116-501, O. C. L. A.

As it appears from the statements made in your ap-
plication that all construction has been done and the appropriation
completed, the matter of final proof and issuance of a certificate
of water right will be given attention as soon as notice of complete
application of water has been received under your secondary Permit
No. 15008.

Very truly yours,

CHAS. E. STRICKLIN
State Engineer

By

Ed K. Humphrey, Assistant

FORM No. 111
encls.

July 15, 1941

Mr. Chas. E. Stricklin
State Engineer
Building

Re: Application No. R-18475

Dear Sir:

To comply with your instructions, I made an investigation on July 8, 1941, of the H. L. Dam to determine whether its failure would result in damage to life or property. During the investigation, I was accompanied by Mr. J. B. Fine, Manager of the Eastern Oregon Livestock Company.

On November 20, 1939, the office of the State Engineer received from Mr. Rhea Luper the application of the Eastern Oregon Livestock Company for a permit to construct a reservoir and store for beneficial use the waters of Eckhardt Creek, tributary of Skull Creek, and H. L. Creek and Spring Creek, tributaries of Catlow Valley. This application was given number R-18475.

The reservoir, which has been in use for several years, has a storage capacity of 130 acre-feet according to the application, and the impounded water is used for the new and supplemental irrigation of 660.1 acres in Sections 23, 24, 25, Township 35 $\frac{1}{2}$ South, Range 32 East, W. M., and Sections 19 and 30, Township 35 $\frac{1}{2}$ South, Range 32 $\frac{1}{2}$ East, W. M.

The dam which impounds the water in H. L. Reservoir is located in the NW $\frac{1}{4}$ NE $\frac{1}{4}$, Section 30, Township 35 $\frac{1}{2}$ South, Range 32 $\frac{1}{2}$ East, W. M. It is built of earth, has a top length of 430 feet, and the bottom of the 24" corrugated iron outlet pipe is 6.5 feet below the floor of the spillway. The top width varies from 6 to 10 feet. The slopes average about 1 $\frac{1}{2}$ to 1. The outlet pipe, Mr. Fine stated, is set on concrete and rock throughout its length of 42 feet. The head-gate was not visible but the same authority stated that it was steel. It is lifted with a windlass and cable. The attached photograph shows the H. L. Dam and the location of the outlet gate.

July 15, 1941

The spillway is a wooden structure 8.6 feet wide, 3 feet deep, and 16 feet long. It is constructed of 1" boards, and flashboards can be used in it to raise the water above the floor, thus providing more storage, a questionable practice. Mr. Fine stated that 1" sheet piling were driven to a depth of 2.5 to 3 feet under the front end of the spillway, and in the center of the structure 2" sheet piling were driven about the same depth. These cut-off walls extend about 4 feet beyond the sides. The top of the dam is about 5.5 feet above the floor of the spillway, making the total height approximately 12 feet above the bottom of the outlet pipe.

A dyke approximately 200 feet in length and about 5 feet in height located a quarter of a mile southeast of the dam prevents the water from overflowing into Catlow Valley.

The water released from the dam is used for irrigation within a few hundred feet from the head-gate. The area which is irrigated and that which it is proposed to irrigate lie in a compact body, roughly 1-3/4 miles east and west and 5/8 mile north and south. This is a part of Catlow Valley which is shown in the attached photograph.

Catlow Valley is a desert valley located in Southwest Harney County. It is approximately 60 miles long and 20 miles wide, and the few ranches which are located there lie at the foot of the higher areas where water is available for irrigation. Allowed to run without diversion, the stream would soon sink into the desert floor of the valley after spreading out over its flat surface.

At one time a considerable portion of the valley was settled but year after year of drought resulted in the abandonment of the tracts, and with the exception of the comparatively few acres irrigated the valley has returned to sagebrush.

Just below the H. L. Reservoir, the land flattens into the valley proper and a failure of the dam with 130 acre-feet of water in it would result in the water spreading out over the valley without any particular damage to property other than carrying a certain amount of soil and debris over the upper end of the irrigated area which belongs to the Eastern Oregon Livestock

July 15, 1941

Company, the owner of the reservoir. It is hard to conceive of any damage other than above mentioned. One cannot make the positive statement that there would be no danger to life in the event of a failure in the dam. However, unless a person was directly below it at the time of failure and was not cognizant of the danger, it is very unlikely that loss of life would result therefrom.

The dam and dyke, as heretofore mentioned, have been in use several years. The plans and specifications were not submitted to the State Engineer for consideration, and since he had no knowledge of their construction no inspection was made during that period.

No attempt is made herein to advise as to the stability of the dam and dyke as they are today. They have stored water successfully for several years.

In the present case, a failure of the dam with 130 acre-feet stored in the reservoir would result in little, if any, damage and the danger to life may be said to be negligible.

Respectfully submitted,

D. J. McLELLAN

DJMcL:nfh

February 5, 1941

Mr. Rhea Luper
5707 S. E. 94th Street
Portland, Oregon

Dear Mr. Luper:

This will acknowledge receipt of your letter of February 3, together with the tracing and blue print of the storage dam for which Application No. R 18475 was filed.

The plans are incomplete in that the conduit does not show any reinforcing steel. However, I appreciate the problem with which you are confronted in trying to make a plan of an old structure on which little or no information is available as to the details of the manner of its construction. I also appreciate your statement that should this structure fail it would not result in any damage to life or property.

As in your administration, we are endeavoring as fast and as far as possible to have old dams rebuilt so as to render them safe and to prevent disaster such as that resulting from the failure of the Bully Creek Dam in Malheur County. You as State Engineer did some excellent work in this matter and one of the major structures which was rebuilt to meet with your requirements was the dam at the outlet of Wallowa Lake in Wallowa County.

It will be necessary for this department to make an examination of the other proposed dams which are covered by applications for reservoir permits by Mr. Fine and at the same time an examination will be made of this structure, although we may not be any more successful than you have been in securing details as to the type of construction.

Thank you for your cooperation in this matter.

Very truly yours,

CHAS. E. STRICKLIN
State Engineer

CES:nfw

5707 S. E. 94th Street,
Portland, Oregon.
February 3, 1941.

Mr. Chas. E. Stricklin,
State Engineer,
Salem, Oregon.

RECEIVED
FEB 5 1941
STATE ENGINEER
SALEM, OREGON

Dear Mr. Stricklin:

Mr. J. B. Fine has forwarded to me a copy of your letter to the Eastern Oregon Livestock Co. relative to application No. R-18475 and dated December 27th, 1940.

The Dam in question has been in use for many years and this application was filed in order to comply with the water code and place the water-right on record.

I had hoped that you had sufficient information on which to act but in accordance with your request I am enclosing herewith a tracing and print showing profile along the center line of the Dam and two cross sections.

I was not present when this Dam was constructed and therefore the information shown is compiled partly from my own field notes and partly from information supplied me from Mr. J. B. Fine, Supt., and which I believe to be correct.

All of the water entering the reservoir is controlled and there is no natural channel which could produce a flood. The spillway capacity therefore is of little consequence. Also in case of failure the water would merely spread over the large flat area in Catlow Valley and could cause no damage as it would not be confined in a natural channel. You will also note that the maximum depth of water barely exceeds the statutory limit of ten feet giving you jurisdiction in the matter of safety.

I trust that this information will be sufficient to allow you to approve these applications, and that you will advise me very soon if additional information is needed.

Sincerely,

Rhea Luper
Rhea Luper

Civil & Hydraulic Engineer

RL:ol

Copy to J.B. Fine

December 27, 1940

Eastern Oregon Livestock Co.
Frenchglen, Oregon

ATTENTION: J. B. FINE

Gentlemen:

In reply to your letter of December 20, in which you inquire concerning your applications No. 18476 and No. R-18475, this will advise you that after satisfactory plans and specifications covering the dam which figures in these two applications have been submitted to this office, the matter of approval of these applications will be given consideration.

Very truly yours,

CHAS. E. STRICKLIN
State Engineer

By
Ed K. Humphrey, Assistant.

EKH:LH

Frenchglen, Oregon
December 20, 1940

RECEIVED
DEC 24 1940
STATE ENGINEER
SALEM, OREGON

Mr. Chas. E. Stricklin
State Engineer
Salem, Oregon

Dear Sir:

File No. R-18475

I am herewith enclosing a copy of a letter to Mr. Luper relative to applications #18475 and 18476.

It was our understanding from Mr. Luper that all the necessary information for these two particular sites had been furnished your office. These two applications are the ones we are most interested in. Applications #18261 and 1877 are not of any particular interest to us at this time.

We hope the necessary documents can be furnished our office.

Very truly yours,

EASTERN OREGON LIVESTOCK CO.

J. B. Fine
by *L. F.*
J. B. Fine, Mgr.

cc: Estate of L. F. Swift

EASTERN OREGON
CIVIL ENGINEERS
DEC 24 1940
RECEIVED

Frenchglen, Oregon
December 20, 1940

Mr. Rhea Luper
5707 S. E. 94th Street
Portland, Oregon

Dear Mr. Luper:

I recently had a letter from the State Engineer's office relative to the applications for HL Reservoir, #18475 and Eckhart Creek and HL Reservoir, #18476. They seem to be holding up on completion of these sites, awaiting satisfactory plans and specifications in connection with the dams.

Evidently they have not been notified of these two applications being completed, regarding dams. I would appreciate it very much if you would write their office in connection with this matter, as our office is very anxious to get the necessary documents that complete these two reservoirs.

Regarding the Rock Creek sites, I imagine they would have to have the necessary specifications in order to complete their files. However, I question if this applies to the two above-mentioned applications.

Very truly yours,

EASTERN OREGON LIVESTOCK CO.

J. B. Fine, Mgr.

cc: C. E. Stricklin, State Engineer ✓
Estate of L. F. Swift

December 13, 1940

Eastern Oregon Livestock Co.
Frenchglen, Oregon

ATTENTION: J. V. FINE

Gentlemen:

In reply to your letter of December 8, in which you inquire concerning applications numbers 18475, 18476, R-18261, and 1877 in your name, this will advise you that action under these applications has been withheld pending the receipt of satisfactory plans and specifications in connection with the dams which figure in the contemplated appropriation.

Very truly yours,

CHAS. E. STRICKLIN
State Engineer

By
Ed K. Humphrey, Assistant.

EKH:LH

Frenchglen, Oregon
December 8, 1940

RECEIVED
DEC 12 1940
STATE ENGINEER
SALEM, OREGON

State Engineer's Office
Salem, Oregon

Dear Mr. Stricklin:

Some time ago we wrote Mr. Rhea Luper of Portland, regarding the approval of water applications, numbers as follows:

- 18475 - HL Reservoir
- 18476 - Eckhart Creek and HL Reservoir
- (R18261 - Lower Rock Creek and Hole-in-the-ground
- 18477 - Lower Rock Creek and Hole-in-the-ground Reservoir
at Rock Creek.

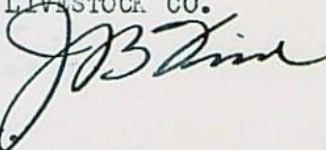
However, we are not so much interested in the last two applications, but our office seems to be very anxious to know what has happened to the approvals, or if they have been approved.

Awaiting your reply,

Very truly yours,

EASTERN OREGON LIVESTOCK CO.

J. B. Fine, Mgr.



November 13, 1940

Mr. Rhea Luper
5707 S. E. 94th Street
Portland, Oregon

Dear Mr. Luper:

Reference is made to your letter of November 8, wherein you request approval of Applications No. R-18475 and 18476. This is the H. L. reservoir and its secondary application and you state that you believe these applications are complete. You also state that the H. L. reservoir has been constructed and in operation for some years.

The only maps, plans, and specifications we have on file in our office of the H. L. reservoir is the topography and the capacity curve made by yourself and dated November 1939.

If I remember correctly you brought plans of this dam to this office some time later and Mr. Stricklin and I discussed the same with you at length and you took them back home to make certain suggested revisions.

On the topography that you have submitted is a small scale plan of the dam but there are no detailed plans showing the dam embankment such as the width across the crest, the slope of the upstream and downstream-face, the capacity and profile of the spillway and details of the outlet conduit. A profile should also be submitted showing the materials encountered in the foundation.

At this time we have no detailed plans or specifications of the H. L. reservoir. We do not possess any data upon the material of the foundation or the material of the dam. After the completed plans and specifications have been submitted and an examination is made of the site, the applications will then be in line for approval.

Very truly yours,

CHAS. E. STRICKLIN
State Engineer

By
L. A. McAllister, Assistant.

LAMca:FB

18261
18475
18476
18477

5707 S. E. 94th Street,
Portland, Oregon.
Nov. 8, 1940.

RECEIVED

NOV 12 1940

STATE ENGINEER

SALEM, OREGON

Attention: Ed. K. Humphrey

Mr. Chas. E. Stricklin,
State Engineer,
Salem, Oregon.

Dear Sir:

I have your letter of November 4th and it seems that I did not make myself clear in my letter to you of October 31st.

What I meant to request is approval of Applications No. R-18475 and 18476, which I believe to be complete and not related to the Rock Creek applications. I do not find them mentioned in your letters of March 5th and 12th incl. The H.L. Reservoir has been constructed and in operation for some years and the applications were made for the purpose of complying with the water code relating to appropriations of water.

If I am incorrect please advise.

Sincerely,

Alma Luper
Alma Luper
Civil & Hydraulic Engineer

RL:ol

West half of East half; Southeast quarter of Northwest
quarter; East half of Southwest quarter of Section 26.

Northwest quarter of Northeast quarter; South half of
Northeast quarter; East half of Southwest quarter; South-
east quarter of Section 35.

South half of Section 36.

PANEL 31. Township 30 South, Range 35 East of the Willamette Meridian

Lots 2 and 3; South half of Northeast quarter; East half
of Southeast quarter of Section 2.

East half of Northeast quarter of Section 11. -----

CHAS. E. STRICKLIN, STATE ENGINEER
SECRETARY
STATE RECLAMATION COMMISSION
HYDROELECTRIC COMMISSION OF OREGON

STATE OF OREGON
OFFICE OF THE
STATE ENGINEER
WATER RESOURCES DEPARTMENT
SALEM

ADDRESS ALL COMMUNICATIONS
CHAS. E. STRICKLIN, STATE ENGINEER
SALEM, OREGON

AND REFER TO
FILE NO. R-18475

July 15, 1941

Mr. Chas. E. Stricklin
State Engineer
Building

Re: Application No. R-18475

Dear Sir:

To comply with your instructions, I made an investigation on July 8, 1941, of the H. L. Dam to determine whether its failure would result in damage to life or property. During the investigation, I was accompanied by Mr. J. B. Fine, Manager of the Eastern Oregon Livestock Company.

On November 20, 1939, the office of the State Engineer received from Mr. Rhea Luper the application of the Eastern Oregon Livestock Company for a permit to construct a reservoir and store for beneficial use the waters of Eckhardt Creek, tributary of Skull Creek, and H. L. Creek and Spring Creek, tributaries of Catlow Valley. This application was given number R-18475.

The reservoir, which has been in use for several years, has a storage capacity of 130 acre-feet according to the application, and the impounded water is used for the new and supplemental irrigation of 660.1 acres in Sections 23, 24, 25, Township 35½ South, Range 32 East, W. M., and Sections 19 and 30, Township 35½ South, Range 32½ East, W. M.

The dam which impounds the water in H. L. Reservoir is located in the NW¼ NE¼, Section 30, Township 35½ South, Range 32½ East, W. M. It is built of earth, has a top length of 430 feet, and the bottom of the 24" corrugated iron outlet pipe is 6.5 feet below the floor of the spillway. The top width varies from 6 to 10 feet. The slopes average about 1½ to 1. The outlet pipe, Mr. Fine stated, is set on concrete and rock throughout its length of 42 feet. The head-gate was not visible but the same authority stated that it was steel. It is lifted with a windlass and cable. The attached photograph shows the H. L. Dam and the location of the outlet gate.

July 15, 1941

The spillway is a wooden structure 8.6 feet wide, 3 feet deep, and 16 feet long. It is constructed of 1" boards, and flashboards can be used in it to raise the water above the floor, thus providing more storage, a questionable practice. Mr. Fine stated that 1" sheet piling were driven to a depth of 2.5 to 3 feet under the front end of the spillway, and in the center of the structure 2" sheet piling were driven about the same depth. These cut-off walls extend about 4 feet beyond the sides. The top of the dam is about 5.5 feet above the floor of the spillway, making the total height approximately 12 feet above the bottom of the outlet pipe.

A dyke approximately 200 feet in length and about 5 feet in height located a quarter of a mile southeast of the dam prevents the water from overflowing into Catlow Valley.

The water released from the dam is used for irrigation within a few hundred feet from the head-gate. The area which is irrigated and that which it is proposed to irrigate lie in a compact body, roughly 1-3/4 miles east and west and 5/8 mile north and south. This is a part of Catlow Valley which is shown in the attached photograph.

Catlow Valley is a desert valley located in Southwest Harney County. It is approximately 60 miles long and 20 miles wide, and the few ranches which are located there lie at the foot of the higher areas where water is available for irrigation. Allowed to run without diversion, the stream would soon sink into the desert floor of the valley after spreading out over its flat surface.

At one time a considerable portion of the valley was settled but year after year of drought resulted in the abandonment of the tracts, and with the exception of the comparatively few acres irrigated the valley has returned to sagebrush.

Just below the H. L. Reservoir, the land flattens into the valley proper and a failure of the dam with 130 acre-feet of water in it would result in the water spreading out over the valley without any particular damage to property other than carrying a certain amount of soil and debris over the upper end of the irrigated area which belongs to the Eastern Oregon Livestock

July 15, 1941

Company, the owner of the reservoir. It is hard to conceive of any damage other than above mentioned. One cannot make the positive statement that there would be no danger to life in the event of a failure in the dam. However, unless a person was directly below it at the time of failure and was not cognizant of the danger, it is very unlikely that loss of life would result therefrom.

The dam and dyke, as heretofore mentioned, have been in use several years. The plans and specifications were not submitted to the State Engineer for consideration, and since he had no knowledge of their construction no inspection was made during that period.

No attempt is made herein to advise as to the stability of the dam and dyke as they are today. They have stored water successfully for several years.

In the present case, a failure of the dam with 130 acre-feet stored in the reservoir would result in little, if any, damage and the danger to life may be said to be negligible.

Respectfully submitted,

D. J. McLELLAN

DJMcL:nfh

CHAS. E. STRICKLIN, STATE ENGINEER
SECRETARY
STATE RECLAMATION COMMISSION
HYDROELECTRIC COMMISSION OF OREGON

STATE OF OREGON
OFFICE OF THE
STATE ENGINEER
WATER RESOURCES DEPARTMENT
SALEM

ADDRESS ALL COMMUNICATIONS
CHAS. E. STRICKLIN, STATE ENGINEER
SALEM, OREGON

AND REFER TO
FILE NO. R-18475

July 15, 1941

Mr. Chas. E. Stricklin
State Engineer
Building

Re: Application No. R-18475

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July 15, 1941

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Respectfully submitted,

D. J. McLELLAN

DJMcL:nfh

238171

Permit No. R-766

Drafted
Feb 14, 1966
rjpr

Application No. R-18475

County HARNEY

PROOF OF APPROPRIATION OF WATER

Allied Land & Livestock Co

420 Taylor St. San Francisco
Calif.

1. Name ~~Eastern Oregon Livestock Co.~~ 2. Address ~~Frenchglen, Oregon~~
3. Source of supply ~~Eckhardt Creek tributary of Skull Creek, and H. L. Creek and Spring Crk.~~
Tributary of ~~ies~~ Catlow Valley appropriated under Applic. No. 18476, Permit No. 15008
4. Amount of water 130 acre feet 5. Priority date November 20, 1939
6. Use Irrigation and Supplemental Irrigation
7. Location of point of diversion, ~~NW 1/4 NE 1/4~~ Sec. 30, Twp. 35 1/2 S, Range 32 1/2 E, W.M.
(Legal Subdivision)
8. The description of land given below corresponds to that found in your permit covering land to be irrigated, or, if for other purposes, the place of use. In the blank column on the right, headed "No. acres actually irrigated", fill in the number of acres you have irrigated in each of the tracts described:

Township	Range	Section	Forty-acre Tract	No. Acres Described in Permit	No. Acres Actually Irrigated
35 1/2 S	32 1/2 E	30	NE 1/4		
The right herein granted is limited to the construction of a reservoir and the storage of water from Eckhardt Creek, H. L. Creek, and Spring Creek to be appropriated under Application No. 18476, Permit No. 15008, for irrigation and supplemental irrigation.					
Diversions from: Eckhardt Cr. SW 1/4 SW 1/4 Section 26					
H. L. Cr. Lot 2 (NW 1/4 SE 1/4) Section 19					
Spring Cr. NW 1/4 NW 1/4 Section 29					
T. 35 1/2 S. R. 32 1/2 E. W.M.					

7/16/70 - OK. Jan 130 DE REX
A M C L K
Zig

This column must be filled in if water is used in irrigation

(Attach separate sheet if necessary)

DESCRIPTION OF WORKS

9. (a) If a dam has been constructed, give description: Height, ft.; length on top, ft.;
length on bottom, ft.; material used and character of construction,
.....
- (b) Give description of headgate: Width, ft.; depth, ft.; material used and character
of construction,
.....
- (c) Size of canal: Width on top (at waterline), ft.; width on bottom, ft.; depth of
water, ft.; grade, ft. fall per 1,000 ft. Actual capacity, sec.-ft.
Give general description:
.....
- (d) Pipe line: Description of intake,
.....
Length of pipe, ft.; size at intake, in.; size at ft. from intake, in.; size
at place of use, in. Difference in elevation between intake and place of use, ft.
Is grade uniform? Actual capacity of pipe line, sec.-ft.
Give general description:
(Material: Steel, wrought, cast iron, wood stave, etc.)
.....
- (e) Pumping plant: Give size and type of pump,
Suction lift, ft.; discharge lift, ft. Type of motor used
Horsepower rating, H. P. Actual capacity of pump, sec.-ft.
10. During what months is water beneficially used?
11. State character of soil
Kind of crops raised
12. Does the accompanying map, filed with your application, show correctly the point of diversion, area
of land irrigated, or place of use?
13. If not, wherein is such map in error?
.....
14. Domestic use: Give number of families actually using water at this time
15. If for power, mining, municipal, manufacturing, storage or any other purpose than irrigation, give
extent and method of such use
.....

AFFIDAVIT OF APPROPRIATOR

STATE OF OREGON,

County of } ss.

I,, being first duly sworn, depose and say that I have read the above and foregoing proof of appropriation of water; that I know the contents thereof, and that the facts therein stated are true.

IN WITNESS WHEREOF, I have hereunto set my hand this day of, 194.....

Subscribed and sworn to before me this day of, 194.....

Notary Public for Oregon

[Notarial Seal]

My commission expires

AFFIDAVIT OF WITNESSES

STATE OF OREGON,

County of } ss.

We,, and of, being first duly sworn, depose and say that we are well acquainted with the facts and conditions set forth in the foregoing statement relative to proof of appropriation of water under Permit No.; that we and each of us have been over and upon each tract described in said proof, and from such personal inspection have knowledge that all necessary ditches, dams and other diversion and distributing works have been constructed, and water used as stated therein; that we have carefully read such proof of appropriation, and that each and every statement contained therein is true to the best of our knowledge and belief.

Subscribed and sworn to before me this day of, 194.....

Notary Public for Oregon

[Notarial Seal]

My commission expires

REPORT OF PERSON MAKING INSPECTION

(For use by representative of State Engineer)

I,, do hereby certify that I have made an inspection of the works described herein and in Permit No., on the day of, 194....., and found the foregoing statements and descriptions of works to be accurate. In my opinion the appropriation has been completed to the extent of
(Quantity of water in second-feet or acre-feet)
and I recommend the issuance of water right certificate for this amount.

NOTICE TO INSPECTORS

If conditions do not justify the above report by you, please return the proof without your signature, with a full report by letter.

(Name)

(Title)

PROOF OF APPROPRIATION

Permit No.

Recording fee paid

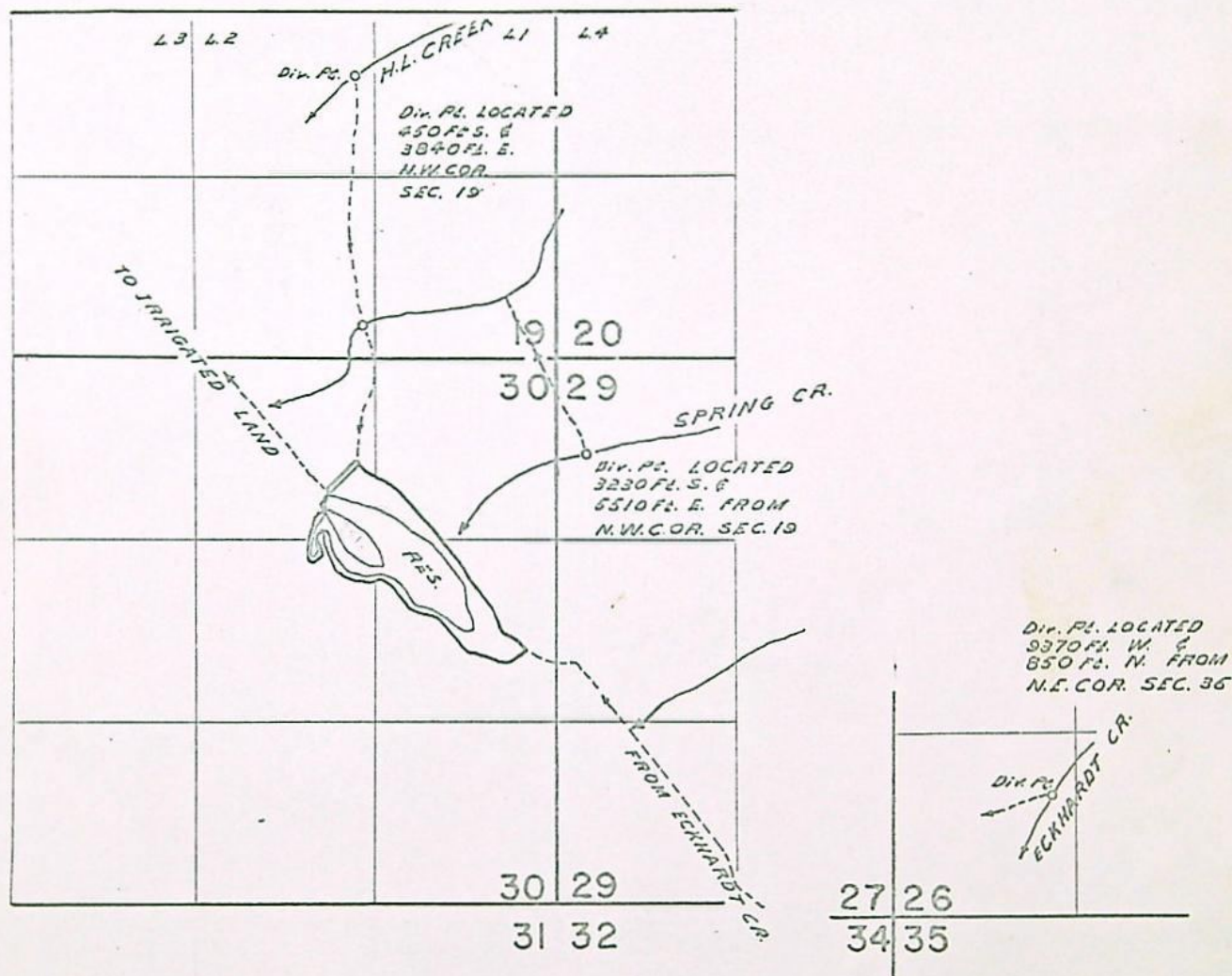
Receipt No.

STATE PRINTING DEPT.

County of
STATE OF OREGON

VALIDITY OF APPROPRIATION

T. 35 1/2 S. R. 32 1/2 E. W.M.



FINAL PROOF SURVEY
UNDER

Application No. R-18475 Permit No. R-776
IN NAME OF

ALLIED LAND & LIVESTOCK CO.

Surveyed AUG 22 23 1963, by T. LAUER
SEPT 22, 1965 by L. COLEBANK

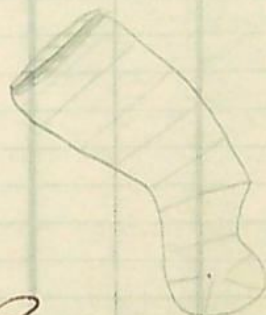
-Redo - Res. only

use: 1" = 400 ft. scale

X-Section for Contours
on the breaks spot shots & write elev.
by shots -
use radial method

Get complete res. report

Res Cap.



m. B.

Need more info.
inspection does not
agree with plans

F.P. map attached

Gary

12-11-50

FOR ATOM AND STEELWORK

Too full of water

about 2 1/2 ft below spillway

10-10-67

W. H. H. H.

Jim Tyler

8-5-68

ALLIED - R. 18475 -

INFO: - MR. JOHNNY RINGO, ROARING SPRINGS RANCH, ALLIED PROPERTIES, FRENCH GEN ORE -
- FARM FOREMAN -

NOTES: - RES NOT IN USE DUE TO BAD BREACH NEAR W. END OF DAM - MR. RINGO STATED THAT PLANS TO RE-BUILD THIS FALL ARE NOW BEING DISCUSSED. ALSO POSSIBLE ENLARGEMENT. MR. RINGO WOULD LIKE INSTRUCTIONS TO SATISFY MAIN OFFICE AS TO STATE ENGINEER REQUIREMENTS.

RES, INCLUDING BREACHED AREA, CONTOURED 2° INTERVALS 1" = 400' SCALE - 1968 - D

DAMS -

LENGTH	400 FT.
WIDTH	7° MIN.
SLOPES	2½:1 UPSTREAM 2½:1 DOWNSTREAM

CONTROLS: - CONDUIT SILTED IN. APPEARS TO BE 12" - USES 14" WIDE VERT. SLIDE GATE. 1 HR. SHOVEL WORK UNABLE TO UNEARTH EITHER END.

SPILLWAY - CONCRETE HEAD GATE 4½ DEEP 7½ WIDE - LOCATED EAST OF CENTER -

GRADE - FLAT 20°, 1° VERT, 1% -

ELEVS: - HWL -

100° ASS. -

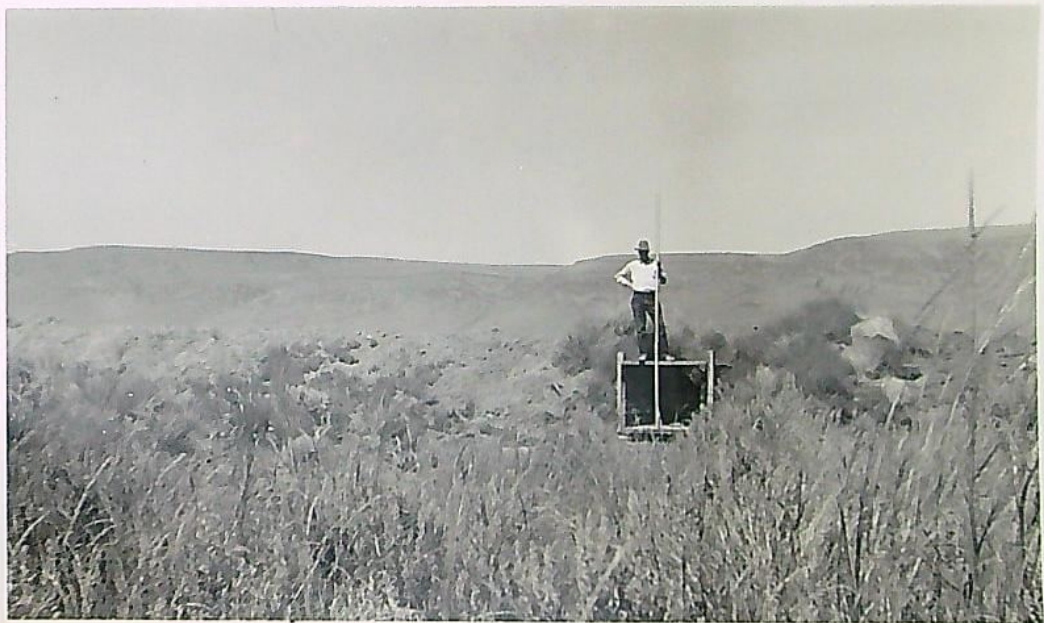
NOTE -
ASSUME
WATER TO BE
20 DEEP

SPILLWAY CREST, UNRESTRICTED	98½
LOW POINT ON DAM	103½
DOWN STREAM TOW SLOPE	91½
PRESENT WATER	90°

CONTOURS - 100°, 98°, 96°, 94°, 92°, 90°, 88°, 86°, 84°, 82°, 80°, 78°, 76°, 74°, 72°, 70°, 68°, 66°, 64°, 62°, 60°, 58°, 56°, 54°, 52°, 50°, 48°, 46°, 44°, 42°, 40°, 38°, 36°, 34°, 32°, 30°, 28°, 26°, 24°, 22°, 20°, 18°, 16°, 14°, 12°, 10°, 8°, 6°, 4°, 2°, 0°

SURVEYED FOR CAPACITY ONLY -

✓ J. L. Laine
F.E.
8-5-68 -



79

Reinwein
Pangfahung



79

Pangfahung
KOSTA





79

Music
PRINT
MIL 1941

Proposed Organizational
Plan 1941

79

Music
PRINT
MIL 1941



79

Music
Press
JUL 1941

SALEM TOASTMASTERS
CHARTER No. 138 DISTRICT No. 7
MEMBER TOASTMASTERS INTERNATIONAL
SALEM, OREGON

R 18475

Eastern Oregon Livestock Company

