Form 16
1.5 M - 7-31-62

RECEIVED
OCT 1 1963
Department of Reclamation

STATE OF IDAHO

DEPARTMENT OF RECLAMATION

BOISE, IDAHO

Permit No. R-1016

* * * *

PROOF OF APPLICATION OF WATER TO BENEFICIAL USE

* * * * * *

DEPOSITION OF HOLDER

Ques. 1. State your name, residence, occupation and postoffice address: Kendell Welling - Fielding, Utah - Farmer

Ques. 2. If acting in behalf of corporation, state its name, principal place of business (if a foreign corporation, give name of postoffice of statutory agent), your position with reference to same, and your authority for appearing in its behalf:

Acting for self only

Ques. 3. State number, approval date of permit, and date of priority you propose to establish under the permit; R-1016 (~~Sept 30th~~ 9/16/57) - ~~Sept 30th 1963~~ 8/28/57

Ques. 4. State source of water supply: springs
Give location of point of diversion, showing subdivision, section, township and range:

Reservoir outlet located NW¼SE¼, Sec. 6 T. 12 S. R. 44 E.B.M.

Ques. 5. Describe your works of diversion: Reservoir

; state amount of water they are capable of conveying from point of diversion to place of use 133 Acre Ft. Give name of canal or ditch or other works by which water is conducted to such place of use: Two un-identified springs diverted to place of use from reservoirs by open ditch and mainline sprinkler pipe.
; if a well, state depth of well (not a well) ; depth and size of casing: ------ ; depth to water ------ ; if pump is used, state discharge of pump: ; tell how it was measured or determined:

; if sprinkler irrigation, give number and size of nozzles and operating pressure: Three one and one-quarter inch nozzles

Ques. 6. State for what purpose water is used: irrigation
If for irrigation, name each subdivision in which used and number of acres in each subdivision that have actually been irrigated with said water : SW¼NW¼, Sec. 5 40A., NW¼ SW¼ Sec. 5 40 Ac., S½N½ Sec. 6 160 Ac.; N½S½ Sec. 6, 160Ac. SE¼SW¼ Sec. 6, 40 Ac. S½SE¼ Sec. 6 80 Acres, all in Twp. 12 S. R. 44 EBM.

State nature of all improvements which have been made as a direct result of said use:

$26,000 reservoir and $24,000 worth of pump, engine, and pipe.

R-1016 DR

Ques. 6-a: If this is a ground water permit, give name and address of person that drilled the well: This is not a ground water permit nor a drilled well

Ques. 7. If for other than irrigation purposes, state purpose and how used:

Used only for irrigation

Ques. 8. What is the minimum amount of water required for the purpose specified above:

130 Acre Feet

Ques. 9. If you are not the person or representative of the corporation to whom above mentioned permit was originally issued, please state how ownership was acquired by present holder:

I am the Person to whom original permit was issued

Ques. 10. State when and in what amount the water diverted under above mentioned permit has been first used: Used years ago for truck gardening on property times used since first use:

Five Times

Ques. 11. Describe all other water rights appurtenant to same place of use:

None

(sign) Vendell Welling

I hereby certify that the foregoing testimony was read to the above subscribed, before its signing, that I believe him to be the person he represents himself to be, and that said testimony was subscribed and sworn to before me, at my office in Montpelier, County of Bear Lake State of Idaho, on this 30th day of September, A.D. 19 63.

Irene Schwendiman

My Commission expires: April 12, 1967

Form 17

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
BOISE, IDAHO

RECEIVED
APR 1 1962
Department of Reclamation

PERMIT NO. R-1016

Proof of Application of Water to Beneficial Use

Deposition of Witness

The deposition of two witnesses, on this form, taken separately, required in each case.

Ques. 1. State your name, age, residence, occupation and postoffice address.

Ans. Joseph W. Rowsell Age 44, P.O. Box 92 Mont Pelier, Idaho
Occupation - Soil Conservation Service.

Ques. 2. Are you acquainted with Wendell Welling, the holder of Permit No. R-1016? How long have you known him and where does he reside?

Ans. 6 years Fielding, Utah.

Ques. 3. Have you read or heard read said Permit No. R-1016, and are you familiar with its provisions and conditions?

Ans. Yes

Ques. 4. State source of water supply, place of diversion, and describe works for conveying water from point of diversion to place of use.

Ans. Source Unnamed Springs - Stored in two Reservoirs Diverted to Place of use by open ditch and mainline Sprinkler Pipe.

Ques. 5. How many second feet of water do you estimate said works will safely conduct to place of use, and how much water have you seen being so conveyed?

Ans. 2.5 C.F.S.

Ques. 6. State for what purpose water is used and at what place. (If for irrigation, give each subdivision in which water has been used and number of acres irrigated in each subdivision.) State whether cultivated or natural meadow land and the nature of all improvements which have been made as a direct result of said use.

Ans. Irrigated Cropland (small grains)
40 Ac. SW 1/4 NW 1/4 Sec. 5, NW 1/4 SW 1/4 Sec. 5 40 Ac.
S 1/2 N 1/2 Sec. 6. 160 Ac. N 1/2 S 1/2 Sec. 6 160 Ac.
SE 1/4 SW 1/4 Sec 6 40 Ac. S 1/2 SE 1/4 Sec. 6 80 Ac.
All in TWP 12 S R 44 E B.M.

R-1016

Ques. 7. If for power or other purposes than irrigation, state how water has been applied and to what extent.

Ans. Not for Power or other Purpose.

Ques. 8. If for irrigation, state character of land that has been reclaimed, and give your estimate of the amount of water required for its profitable cultivation.

Ans. Water used to Irrigate Previously dry-farmed land. Full irrigation would Require .6 Acre inch Per Acre

Ques. 9. Have you any interest in the works, water or lands above mentioned? If so, in what way and to what extent?

Ans. NO

Ques. 10. State when, how, in what amount and to what extent you have witnessed the application to beneficial use of water diverted under said permit.

Ans. Have seen water applied to land through a Sprinkler System ~~for~~ since construction of reservoirs.

(Signed) Joseph W. Towsell

I hereby certify that the foregoing testimony was read to the above subscriber before its signing, that I believe him to be the person he represents himself to be, and that said testimony was subscribed and sworn to before me in Montpelier, County of Bear Lake, State of Idaho, on this 30th day of September A. D. 1963.

Irene Ockenburg

Notary Public.

My commission expires April 12, 1967.

Form 17

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
BOISE, IDAHO

RECEIVED
OCT 1 1963
Department of Reclamation

PERMIT NO. R-1016

Proof of Application of Water to Beneficial Use

Deposition of Witness

The deposition of two witnesses, on this form, taken separately, required in each case.

Ques. 1. State your name, age, residence, occupation and postoffice address.

Ans. John S Taggart - age 49 - 287 North 7th, Montpelier (occupation Soil Conservation Service office Montpelier, Idaho) - [illegible]

Ques. 2. Are you acquainted with Wendell Welling, the holder of Permit No. R-1016? How long have you known him and where does he reside?

Ans. Yes - Two months - Fielding, Utah

Ques. 3. Have you read or heard read said Permit No. R-1016, and are you familiar with its provisions and conditions?

Ans. Yes

Ques. 4. State source of water supply, place of diversion, and describe works for conveying water from point of diversion to place of use.

Ans. Source - Unnamed Springs - stored in two reservoirs
Diverted to place of use by open ditch and mainline sprinkler pipe

Ques. 5. How many second feet of water do you estimate said works will safely conduct to place of use, and how much water have you seen being so conveyed?

Ans. 2.5 Second Feet Conveyed and used to sprinkle irrigate grain

Ques. 6. State for what purpose water is used and at what place. (If for irrigation, give each subdivision in which water has been used and number of acres irrigated in each subdivision.) State whether cultivated or natural meadow land and the nature of all improvements which have been made as a direct result of said use.

Ans. Irrigation of Cultivated Cropland (Small Grains)
SW¼ NW¼, Sec 5 40 Ac. NW¼ SW¼ Sec 5 40 Ac.
S½ N½ Sec 6 160 Ac N½ S½ Sec 6 160 Ac.
SE¼ SW¼ Sec 6 40 Ac. S½ SE¼ Sec 6 80 Acres
All in Twp 12 S R 44 E. B.M.

R-1016

Ques. 7. If for power or other purposes than irrigation, state how water has been applied and to what extent.

Ans. Not used for other than irrigation.

Ques. 8. If for irrigation, state character of land that has been reclaimed, and give your estimate of the amount of water required for its profitable cultivation.

Ans. Water used to irrigate previously dry-farmed land. Full irrigation would require .6 ~~acre inches~~ Miner's Inch per acre.

Ques. 9. Have you any interest in the works, water or lands above mentioned? If so, in what way and to what extent?

Ans. No.

Ques. 10. State when, how, in what amount and to what extent you have witnessed the application to beneficial use of water diverted under said permit.

Ans. Have seen water applied to grain crop through Sprinkler System at various times between June 10, 1963 and September 1, 1963. One irrigation was given the grain.

(Signed) John S Taggart

I hereby certify that the foregoing testimony was read to the above subscriber before its signing, that I believe him to be the person he represents himself to be, and that said testimony was subscribed and sworn to before me in Montpelier, County of Bear Lake, State of Idaho, on this 30th day of September, A. D. 1963.

Irene Ockenburg
Notary Public.

My commission expires April 12, 1967.

1M April 1962

xxxxxxxxxx

October 3, 1963

Re: Permit No. R-1016

Wendell H. Welling
Box 60
Fielding, Utah

Dear Mr. Welling:

We acknowledge receipt of the depositions of holder and two witnesses, also affidavit of publication in the News-Examiner, all submitted in proof of completion of works and beneficial use on Permit No. R-1016.

Before final action is taken in the matter, the law requires that a field examination be made by an engineer from this department.

We cannot tell just when this examination will be made, but our field engineer will try and contact you at the time he makes the examination so that arrangements may be made to show him over the grounds.

Very truly yours,
CARL E. TAPPAN
~~GEO. N. CARTER~~
State Reclamation Engineer

By:

(Mrs.) Edna P. Rule
Chief Clerk

EPR: mr

Name typed

R-1016

Form 23

STATE OF IDAHO

DEPARTMENT OF RECLAMATION

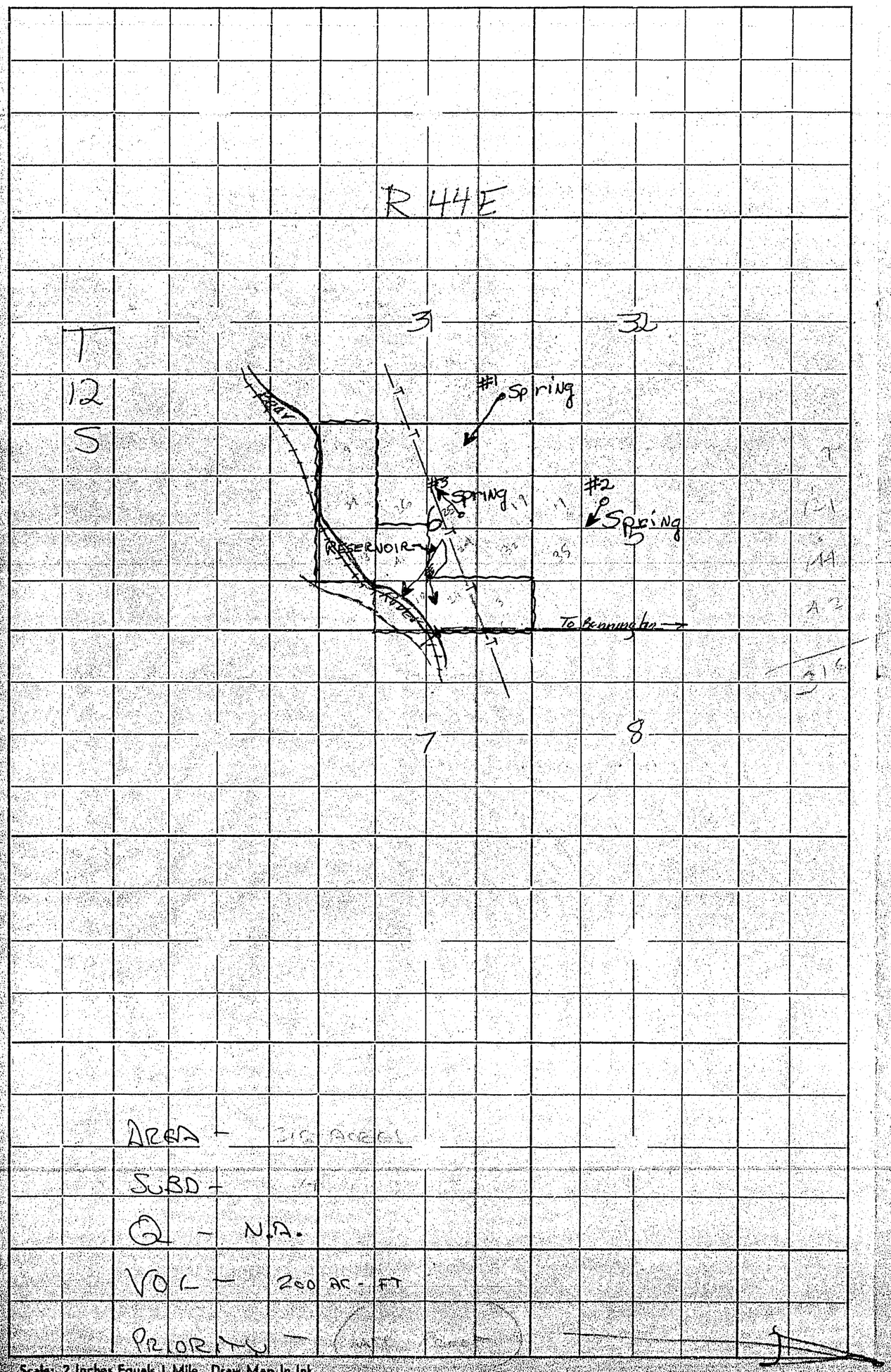
BOISE

REPORT OF ENGINEER

PERMIT NO. R-1016

REPORT ON PROOF OF Beneficial Use
Wendell H. Welling
Box 60
Fielding, Utah

R-1016



Scale: 2 Inches Equals 1 Mile. Draw Map In Ink.

Form 23

STATE OF IDAHO

DEPARTMENT OF RECLAMATION

BOISE, IDAHO

REPORT OF ENGINEER

Permit No. R-1016

This proof is for Beneficial Use In Water District No.

1. Name of applicant Wendell H. Welling
2. Source of water supply: 3 unnamed springs
3. Location of point of diversion: Is in the NW¼SE¼ of Section 6 UG
   T. 12 S. R. 44 E. County of Bear Lake
4. Describe works as they exist, giving dimensions and capacities of same:
   NATURAL GAS FUELED ENGINE BERKELEY CENTRIFUGAL PUMP MODEL #5EE0 2394
   6" INLET FROM 12" CONDUIT THROUGH DAM THROUGH
   150 gal STORAGE - THROUGH STEEL UNDERGROUND MAIN
   LINE (10") - 6" ALUM MAIN LINE SPRINKLER SYSTEM
5. Water is used for: Irrigation
6. State whether or not water has been turned into works of diversion:

7. List legal subdivisions of lands to be irrigated. If proof is for beneficial use, give exact number of acres under cultivation in each forty-acre tract. (Describe manner and place of use if other than irrigation):
   NW¼SW¼, SW¼NW¼, Sec. 5; S½N½, N½S½, S½SE¼, SE¼SW¼, Sec. 6, all in T. 12 S., R. 44 E., B.M.

(Submit map on attached plat, showing location and details of above description.)

8. What large stream would the water here appropriated finally reach?

Remarks:

178 Acr (Rain max 20") 19 a

IRRIGATION REQUIREMENT = 3.0 AC-FT / ACRE / SEASON

This examination was made on the 21st day of Aug., 19 58 ORR

(Signed) Sam Reynolds Examiner.

Sept 12, 1958

R-1016

Has. 1' Center.

Trickle Tube

Constructed Spillway

Stoping Gate Controls
with Vent tube
along side.

Stem is inclosed
in Out Tube,

f-10.16

Wenatchee Dwelling
c. 173

INSTRUCTIONS TO EXAMINERS

1. Always carefully note the location of the point of diversion and accurately plat same.
2. When proof is for beneficial use, carefully check up the number of acres actually irrigated in each forty and accurately plat same.
3. Make a map showing the correct location of streams and ditches, and the irrigated lands, and any adjacent permanent landmarks, such as towns, lakes, large streams and public roads.
4. If any unusual conditions are discovered, make plain statement of them under remarks.
5. Always see the holder, if possible, and go over the whole ground with him and make your report only upon actual existing facts and conditions.
6. Give general characteristics of soils, topography, and crops raised.

Wendell H. Welling
Box 60
Fielding, Utah

Permit No. R-1016

check file for Dam Application - Info.

Examination for Beneficial Use

County Bear Lake

Sec. 6 T. 12S R. 44E SLM

Quantity: 200 acre ft.

Source: 3 unnamed springs

P.D.: NWSE, Sec. 6, T. 12 S., 44E

Use: Irrigation

Filed: August 28, 1957

Due: September 16, 1959

Extension: to 9-16-62

Completion of Works: Oct. 15, 1962

Other Rights: None

made: Sept 30, 1963

June 26, 1969

Re : Permit No. R-1016

Wendell H. Welling

Box 60

Fielding, Utah

Dear Mr. Welling:

Enclosed herewith is your Water License issued on the above numbered permit.

Very truly yours,

C. Stephen Allred, Assistant
State Reclamation Engineer

CSA/mh

Enclosure

COPY

R-1016

April 30, 1969

Re: Permit No. R-1016

Received 6-18-69

Mr. Wendell H. Welling
Box 60
Fielding, Utah

Dear Mr. Welling:

The Department of Reclamation has conducted a field examination of the land and works covered by the above referenced permit and has found additional land being irrigated than was covered by the original permit. In order for this land to be covered under the license you must amend your permit to include this land.

Enclosed is a partially completed application for amendment. If you agree with the findings of the Department, please sign the application and return it with a $5.00 fee.

The department is prepared to license Permit No. R-1016 for 200 acre feet of water from three unnamed springs with the outlet of the reservoir located in the NW¼SE¼ Sec. 6, T. 12 S., R. 44 E., B.M., in Bear Lake County. The water is to be used for irrigation of 316 acres located within SW¼NW¼, NW¼SW¼ Sec. 5; S½NE¼, S½NW¼, NW¼NW¼, N½SW¼, SE¼SW¼, SE¼ Sec. 6, T. 12 S., R. 44 E., B.M. The priority date established is September 12, 1958. If you agree with these findings, please remit licensing fees of $28.00 within 30 days of the date of this letter.

Please return the signed application for amendment and a total of $33.00 in fees as soon as possible.

Very truly yours,

Dean R. Reynolds
Field Examiner

DRR:kh
Enclosure

R-1016

AFTER FIVE DAYS RETURN TO
DEPARTMENT OF RECLAMATION
STATEHOUSE – ANNEX 2
BOISE, IDAHO 83707

Mr. Wendell H. Welling

R-1016

WENDELL H. WELLING
FIELDING, UTAH 84311

U.S. POSTAGE
6c
FRANKLIN D. ROOSEVELT

FIELDING, UT
JUN
16
P.M.
1969
84311

State of Idaho
Dept. of Reclamation
State House
Boise, Idaho

R-1019

May 5, 1969

Re: Permit No. R-887

Mr. Jack Burstedt
6626 Ashland Circle
Boise, Idaho

Dear Mr. Burstedt:

A representative of this department has made an examination of the works covered by your Permit R-887 and has found the following:

Quantity of water ~~diverted~~ stored 341 acre feet

Amount of water that can be recognized as beneficially used under Idaho Law: 341 acre feet

~~The maximum quantity diverted shall not exceed 341 acre feet per season~~

Purpose of use: Soil root zone storage during the winter months on the following described land: N½SE¼, SE¼SE¼ Sec. 13, T. 14 N., R. 21 E., B.M. and SW¼NE¼, N½SW¼, SW¼SW¼, NW¼SE¼ Sec. 18, T. 14 N., R. 22 E., B.M.

The priority date established is: May 16, 1952 (late proof)

A fee totaling $ 16.00 must be received within 30 days from the date of this letter in order that we can issue you the License and Certificate of Water Right as described above.

Very truly yours,

Dean R. Reynolds
Field Examiner

DRR:kh

R-1016

DON SAMUELSON
GOVERNOR

R. KEITH HIGGINSON
State Reclamation Engineer

RECEIVED
MAY 26 1969
Department of Reclamation

STATE OF IDAHO

DEPARTMENT OF RECLAMATION
STATEHOUSE – ANNEX 2
BOISE, IDAHO 83707

May 5, 1969

Re: Permit No. R-887

Mr. Jack Burstedt
6626 Ashland Circle
Boise, Idaho

Dear Mr. Burstedt:

A representative of this department has made an examination of the works covered by your Permit R-887 and has found the following:

Quantity of water ~~diverted~~ stored: 341 acre feet

Amount of water that can be recognized as beneficially used under Idaho Law: 341 acre feet

~~The maximum quantity of water shall not exceed 341 acre feet per season~~

Purpose of use: Soil root zone storage during the winter months on the following described land: N½SE¼, SE¼SE¼ Sec. 13, T. 14 N., R. 21 E., B.M. and SW¼NE¼, N½SW¼, SW¼SW¼, NW¼SE¼ Sec. 18, T. 14 N., R. 22 E., B.M.

The priority date established is: May 16, 1952 (late proof)

A fee totaling $ 16.00 must be received within 30 days from the date of this letter in order that we can issue you the License and Certificate of Water Right as described above.

Very truly yours,

Dean R. Reynolds

Dean R. Reynolds
Field Examiner

DRR:kh

R-1016

State of Idaho

WATER LICENSE

Water License No. R-1016 Priority September 12, 1958 (late proof) Amount 200 acre feet

THIS IS TO CERTIFY, that Wendell H. Welling of Fielding, Utah, made application for a permit to appropriate the public waters of the State of Idaho, dated August 28, 1957; that Permit R-1016 was issued pursuant to said application; that the proposed works were completed on or about September 30, 1963, with a storage/or carrying capacity of 200 acre feet, said works consisting of gas powered Beakley pump, Sprinkler system; and that on September 30, 1963, proof was made to the satisfaction of the State Reclamation Engineer, of the beneficial use of 200 acre feet per season, with a maximum rate of diversion of NA cubic feet per second of the waters of three unnamed springs, tributary of _____, for the purpose of irrigation from April 1 to October 31; and for _____ from _____ to _____; and for _____ from _____ to _____; and that the use of said waters has been made in accordance with the laws of Idaho, and is hereby confirmed by the State Reclamation Engineer and entered in the records of the Idaho Department of Reclamation: the point of diversion is located in NW ¼ SE ¼, Sec. 6, T. 12 S, R. 44 E, B.M., and other additional points _____, in the County of Bear Lake; and that the amount of water to which such right is entitled and which is hereby confirmed, for the purposes aforesaid, is limited to an amount actually beneficially used for said purposes and shall not exceed 200 acre feet per year.

Description and location of place of use:

TWP.	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
12 S	44E	6			25	19		9	34	26	40	13		10	32	24	29	3	264
12 S	44 E	5							17			35							52

Total number of acres irrigated 316

The right to the use of the water hereby confirmed is restricted to the lands or place of use herein described, as provided by the laws of Idaho.

Witness the seal and signature of the State Reclamation Engineer, affixed at Boise, Idaho, this 26 day of June, 1969.

R. Keith Higginson
State Reclamation Engineer

R-1016

April 30, 1969

Re: Permit No. R-1016

Mr. Wendell H. Welling
Box 60
Fielding, Utah

Dear Mr. Welling:

The Department of Reclamation has conducted a field examination of the land and works covered by the above referenced permit and has found additional land being irrigated than was covered by the original permit. In order for this land to be covered under the license you must amend your permit to include this land.

Enclosed is a partially completed application for amendment. If you agree with the findings of the Department, please sign the application and return it with a $5.00 fee.

The department is prepared to license Permit No. R-1016 for 200 acre feet of water from three unnamed springs with the outlet of the reservoir located in the NW¼SE¼ Sec. 6, T. 12 S., R. 44 E., B.M., in Bear Lake County. The water is to be used for irrigation of 316 acres located within SW¼NW¼, NW¼SW¼ Sec. 5; S½NE¼, S½NW¼, NW¼NW¼, N½SW¼, SE¼SW¼, SE¼ Sec. 6, T. 12 S., R. 44 E., B.M. The priority date established is September 12, 1958. If you agree with these findings, please remit licensing fees of $28.00 within 30 days of the date of this letter.

Please return the signed application for amendment and a total of $33.00 in fees as soon as possible.

Very truly yours,

Dean R. Reynolds
Field Examiner

DRR:kh
Enclosure

R-1016

Mail this Permit to Montpelier, Idaho

R. 1016

RECEIVED

JUN 17 1980

Department of Reclamation

STATE OF IDAHO
DEPARTMENT OF RECLAMATION

APPLICATION FOR AMENDMENT

Permit No. R-1016

Comes now WENDELL H. WELLING of (address) Box 60, Fielding, Utah, and represents to the State Reclamation Engineer of the State of Idaho:

That he is the owner and holder of Permit to Appropriate the Public Waters of the State of Idaho No. R-1016, and requests that the permit and permit map be changed as follows:

1. Point of diversion: _____ ¼ _____ ¼, Sec. _____, T. _____, R. _____, B.M. Other points of diversion We also drained the south pasture with a 12 inch tile line and picked up close to a sec. ft. of water.

2. Period and nature of use: (irrigation, domestic, stockwatering, industrial, etc.)

		mo. - day		mo. - day	
For	purposes from		to		(both dates incl.)
For	purposes from		to		(both dates incl.)
For	purposes from		to		(both dates incl.)
For	purposes from		to		(both dates incl.)

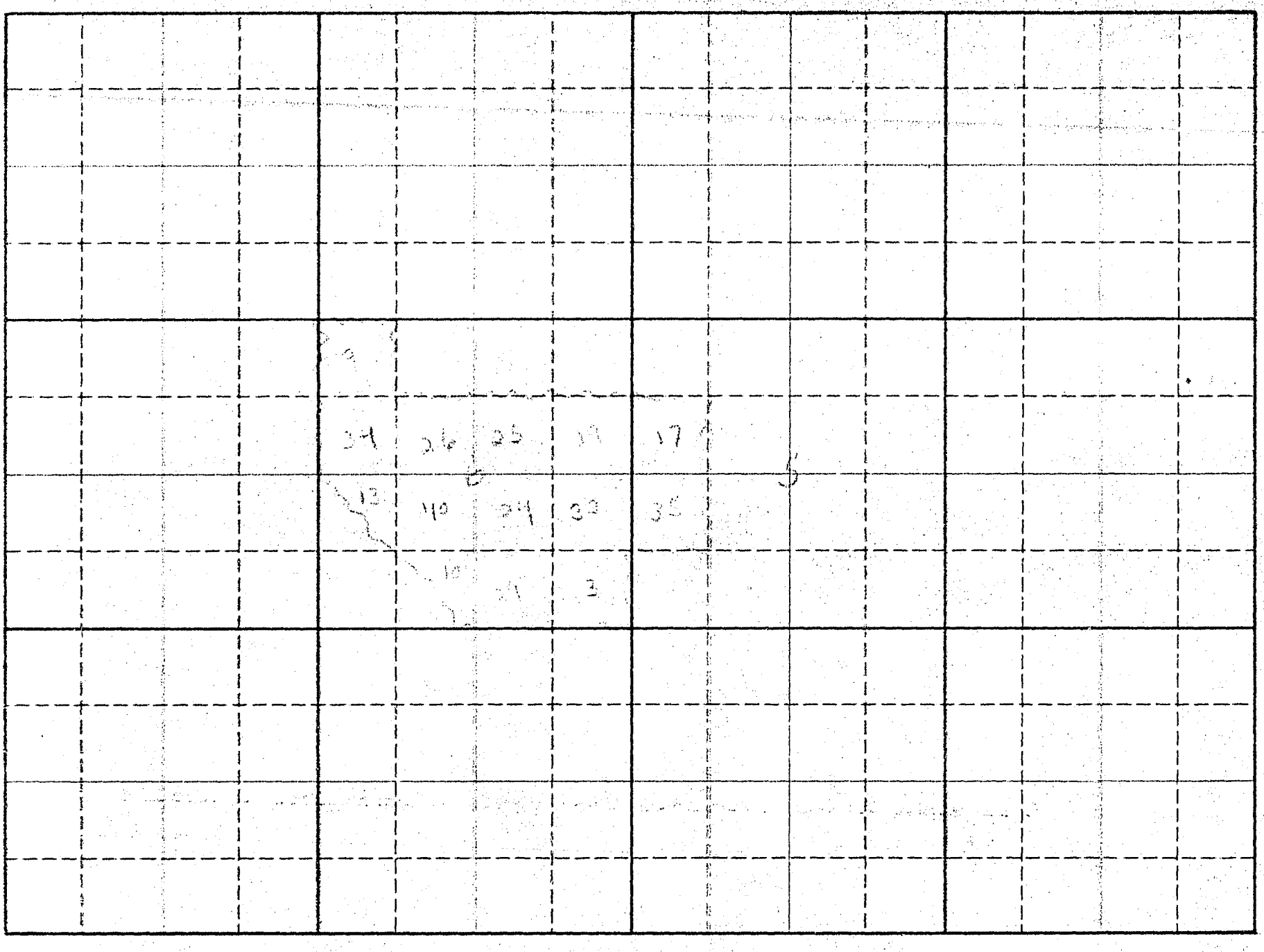
3. Place of use or land to be irrigated:

TWP.	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
12 S	44 E	5							17			35							52
		6			25	19		9	34	26	40	13		10	32	24	29	3	264

Total number of acres to be irrigated 316

R-1016 Wendell Welling

Complete the following map by showing land and point of diversion as proposed by this amendment. Show 40 acre subdivisions, sections, townships, ranges, and ditches.



Scale: 2 inches equal 1 mile

That no one will be injured by such change, and that such change will be made at permit holder's own risk.

Signed at Fielding Utah, this 10th day of June, 1969.

Wendell Walling
(signature)

ACTION OF STATE RECLAMATION ENGINEER

I, R. KEITH HIGGINSON, State Reclamation Engineer of the State of Idaho, hereby approve the above application for amendment for permit R-1016.

6-17-69

Witness my hand this 17th day of June, 1969.

R. Keith Higginson
State Reclamation Engineer

June 18, 1969

Re: Permit No. R-1016

Wendell H. Welling
Box 60
Fielding, Utah

Dear Mr. Welling:

Enclosed please find a copy of the APPROVED application for amendment for permit R-1016.

Also enclosed you will find departmental receipt #3173 in the amount of $33.00 covering the licensing fee and the amendment fee.

The above referenced permit is in the process of being licensed and you should receive it in the near future.

Very truly yours,

Donald W. McEldowney
Appropriation Examiner

DWM:DR
Enc: Approved amendment (copy)
Receipt #3173

R-1016

COPY

R-1016

11-

APPLICATION FOR PERMIT

To Construct a Reservoir and Appropriate and Store
The Public Waters of the State of Idaho

Application No. R 34971
Permit No. R 1016

Wendell H. Welling
Box 60,
Fielding, Utah

1. Name of Applicant: WENDELL H. WELLING

Post office address: Fielding , Box 60 County Box Elder State Utah

I. If applicant is a corporation, give:

(a) Date and place of incorporation: (b) Amount of Capital Stock: $

(c) Amount paid in: $ (d) Names and addresses of directors:

II. The financial resources of the corporation are:

(a) Cash on hand: $ 10,000.00 (b) Treasury Stock: $

(c) Bonds to be issued: $ (d) Other resources: $150,000.00 dry farm & 75,000.00 Grain elev.

2. Quantity of water to be stored: 200 acre feet per annum.

3. Source of water supply is 3 unnamed springs ~~Creek (River)~~ (Spring), a tributary of Bear River.

4 The outlet of the proposed reservoir is located N 60° W (bearing) / 3000 feet, distant from the SE corner of Section 6 , Township 12 S. , Range 44 E. , B.M. and is in the NW ¼ of SE ¼ of Section 6 , Township 12 S., Range 44 E., B.M. County of Bear Lake

5. Fill out either (a) or (b).

(a) The reservoir is located in the channel of Unnamed (Creek) (River).

(b) The reservoir is to be filled through a feeder canal, the point of diversion for which is located feet distant from the corner of Section , Township , Range , B.M., and is in the (bearing) ¼ of ¼ of Section , Township , Range , B.M.; width at bottom feet, width at top feet, depth of water feet; average grade per mile feet; Capacity cubic feet per second

6. (a) The area of the high water line of the reservoir is 11 acres.

(b) The reservoir capacity is 90 acre feet.

7. Height of reservoir dam 25 feet, length at top 500 feet, length at bottom 400 feet, size of outlet feet by feet. The dam is to be constructed of materials as follows:

(If height will exceed 10 feet, plans must be approved by Department of Reclamation, before beginning construction.)

8. (a) Will water stored in reservoir be diverted to canal or aqueduct, thence to land to be irrigated without commingling with natural flow of unnamed (Creek) (River)? No.

(b) Water stored in reservoir will be carried in the channel of unnamed (Creek) ~~(River)~~ distance of 0 miles to point of diversion located N 60° W. (bearing) , 3000 feet, distant from the SE corner of Section 6 Township 12 S. , Range 44 E. , B.M., and in the NW ¼ of SE ¼ of Section 6 Township 12 S. , Range 44 E. , B.M.

9. (a) Area of watershed above dam site square miles.

(b) Estimated maximum flow of stream 3 cubic feet per second.

10. Water is to be used for Irrigation purposes.

11. If for mining, milling, power or manufacturing purposes give:

(a) Point of use of water feet, distant from Corner of Section , Township , Range (bearing) , B.M., and is in the ¼ of ¼ of Section , Township , Range , B.M.

(b) Amount of power generated: H.P., under feet head.

(c) Water is to be returned to (Creek) (River) (Spring) at a point feet distant from the corner of Section , Township , Range (bearing) , B.M. in the ¼ of ¼ of Section , Township , Range , B.M.

12. Water stored in accordance with this Permit will be carried to place of use through a canal heretofore constructed under the terms of Permit No. , which is hereby referred to and made a part hereof.

13. Kind of diversion works: (Dam, canal, flume, pipe, etc.)

14. Height of diversion dam: feet, length at top feet, length at bottom feet. The dam is to be constructed of materials as follows:

(If height will exceed 10 feet, plans must be approved by Department of Reclamation, before beginning construction.)

15. Size of headgate: Width feet, Height feet.

16. Diversion Canal: Width at bottom feet, width at water line feet, depth of water feet, Dimensions of Flume

Diameter of Pipe inches; Length of Conduit miles. Average grade per mile feet.

17. Estimated Cost of Works: Storage Works: $8,000.00 Diversion Works: $

18. Time required for completion of work 1 years.

19. Time required for complete application of water to proposed beneficial use is 1 years.

20. The land to be irrigated is described in the following tabulation:

(Give Irrigable acreage in each 40-acre subdivision.)

Twp.	Range	Sec.	NE¼				NW¼				SW¼				SE¼				Totals
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
12 S.	44 E.	6						10	30		15	15		20			35	25	150

Total Number of Acres to Be Irrigated 150

21. Existing rights and/or valid permits appurtenant to lands described above are None

REMARKS: Land owned by applicant is source of water supply. The source of water supply is from three un-named springs located as follows: No. 1, SE¼SE¼ Section 31, Twp. 11 S., Range 44 E.
Spring No. 2, SE¼NW¼ Section 5, Spring No. 3, SW¼NE¼ Section 6, Twp. 12 S., Rge. 44 E.
Springs are on land owned by the applicant.

BE IT KNOWN That the undersigned hereby makes application for permit to construct a reservoir and appropriate and store the public waters of Idaho as herein set forth, and that the enclosed map is hereby made a part of this application.

/s/ Wendell Welling, *Applicant.*

By ..., *Agent.*

Date of first receipt at Department of Reclamation: 8:00 A. M. August 28, 1957

Returned to applicant for correction:

Corrected application received:

APPROVAL OF STATE RECLAMATION ENGINEER

The number of this permit is R 1016

Recorded in book R 4, page 1016. Approved September 16, 1957

This is to certify that I have examined the within application for a permit to construct a reservoir and appropriate and store the public waters of the State of Idaho, and hereby approve the same, subject to the following limitations and conditions:

Bond in the sum of $, to be filed on or before

Work to begin on or before November 16, 1957 and to continue diligently and uninterruptedly to completion, unless temporarily interrupted by circumstances over which the permit holder has no control.

One-fifth of the work above specified to be completed on or before March 16, 1958

The whole of said work to be completed on or before September 16, 1958

Beneficial use of water stored in accordance herewith, to be made on or before September 16, 1959

Witness my hand this 16th day of September, 19 57.

/s/ MARK R. KULP
State Reclamation Engineer.

IN TESTIMONY WHEREOF, We, ROBERT E. SMYLIE, Governor of the State of Idaho, and JAS. H. YOUNG, Secretary of State of the State of Idaho, have caused this instrument to be executed in the name of the State of Idaho, and caused the Great Seal of the State of Idaho to be hereunto affixed, this 16th day of September, 19 57.

COUNTERSIGNED

By /s/ JAS. H. YOUNG
Secretary of State.

STATE OF IDAHO
By /s/ ROBERT E. SMYLIE
Governor.

(SEAL)

APPROVAL OF STATE RECLAMATION ENGINEER

I, GEO. N. CARTER, State Reclamation Engineer of the State of Idaho, hereby extend the time for the completion of construction work under Permit to Appropriate the Public Waters of the State of Idaho, No. R-1016 to September 16, 1962.

Witness my hand this 23rd day of September, 1958

/s/ Geo. N. Carter
State Reclamation Engineer

Recorded: September 23, 1958

APPLICATION FOR AMENDMENT
LAND LIST
Permit No. R-1016

Comes now Wendell Welling and represents to the State Reclamation Engineer of the State of Idaho:

That he is the owner and holder of Permit to Appropriate the Public Waters of the State of Idaho, No. R-1016, and requests that the list of lands to be irrigated, as described in said Permit, be changed to read as follows:

400 acres of land described as follows: NW¼SW¼, SW¼NW¼, Sec. 5; S½N½, N½S½, S½SE¼, SE¼SW¼, Sec. 6, all in Twp. 12 S., Rge. 44 E., B. M., making a total of 400 acres.

That an additional amount of water is not asked for, and that the rights of others will not be adversely affected by such change.

Signed at Fielding, Utah, this 10th day of October, 1962.

s/ WENDELL WELLING

Date of Receipt at office of Department of Reclamation October 15, 1962

APPROVAL OF STATE RECLAMATION ENGINEER

I, RALPH W. THOMAS, Deputy State Reclamation Engineer of the State of Idaho, hereby approve the above and foregoing application for amendment to Permit to Appropriate the Public Waters of the State of Idaho, No. R-1016. This approval constitutes a new permit and is issued as an amendment to the original permit, to which it refers, and of which it becomes a part, and said application is approved only insofar as the rights of others will not be adversely affected thereby.

s/ RALPH W. THOMAS, Deputy
State Reclamation Engineer

Recorded October 15, 1962

Permit No. R-1016
CERTIFICATE OF COMPLETION OF WORKS

TO ALL WHOM IT MAY CONCERN:

This is to certify that WENDELL WELLING of Fielding, County of Box Elder, and State of Utah, the holder of Permit No. R-1016, issued upon Application No. R-34971, bearing date of priority of August 28, 1957, authorizing the construction of a reservoir, with the right to appropriate and store 200 acres feet per annum of the waters of three unnamed springs, a tributary of Bear River, in the County of Bear Lake, State of Idaho, for irrigation purposes, has fully complied with the provisions of the laws of the State of Idaho relating to the proof of completion of the works set out and described in said Permit; that said works include a dam and reservoir adequate for the storage of 133 acre feet of water per annum, with adequate diversion works and conduit to the reservoir and a conduit capable of conducting said water to the place of intended use; that the point of outlet of said reservoir is located in the NW¼ of the SE¼ of Section 6, Township 12 S., Range 44 E., B. M., and that the place of use, or the lands proposed to be irrigated by the use of said water, are described as follows, to-wit:

400 acres NW¼SW¼, SW¼NW¼, Sec. 5; S½N½, N½S½, S½SE¼, SE¼SW¼, Sec. 6, all in Twp. 12 S., Rge. 44 E., B. M.

Witness my hand this 15th day of October, 1962.

s/ RALPH W. THOMAS, Deputy
State Reclamation Engineer

Proof of Completion of Works Made: July 13, 1962

State of Idaho

WATER LICENSE

Water License No. R-1016 Priority September 12, 1958 (late proof) Amount 200 acre feet

THIS IS TO CERTIFY, that Wendell H. Welling of Fielding, Utah, made application for a permit to appropriate the public waters of the State of Idaho, dated August 28, 1957; that Permit R-1016 was issued pursuant to said application; that the proposed works were completed on or about September 30, 1963, with a storage/or carrying capacity of 200 acre feet, said works consisting of gas powered Beakley pump, Sprinkler system; and that on September 30, 1963, proof was made to the satisfaction of the State Reclamation Engineer, of the beneficial use of 200 acre feet per season, with a maximum rate of diversion of NA cubic feet per second of the waters of three unnamed springs, tributary of _____, for the purpose of irrigation from April 1 to October 31; and for _____ from _____ to _____; and for _____ from _____ to _____; and that the use of said waters has been made in accordance with the laws of Idaho, and is hereby confirmed by the State Reclamation Engineer and entered in the records of the Idaho Department of Reclamation: the point of diversion is located in NW ¼ SE ¼, Sec. 6, T. 12 S, R. 44 E, B.M., and other additional points _____, in the County of Bear Lake; and that the amount of water to which such right is entitled and which is hereby confirmed, for the purposes aforesaid, is limited to an amount actually beneficially used for said purposes and shall not exceed 200 acre feet per year.

Description and location of place of use:

TWP.	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
12 S	44E	6			25	19		9	34	26	40	13		10	32	24	29	3	264
12 S	44 E	5							17			35							52

Total number of acres irrigated 316

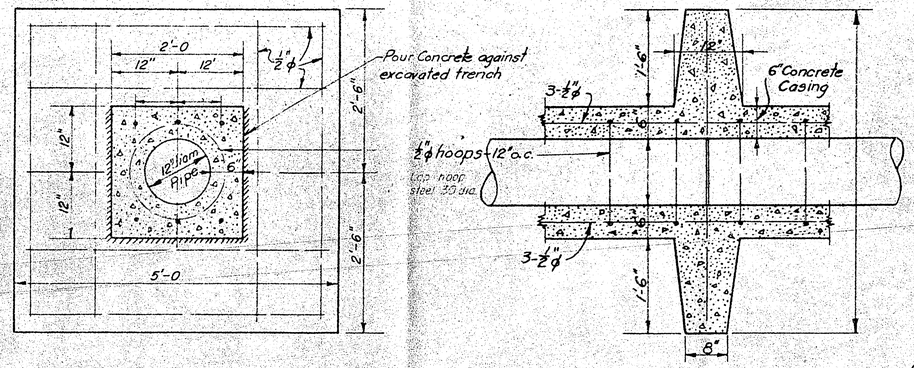
The right to the use of the water hereby confirmed is restricted to the lands or place of use herein described, as provided by the laws of Idaho.

Witness the seal and signature of the State Reclamation Engineer, affixed at Boise, Idaho, this 26 day of June, 1969.

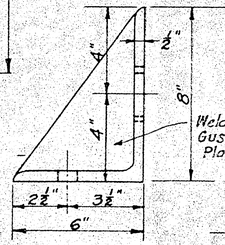
R. Keith Higginson
State Reclamation Engineer

11 2155

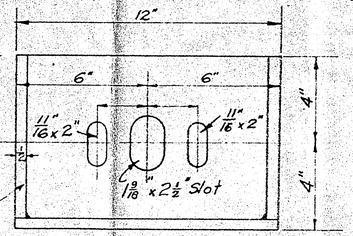
R-1016



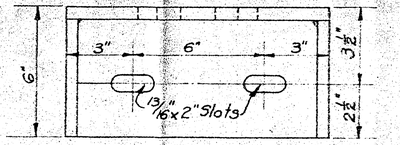
SECTION THROUGH CONCRETE CONDUIT SHOWING COLLARS



SIDE VIEW

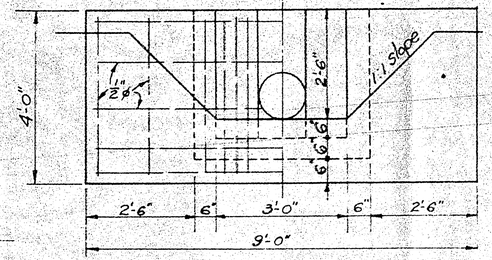


ELEVATION

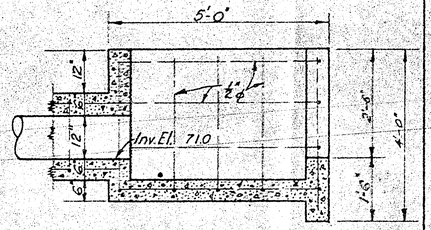


PLAN

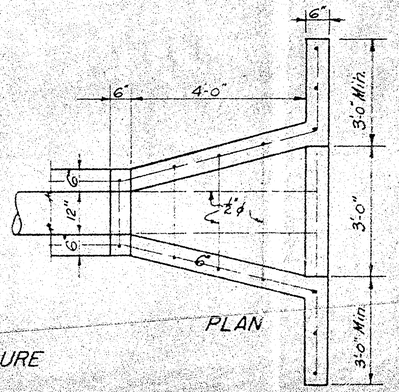
GATE STEM SUPPORT



DOWNSTREAM ELEVATION

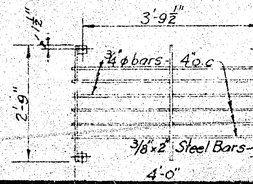


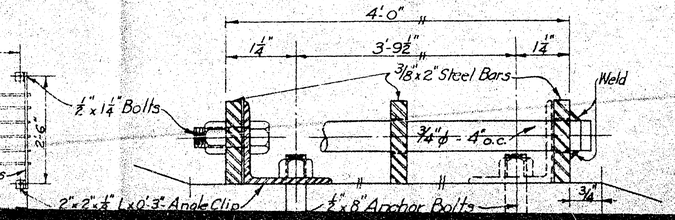
SECTION ON ℄

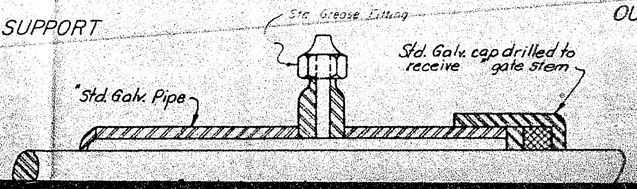


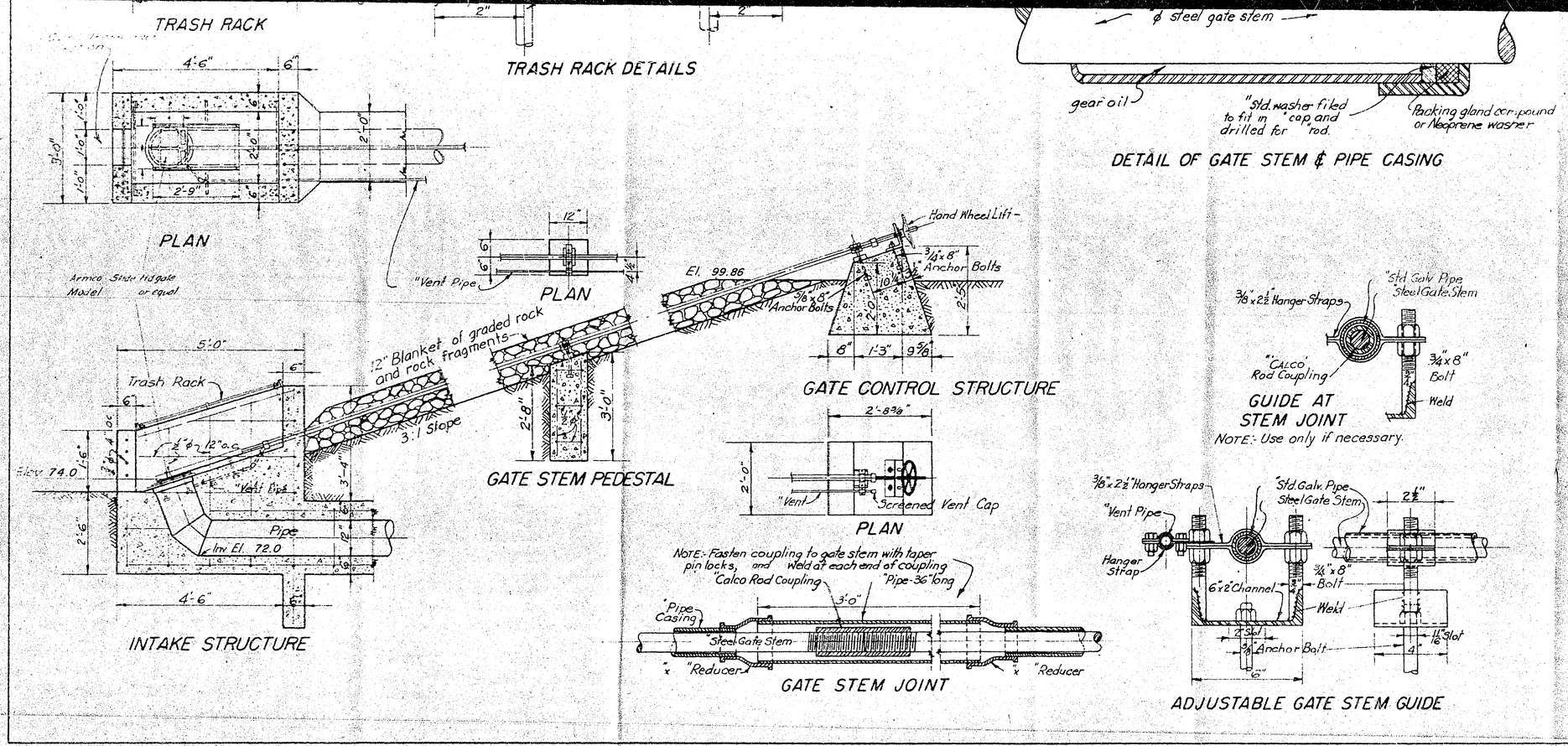
PLAN

OUTLET STRUCTURE









"I am hereby submitting for approval this plan as an officer of the United States Government authorized to approve and submit such plans."

Meader H. Wilkins
State Conservation Engineer, Soil Conservation Service

Approved 6-11-59
M. H. Barter, State Rel. Engr.

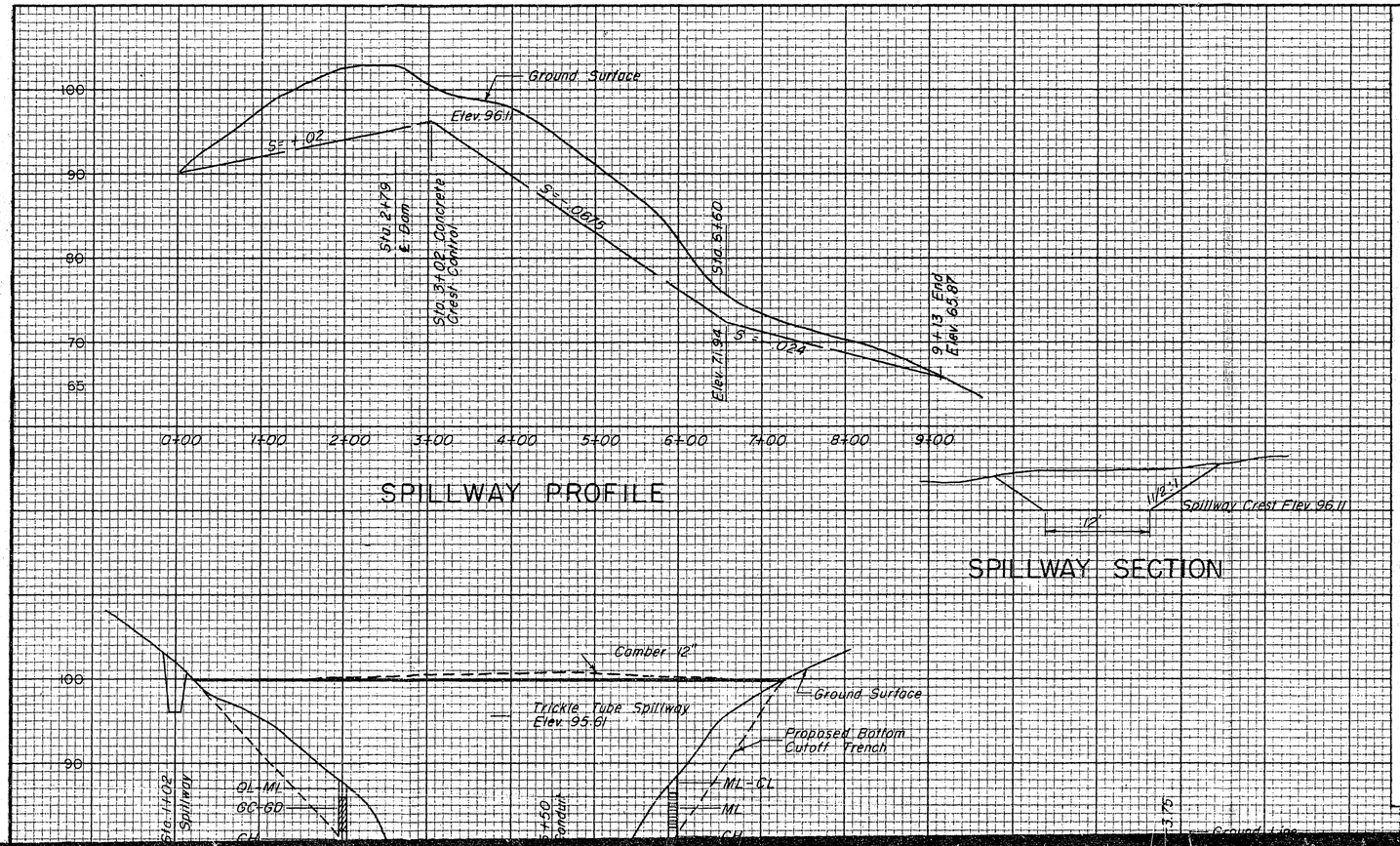
WENDELL WELLING DAM

BEAR LAKE S.C. DISTRICT IDAHO

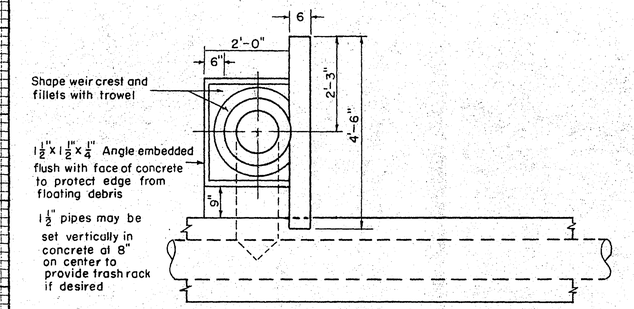
U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Designed H. J. Woodward	10/58	Approved Meader H. Wilkins, State Conservation Engineer	
Traced L.B.G.-H.C.M.-H.J.W.	10/58		
Checked E.O.	10/58	Sheet 4 / 4	Drawing No. 7-E-19597
Reviewed V. King	10/58		

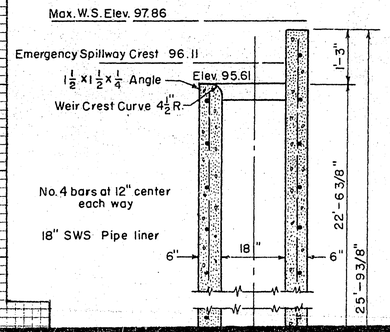
R-1016

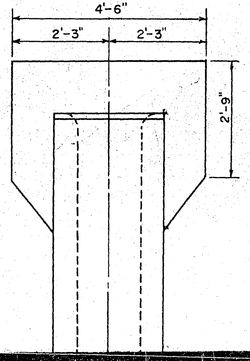


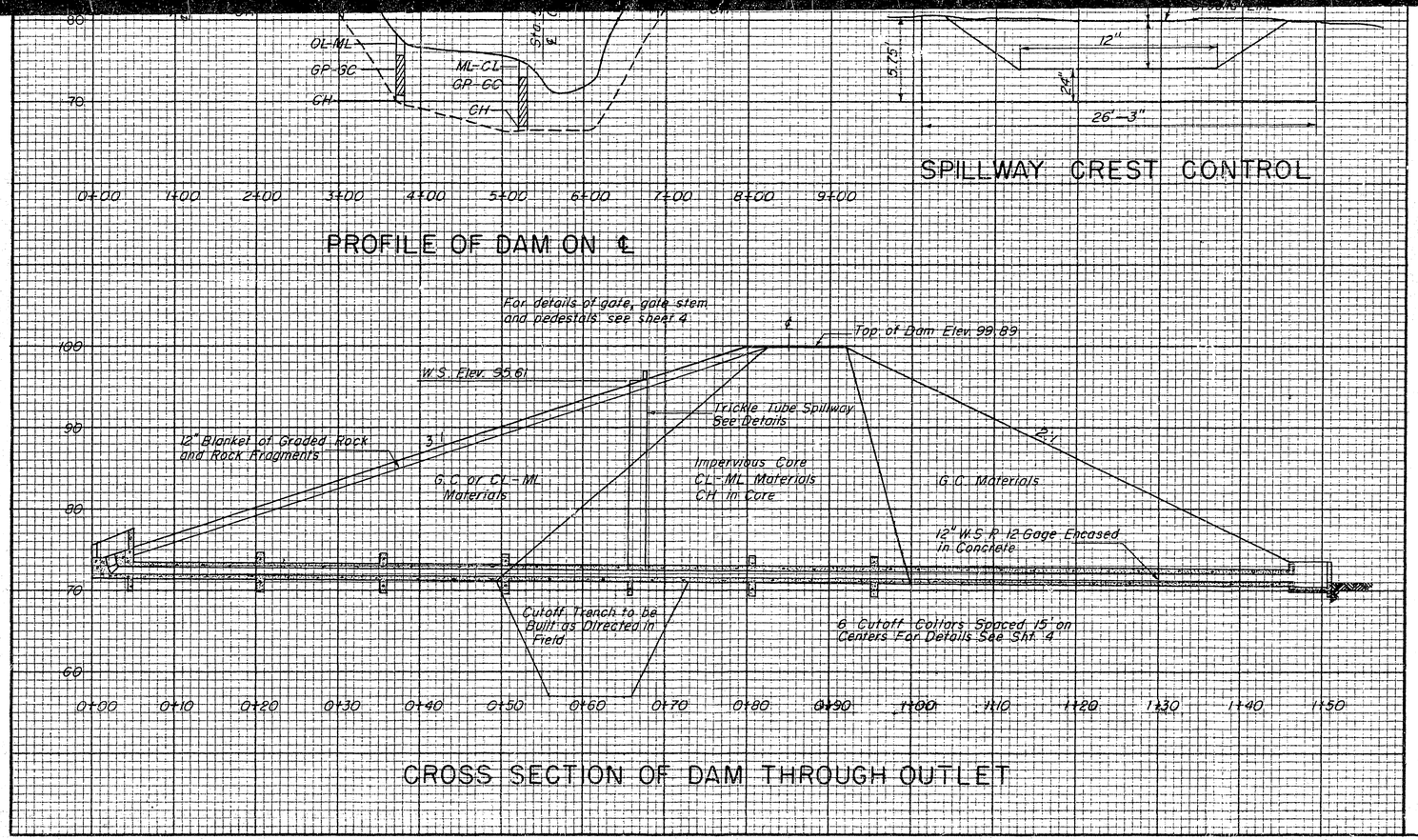
SPILLWAY SECTION

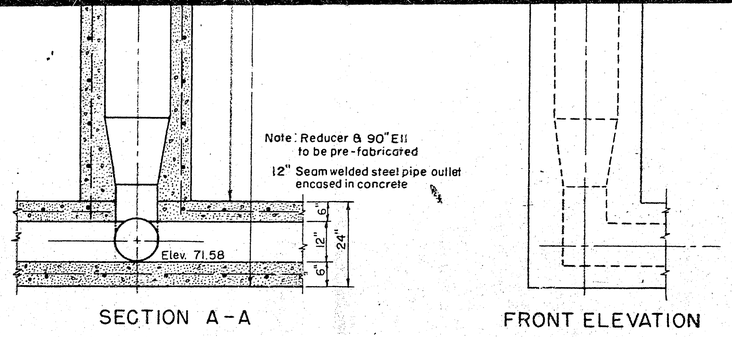


PLAN









TRICKLE SPILLWAY DETAILS

1 0 1 2 3 4 5
SCALE IN FEET

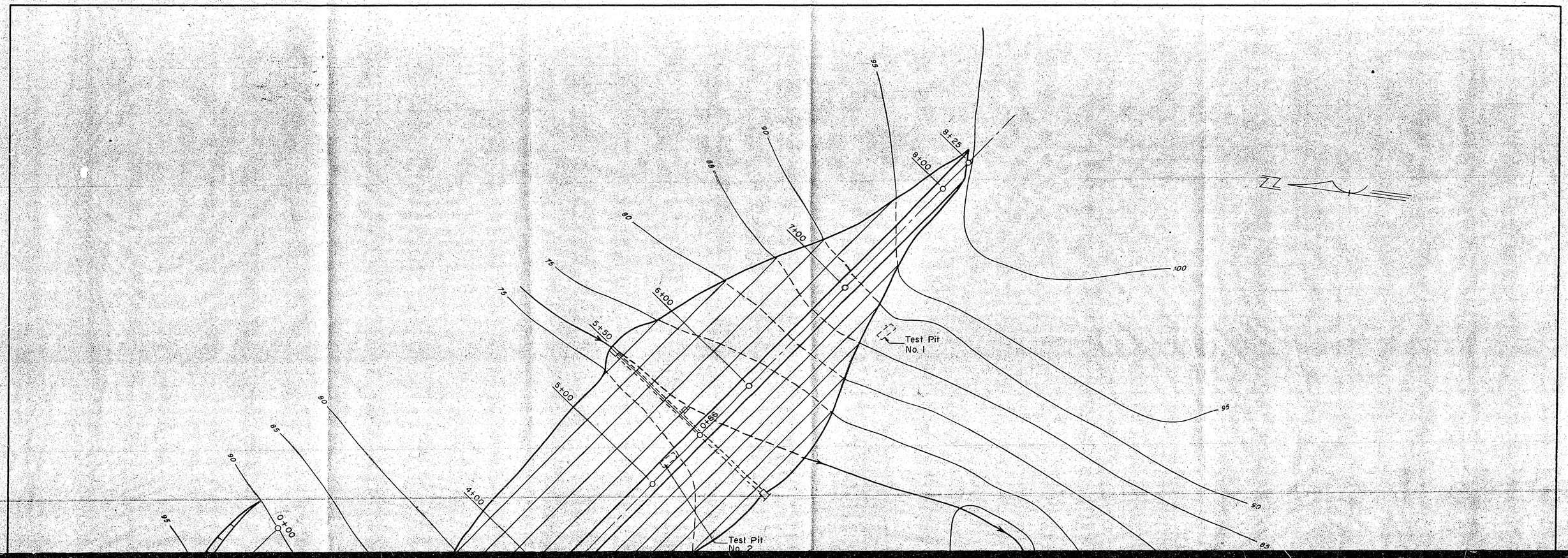
WENDELL WELLING DAM

BEAR LAKE S.C. DISTRICT IDAHO

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

		Date		
Designed	H. J. Woodward	10/58	Approved by	Maader H. Wilkins
Drawn	L.B.G. - H.C.M. - H.J.W.	10/58	Title	State Conservation Engineer
Traced	E.O.	10/58	Title	
Checked	V. King	10/58	Sheet No. 3 of 4	Drawing No. 7-E-19597

2-1016


95
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Test Pit
No. 1
Test Pit
No. 2
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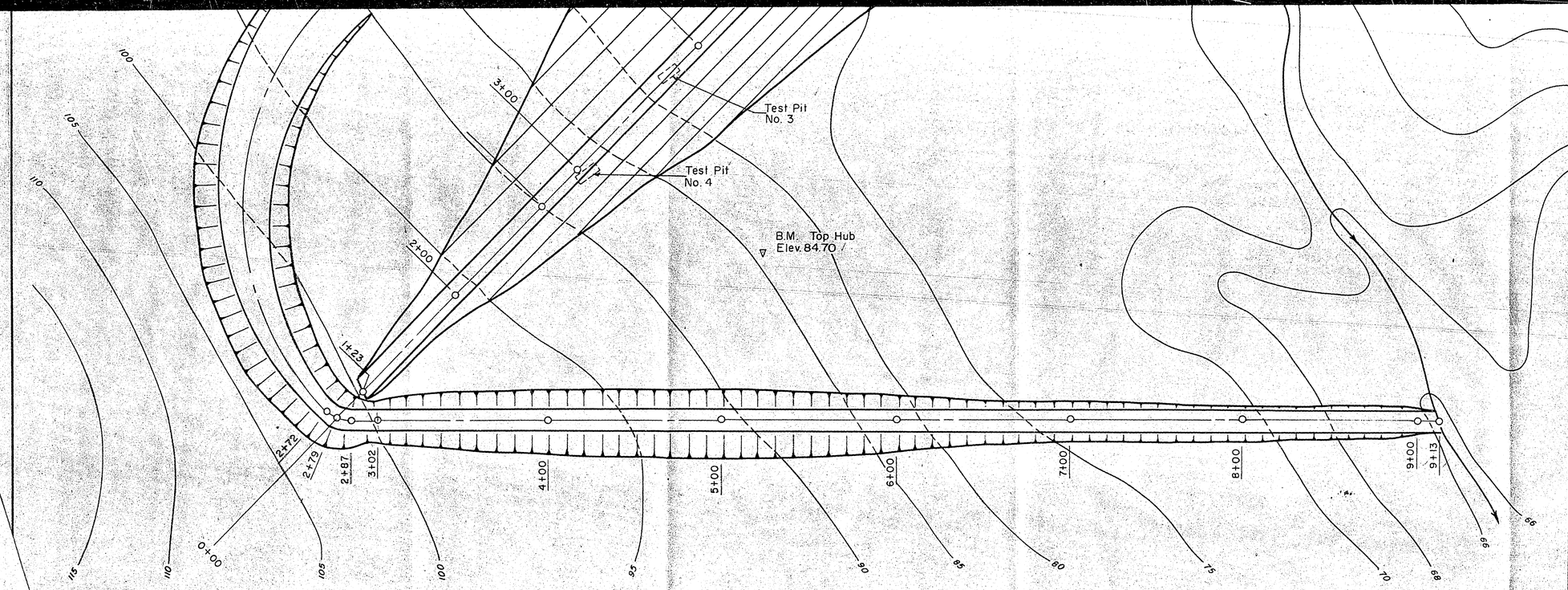

PLAN OF DAM & SPILLWAY

40 0 40 80
SCALE IN FEET

WENDELL WELLING DAM

BEAR LAKE S.C. DISTRICT IDAHO

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

		Date		
Designed	H. J. Woodward	10/58	Approved by	Meader H Wilkins
Drawn	L.B.G.-H.C.M.-H.J.W.	10/58	Title	State Conservation Engineer
Traced	E.O.	10/58	Title	
Checked	V. King	10/58	Sheet No 2 of 4	Drawing No. 7-E-19597

R-1016

6-1-59

Elmer:

I approved

these plans.

G.W.C.

R-1016

WENDELL WELLING DAM

CLASS I PRIVATE ENTERPRISE
Bear Lake Soil Conservation District
Montpelier, Idaho

Mr. Wendell Welling of Fielding, Utah, owns a dry farm in Sec. 5 and 6, R 12 S, T 44 E, Boise Meridian. There are several springs rising in several locations on the farm and draining in two principal channels into the main channel of Bear River in Sec. 6 and 7 in the above named range and township.

Mr. Welling proposes to utilize the flow of these springs by construction of (1) a dam in Section 6 above named and diversion of all named springs into the reservoir in the non-irrigating season. (2) By the utilization of the natural flow and stored water for the irrigation of pasture and hay land during the irrigation season. In order to do this, he has secured storage permit No. and diversion permit No. 27056. The storage permit will allow storage of AC. ft. of water and the diversion permit is for 3.0 CFS. The normal irrigation season flow of these springs is as follows:

a. Channel #1 (SE channel) .70 CFS
   Channel #2 (NW channel) .55 CFS

Geological investigation of a dam site in channel No. 2 about 1000' above its confluence with Bear River. A location map will show the dam and reservoir sites. Results of this investigation are included in a separate report. Logs of the test pits will be located on the ℄ profile of the dam.

DESIGN

Hydrology: The watershed supplying the two channels mentioned above lies in the low alluvial plain adjacent to the east bank of Bear River. It covers an area of about 2 sq. miles, 30% of which is rough and undulating and contributes no flow to the channels. No flow reaches the area from streams of mountains to the east; runoff, therefore, is from a self-contained watershed. The runoff is principally from melted snow. The several springs are perennial in nature and the flow as measured in July, 1958, is 1.25 CFS. The spring flow will be increased by a safety factor of 50% to determine the design flow of the principal or trickle-tube spillway. The flow supplied by snow melt and rainfall from the watershed area will be determined by using drawing 7-0-13424.

Watershed area 1.05 sq. mi. from aerial photo '49
Flight 12 F-148, 149, 198, 199.

Using 7-0-13424, zones of equal runoff, State of Idaho, watershed area is in zone 20.

Q = 53 CSM peak flow, 2% freq. (53) (1.05)

= 56 CFS

R-1016

Hydraulic Design:

Reference is made to Engineering Memo #3, Rev. 2, March 15, 1958. This dam classifies as a class (a) structure.

Emergency spillway:

This spillway will not be designed to meet the limiting criteria in Engineering Memo #3 because the height of dam times the storage in acre feet is less than 3000.

Product = (23) (100) = 2300

Therefore, the above design flow of 56 CFS will be used to design the emergency spillway.

This structure will consist of:

a. Flared inlet channel
b. Crest control
c. Grass-lined spillway channel to creek channel below

Design of crest control:

This control will be designed as a trapezoidal section with 3:1 side slopes. Use Washington Eng. Tech. Release #2 for design criteria.

Hydraulics of control section:

Determine d_c, q_c, b, and H_e for trapezoidal section 3:1 side slopes, Q_c = 56 cfs.

Assume b = 12.0 ft.

then using ES - 24

$$\frac{2}{b} = \frac{3}{12} = .25$$

$$\frac{Q_c}{b} = \frac{56}{12} = 4.67$$

$$d_c = .82 \text{ ft.}$$

$$A_c = b_d + 2_d^2 = (.12)(.82) + 3(.82)^2$$

$$= 9.8 + 2.0$$

$$= 11.8$$

R-1016

$$V_c = \frac{56}{11.8} = 4.75 \text{ fps}$$

$$h_v = .35 \text{ ft.}$$

$$H_c = .35 + 82 = \underline{\underline{1.17 \text{ ft.}}} \quad \leftarrow\text{----}$$

$$H_p = H_{e_c} \quad (1 + d_L)$$

where $e = \frac{257\ n^2}{V_c\ 8/3}$

$h = .035$
$L = 100$
$V_c = 4.75$
$H_{e_c} = 1.17$

2 + 1 - 2 - 2 - 2 $\quad e = \frac{(257)\ (.035)^2}{(4.75)\ 8/3} = \frac{(.257)\ (.035)^2}{63.8} = .005$

$$H_p = 1.17 \quad (1 + .005\ (100)\ ) = 1.17\ (1.5) = 1.755 \text{ ft.}$$

Freeboard 2.0

Total height above crest is equal to
$1.755 + 2.0 = \underline{\underline{3.75 \text{ ft.}}}$ $\leftarrow$--- $\underline{\underline{\text{Use}}}$

Try 16 foot b

$$\frac{2}{b} = \frac{3}{16} = .187$$

$$\frac{Q_c}{b} = \frac{56}{16} = 3.5$$

Using ES - 24

$$d_c = .69 \quad A_c = bd + 2d^2 = (.69)\ (16) + 3\ (.69)^2$$

$$11.0 + 1.34$$

$$= 12.34 \text{ ft}^2$$

$$V_c = \frac{Q_c}{A_c} = \frac{56}{12.34} = 4.54$$

$$h_{v_c} = .32 \qquad H_{e_c} = .69 + .32 = 1.01$$

R-1016

$H_p = H_{e_c} (1 + eL)$

$$e = \frac{257\ (035)^2}{4.54\ 8/3} \quad \frac{(257)\ (.001225)}{56.5} = .0056$$

$H_p = H_{e_c} (1 + (.0056)\ (100)\ )$

$= 1.01\ (1 + .56) = \underline{1.58\ ft.}$ (VOID)

Give inlet channel above crest control a reverse slope of 20:1. Flare to give smooth curved transition.

Downstream section - compute critical slope for grassed channel for Q = 56 cfs flowing at V > 4.75 fps. Maintain 3:1 side slopes. b = 12.0 ft. Use SCS-TP 61 (Bulletin)

Blue Grass or Smooth Brome

Retardance degree B

Maximum permissible velocity (good stand) 5 - 7 fps

$V = 5.0$ fps $\quad A = \frac{56}{5} = 11.=$ sq. ft.

$A = bd + 2d^2$

$11.2 = 12d + 3d^2$

$3d^2 + 12d - 11.2 = 0$

$$d = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a} = \frac{-12 \pm \sqrt{12^2 + (4)\ (3)\ (11.2)}}{6}$$

$$= \frac{-12 \pm \sqrt{144 + 134.4}}{6} = \frac{-12 \pm 16.7}{6} = \frac{4.7}{6} = .78$$

Check $A = bd + 2d^2 = (12)\ (.78) + 3\ (.78)^2$

$= 9.35 + 1.83$

$= 11.18$ sq. ft. Q.E.D.

Using Figure 6, Page 25 in SCS-TP 61

with d = .78 ft. b = 12.0 ft. A = 11. + sq. ft. x = .64 ft.

then using Figure 15, Page 34

v = 5.0 fps r = .64 n = .075 s = .12 or 12% slope

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Check this against available spillway slope.

Design of Dam:

Operating water surface tube	95.61 edge trickle
	96.11 crest elevation
Freeboard	3.75
Top dam	99.86

Layout dam on topog map.

Width of top of dam

$$W = 2\sqrt{H} + 2$$

$$= 2\sqrt{25} + 2$$

$$= 2(5) + 2 = \underline{12 \text{ ft.}} \quad \leftarrow \text{USE}$$

Dam section

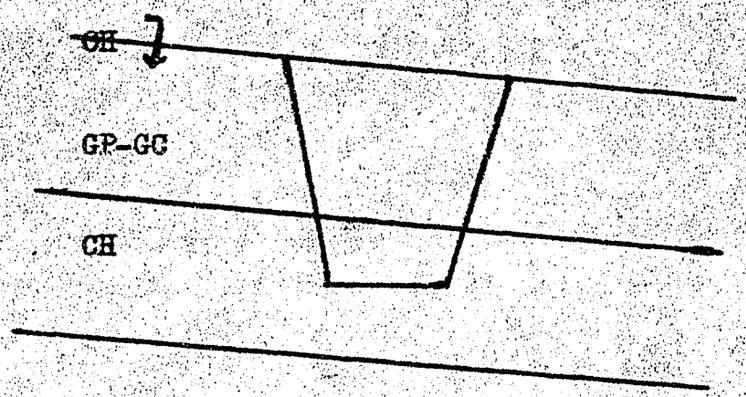
See soil classification sheets.

BG - V - IV	Sample #1	Pit #1	CL - ML	LL 26	P.I. 5
BG II	Sample #2	Pit #1	GC	LL 30	P.I. 10
BG VII	Sample #3	Pit #4	CH	LL 58	P.I. 31

Site configuration. See dam ℄ profile.

Type A

Foundation Classification



Pervious
Very slight compressibility } Type 1B

R-1816

Use design type 2 (See S.M.S. - TM 3 Figure 3)

Dam slopes

U.S. 3:1 (See Tech. Memo
D.S. 2:1 (Soil Mechanics Series #4
(Table 7

Check on spillway flow for downslope from the crest control.

Slope = .0675 (See spillway profile)

Flow retardance factor B "n" = .075

Find d and v

$K = \frac{Q_n}{b\ 8/3\ 5\frac{1}{2}}$ $Q = 56$ $b\ 8/3 = 12\ 8/3 = 7.55$

$n = .075$ $5\frac{1}{2} = .0675 = .26$

$= \frac{(56)\ (.075)}{755\ (.26)} = \frac{4.2}{196.3} = .0214$

$\frac{D}{b} = .075$ $b = 12\ (.075) = 0.9$ ft.

$A = bd + 2d^2 = (12)\ (.9) + 3\ (.9)^2$

$= 10.8 + 2.43 = 13.2$ sq. ft.

$v = \frac{56.0}{13.2} = 4.25$ fps OK

Try $Z = 1\frac{1}{2}:1$ or $S = .0675$

$\frac{D}{b} = .0775$ $D = 12 \times .0775 = 0.93'$

$A = bd + 2d^2 = (12)\ (.93) + 1.5\ (.81)$

$= 11.16 + 1.22$

$= 12.38$ ft.^{2}

$v = \frac{56}{12.38} = 4.53$ better yet <u>use $Z = 1\frac{1}{2}:1$</u>

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STORAGE CAPACITY

Contour	Square Inches	Area in Sq. Feet	Surface Area-Ac.	Average Of Area In Sq. Ft.	Volume Ft^3	Vol. Acre Ft.	Acc. Acre Ft.
71.3	0	0	0	0	0	0	0
				3000	11,100	.255	
75	.6	6,000	.14				.255
				37,250	186,250	4.28	
80	6.85	68,500	1.57				4.53
				127,750	638,750	14.6	
85	18.70	187,000	4.3				19.13
				274,950	1,374,750	31.6	
90	36.29	362,900	8.31				50.73
				472,700	2,363,500	54.5	
95	58.25	582,500	13.3				105.23
				601,500	366,915	8.45	
95.61	62.05	620,500	14.3				113.68

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COMPUTATION ZERO AIR VOIDS CURVE

Percent Voids	Abs. Sp. Gr.	Dry Weight Soil	Weight Moisture	Percent Moisture	
0	2.60	162.24	0	0	
10		146.01	6.24	4.27	
15		137.90	9.36	6.79	
20		129.79	12.48	9.61	
25		121.68	15.60	12.82	Sample #1
30		113.57	18.72	16.48	Pit #1 - 0 - 3'
35		105.46	21.84	20.71	
40		97.34	24.96	25.64	
0	2.69	167.85	0	0	
10		151.06	6.24		
20		134.30	12.48	9.29	
25		125.88	15.60	12.40	Sample #2
30		117.50	18.72	15.93	Pit #1 - lower zone
35		109.10	21.84	20.0	
40		100.70	24.96	24.8	
45		92.30	28.08	30.42	
0	2.72	169.7	0	0	
20		135.7	12.48	9.18	
25		127.2	15.60	12.25	
30		118.7	18.72	15.75	Pit #4
35		110.2	21.84	19.85	Core 3' - 5'
40		101.7	24.96	24.50	
45		93.2	28.08	30.10	

R-1016

C
O
P
Y

Geologic Report
Wendell Welling Damsite
Montpelier, Idaho
May 26, 1959

The Welling damsite is located about 5 miles north of Montpelier, Idaho. The drainage is a tributary of the Bear River. No hazard is involved except the loss to the landowner's investment. A break in the dam would release the water directly into the Bear River. The proposed dam will be approximately 30' high and store water for irrigation.

Conclusions: A safe dam can be constructed on this site at a reasonable cost.

The site is underlain by lacustrine deposits of clays, silts, sands and gravels that provide a pervious foundation.

Adequate borrow can be obtained from the valley slopes adjacent to the dam.

Recommendations: A relatively shallow cutoff can be obtained into relatively impervious CH soils (max. 10').

The upstream channel section should be blanketed to reduce seepage losses through sands and gravels of the channel. The soils in the flood plain upstream from the centerline (reservoir area) should be left undisturbed.

Suitable borrow should be obtained from the upstream valley slopes and from the downstream area.

Discussion: The damsite is located in lacustrine deposits where clays and silts are interbedded with sands and gravels. Clayey silts are found exposed on the surface and occur to a safe depth on the valley slopes. The floodplain is filled with a sandy gravelly clay that has created a swampy condition in the upstream area. Channel deposits are chiefly sands and gravels. The channel has cut below the floodplain deposits to the underlying sandy and gravelly stratum. It will not be possible to completely cut off this pervious area but upstream blanketing in the channel will reduce seepage losses.

Reviewed and approved.
By _____ Date _____

cc - Woodward, Pocatello
King, Pocatello
Wilkins, Boise

MATERIALS TESTING LABORATORY REPORT	EWP-5 (10-20-56) Portland, Oregon	SOIL CLASSIFICATION

PROJECT	LOCATION
Wendell Welling	Bear Lake SCD, Idaho

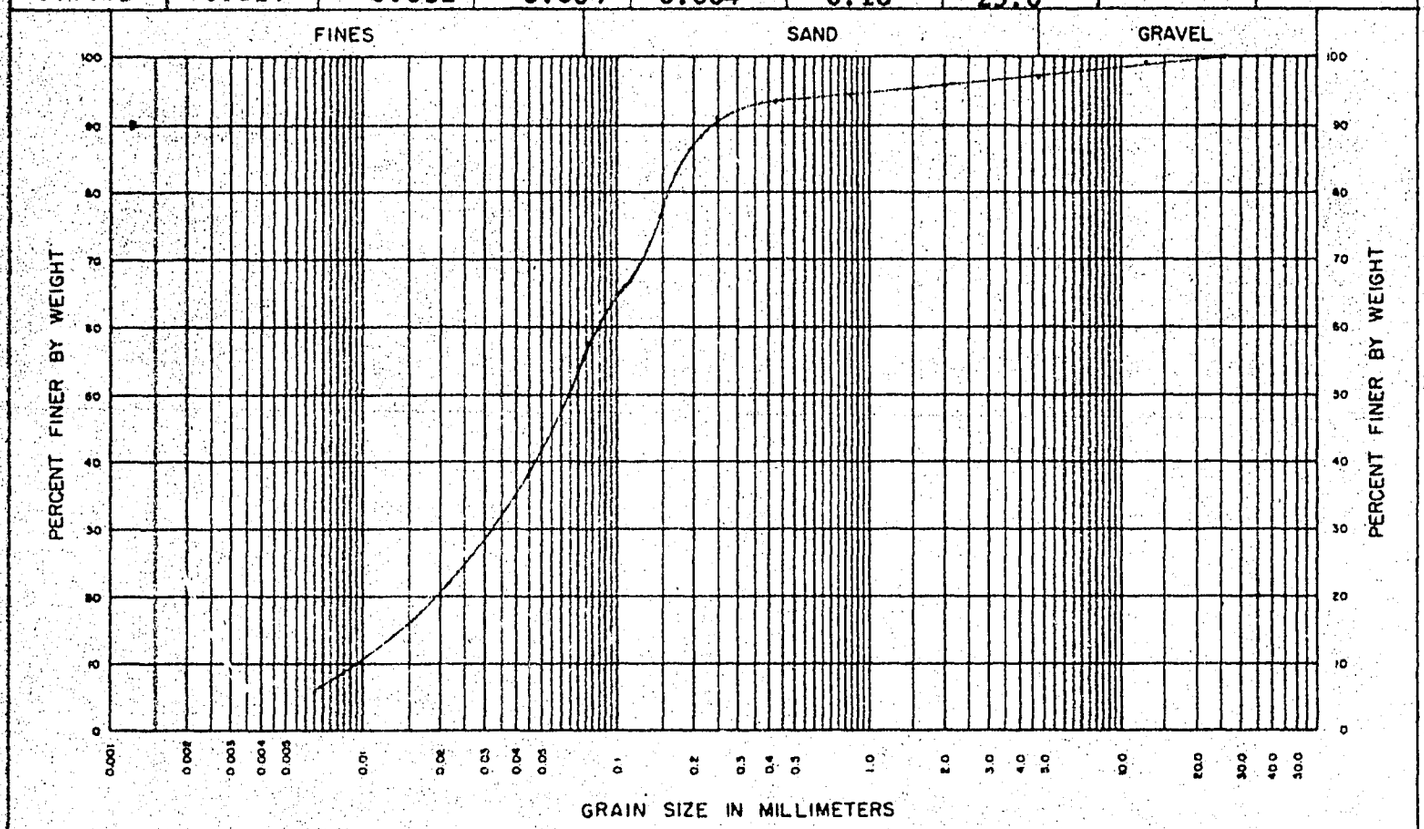
FIELD SAMPLE No.	TYPE of SAMPLE	ORIGIN
1	Bag	Depth 1-3 ft., Pit #1

PROPOSED USE	LABORATORY SAMPLE No.	SUBMITTED BY
Fill	590089	H. J. Woodward

1: SYMBOL	2: DESCRIPTION
CL-ML	Sandy, clayey silt.

3: GRAIN SIZE DISTRIBUTION

D_{10}	D_{15}	D_{30}	D_{50}	D_{60}	D_{85}	D_{MAX}	C_u	C_c
0.0095	0.014	0.032	0.064	0.084	0.18	25.0	--	--



4: SPECIFIC GRAVITY	5: ATTERBERG LIMITS						6: TOTAL SALTS	7: UNDISTURBED CONDITION	
	UNDISTURBED		AIR DRY		OVEN DRY			MOISTURE	UNIT WEIGHT
G	LL	PI	LL	PI	LL	PI			
2.60	--	--	26	5	--	--	-- %	-- %	-- lb/ft³

8: REMARKS

U. S. DEPARTMENT of AGRICULTURE SOIL CONSERVATION SERVICE ENGINEERING and WATERSHED PLANNING UNIT PORTLAND, OREGON	SIGNATURE: K Stevenson	
	TITLE: Civil Engineer	DATE: 9/3/58

R-1016 7-0-14820-L

MATERIALS TESTING LABORATORY REPORT	EWP-5 (10-20-56) Portland, Oregon	SOIL CLASSIFICATION

PROJECT	LOCATION
Wendell Welling	Bear Lake SCD, Idaho

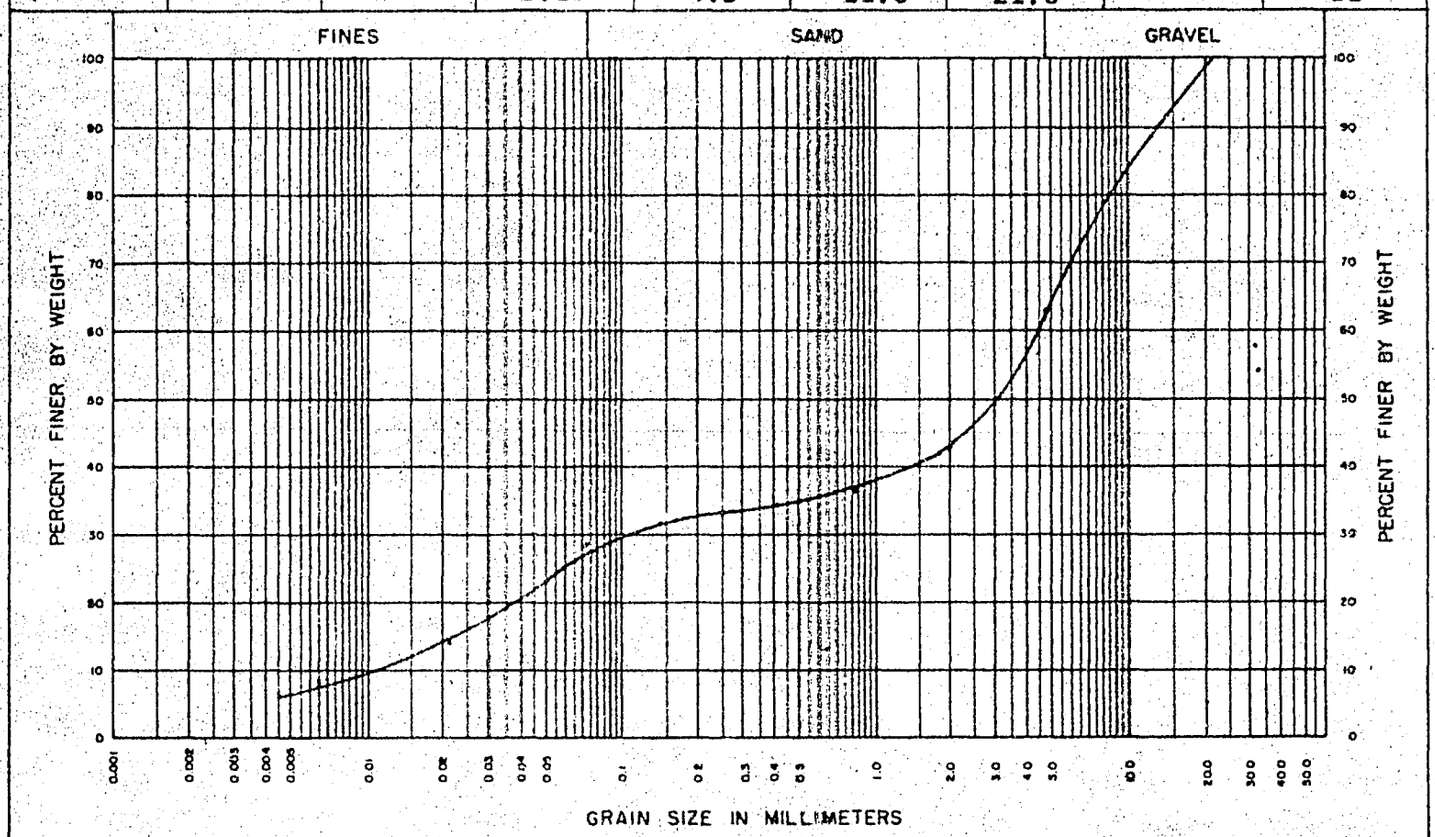
FIELD SAMPLE No.	TYPE of SAMPLE	ORIGIN
2	Bag	Depth 3.0 to 5.0 ft., Pit #1

PROPOSED USE	LABORATORY SAMPLE No	SUBMITTED BY
Fill	590090	H. J. Woodward

1: SYMBOL	2: DESCRIPTION
GC	Calcareous, sandy, clayey gravel

3: GRAIN SIZE DISTRIBUTION

D_{10}	D_{15}	D_{30}	D_{50}	D_{60}	D_{85}	D_{MAX}	C_u	C_c
0.011	0.023	0.11	3.10	4.5	11.0	21.0	--	--



4: SPECIFIC GRAVITY	5: ATTERBERG LIMITS						6: TOTAL SALTS	7: UNDISTURBED CONDITION	
	UNDISTURBED		AIR DRY		OVEN DRY			MOISTURE	UNIT WEIGHT
G	LL	PI	LL	PI	LL	PI			
2.69	--	--	30	10	--	--	-- %	-- %	-- lb/ft³

8: REMARKS

Absorption of rock 1.17%
Apparent density of rock 155.1 lbs./cu.ft.

U. S. DEPARTMENT of AGRICULTURE
SOIL CONSERVATION SERVICE
ENGINEERING and WATERSHED PLANNING UNIT
PORTLAND, OREGON

SIGNATURE: J. Stevenson

TITLE: Civil Engineer

DATE: 9/3/58

R-1016

7-0-14820-L

MATERIALS TESTING LABORATORY REPORT	EWP-5 (10-20-56) Portland, Oregon	SOIL CLASSIFICATION

PROJECT	LOCATION
Wendell Welling	Bear Lake SCD, Idaho

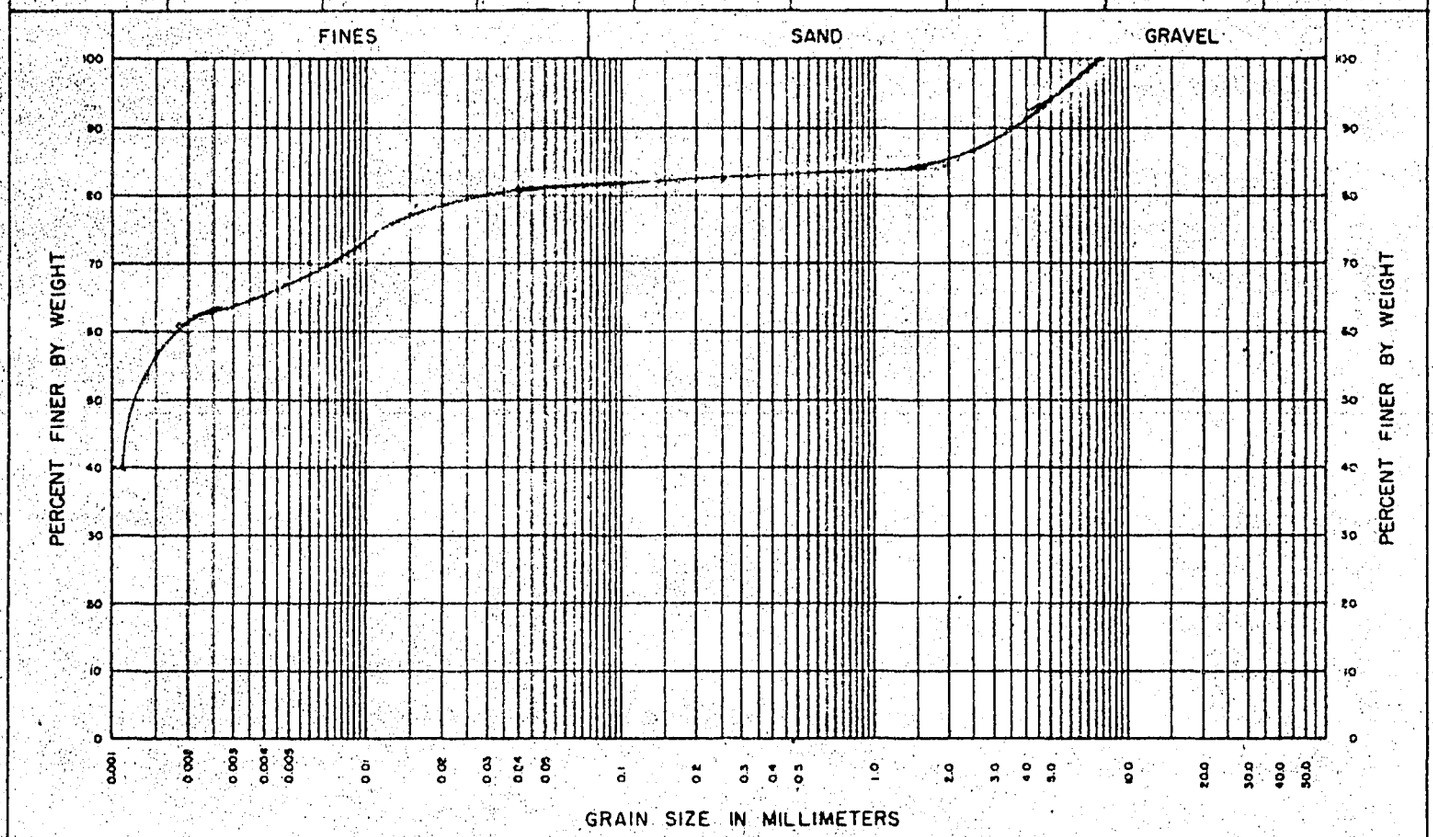
FIELD SAMPLE No.	TYPE of SAMPLE	ORIGIN
3	Bag	Depth 3.0 to 5.0 ft., Pit #4

PROPOSED USE	LABORATORY SAMPLE No.	SUBMITTED BY
Core	590091	H. J. Woodward

1: SYMBOL	2: DESCRIPTION
CH	Calcareous, sandy clay.

3: GRAIN SIZE DISTRIBUTION

D_{10}	D_{15}	D_{30}	D_{50}	D_{60}	D_{85}	D_{MAX}	C_u	C_c
--	--	--	0.0012	0.0018	1.8	7.5	--	--



4: SPECIFIC GRAVITY	5: ATTERBERG LIMITS						6: TOTAL SALTS	7: UNDISTURBED CONDITION	
	UNDISTURBED		AIR DRY		OVEN DRY			MOISTURE	UNIT WEIGHT
G 2.72	LL --	PI --	LL 58	PI 31	LL --	PI --	-- %	-- %	-- lb/ft³

8: REMARKS

U. S. DEPARTMENT of AGRICULTURE SOIL CONSERVATION SERVICE ENGINEERING and WATERSHED PLANNING UNIT PORTLAND, OREGON	SIGNATURE: J. C. Stimson	
	TITLE: Civil Engineer	DATE: 9/3/58

R-1016

M-2009 7-0-14820-L

SCS -352 (10/57)

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
SOIL MECHANICS LABORATORY

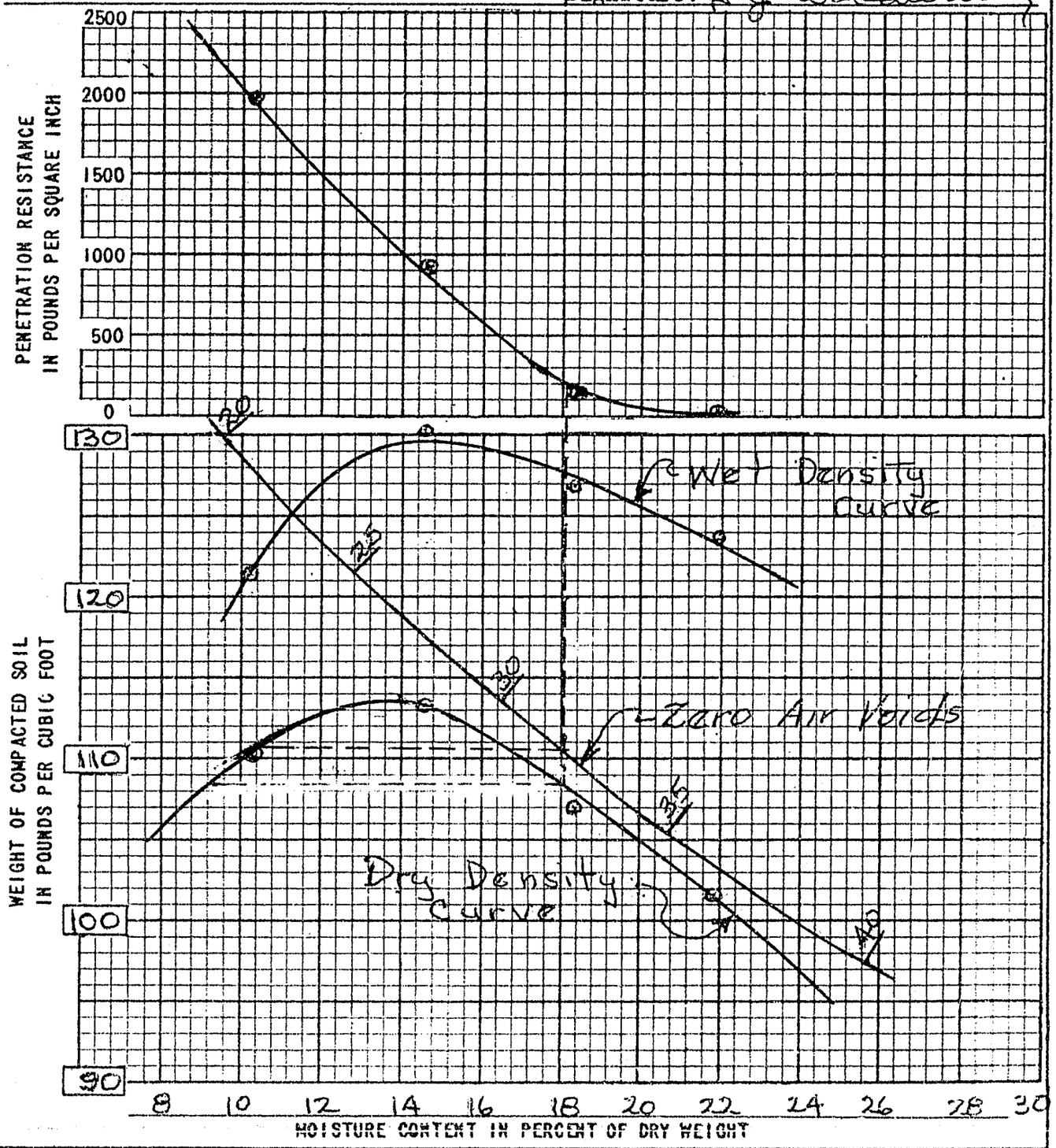
COMPACTION AND PENETRATION RESISTANCE REPORT

Date July 24, 1958 Sample No.: Field Pit #1 #1 Lab —

Project Wendell Welling Dam Location Bear Lake SCD

Sample Location and Depth Pit # 1 0" - 3'-0"

Signature: H. J. Woodward



TYPE OF TEST	TEST PROCEDURE	Classification CL-ML
☒ Standard Proctor	Weight of Hammer 5.5 Lbs.	____ % Material Compacted
☐ Modified AASHO	Drop 12 Inches	Passed ____ Sieve
☐ Other ____	Lifts 3 50 Blows	(Sp. Gr.) Gs - 2.60 gr/cc
	Vol. of Cylinder 1/30 Cu. Ft.	Curve 1 of 3

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SB-M26

SCS-352 (10/57)

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
SOIL MECHANICS LABORATORY

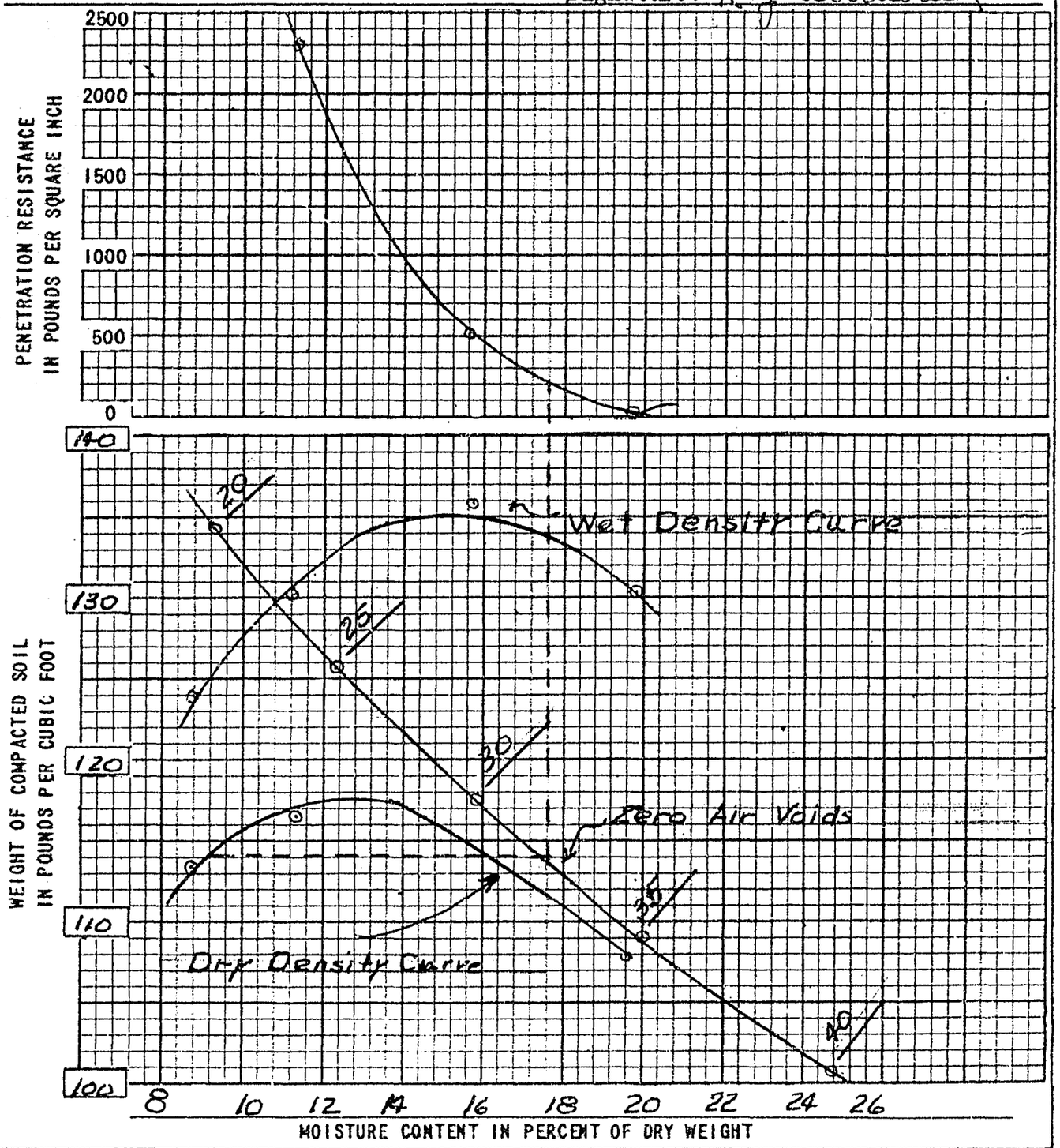
COMPACTION AND PENETRATION RESISTANCE REPORT

Date 8-11-58 Sample No.: Field 2 Lab

Project Wendell Welling Dam Location Bear Lake S.C.D.

Sample Location and Depth Pit #1 Lower Zone

Signature: H. J. Woodward



TYPE OF TEST	TEST PROCEDURE	
☒ Standard Proctor	Weight of Hammer 5.5 Lbs.	Classification GC
☐ Modified AASHO	Drop 12 Inches	____ % Material Compacted
☐ Other ____	Lifts 3	Passed ____ Sieve
	Vol. of Cylinder 1/30 Cu. Ft.	(Sp. Gr.) Gs - 2.69 gr/cc
		Curve 2 of 3

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58-M26

SCS -352 (10/57)

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
SOIL MECHANICS LABORATORY

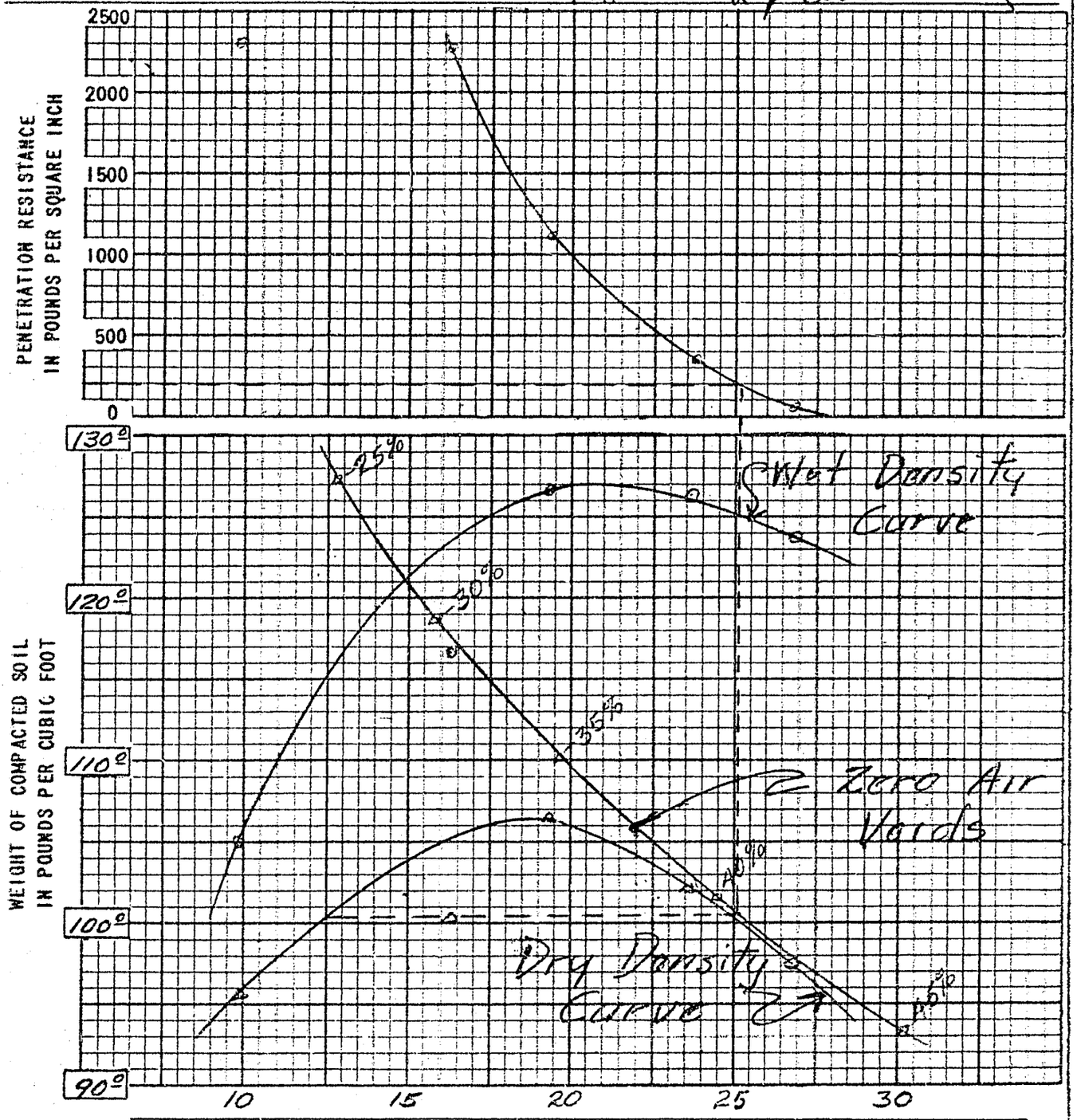
COMPACTION AND PENETRATION RESISTANCE REPORT

Date 10-10-58 Sample No.: Field 3 Lab

Project W. WELLING'S Location BEAR LAKE SCD

Sample Location and Depth PIT #4 (3'-5')

Signature: H. J. Woodward



TYPE OF TEST	TEST PROCEDURE	
☒ Standard Proctor	Weight of Hammer 5.5 Lbs.	Classification CH
☐ Modified AASHO	Drop 12 Inches	____ % Material Compacted
☐ Other ____	Lifts 3 50 Blows	Passed ____ Sieve
	Vol. of Cylinder 1/30 Cu. Ft.	(Sp. Gr.) Gs - 2.72 gr/cc
		Curve 3 of 3

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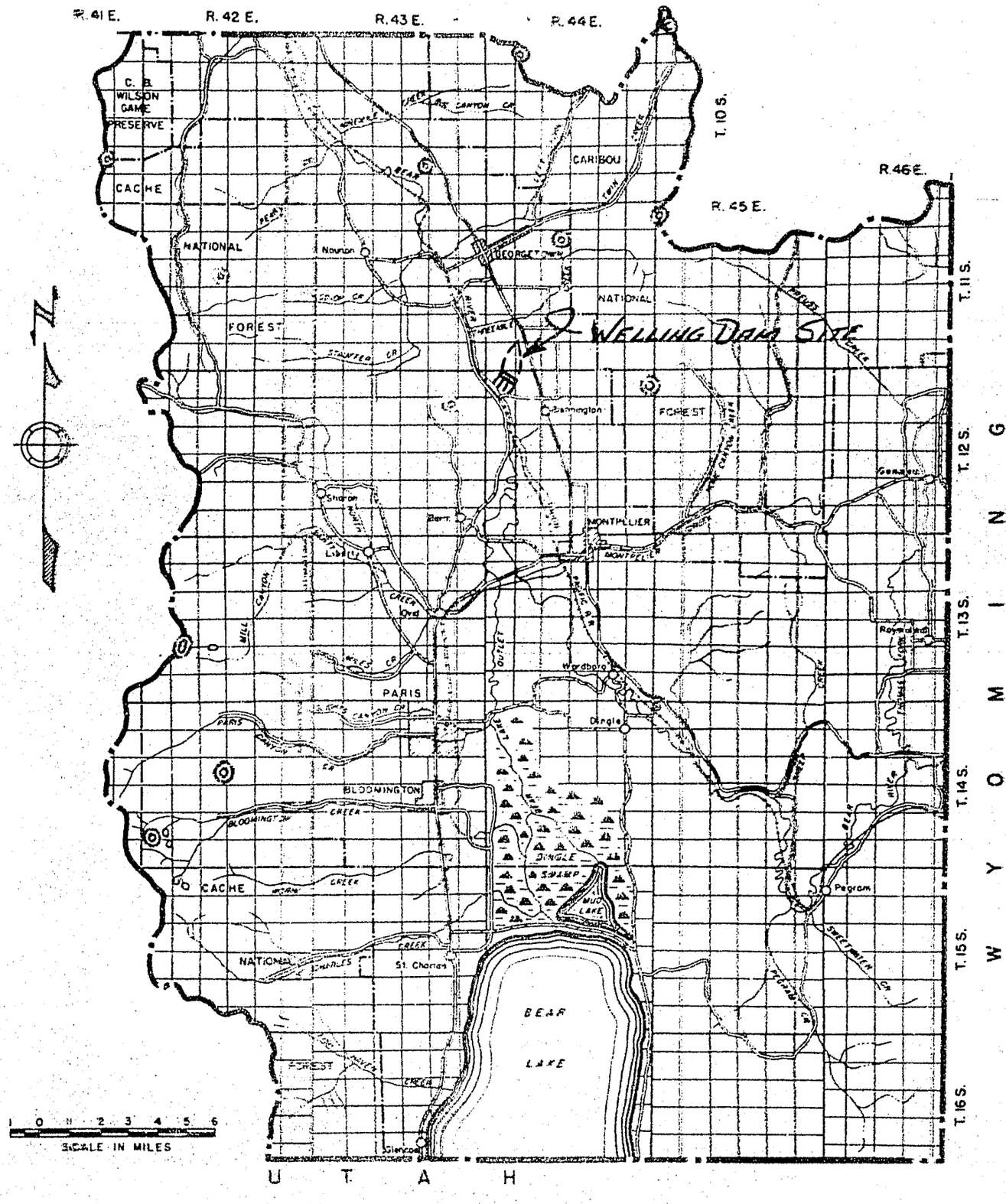
58-M28



LOCATION MAP

BEAR LAKE SOIL CONSERVATION DISTRICT

BEAR LAKE COUNTY, IDAHO

March 14, 1944

R-1016 9-L-3306

SPECIFICATIONS
WENDELL WELLING DAM
BEAR LAKE SCD, IDAHO

A. DEFINITION OF TERMS AND RELATIONSHIPS

The following terms are used in these specifications. Their meanings shall be as follows:

1. Wendell Welling, Fielding, Utah, owner of the dam, represented by himself.

   Mr. Welling is responsible for all expenditures for construction. All items of work to be paid by him must have his approval.

   It is understood that Mr. Welling will execute the plans and specifications to the best of his ability and that any changes made as construction progresses will be made with the advice and concurrence of the SCS Engineer and approval of the State Reclamation Engineer.

2. "District". The Bear Lake Soil Conservation District represented by their Board of Directors or their authorized representative.

   Technical assistance of the Soil Conservation Service is provided through the District.

3. "SCS Engineer". The District Engineer of the U. S. Soil Conservation Service representing the Portneuf Soil Conservation District or his authorized representative.

   The SCS Engineer, acting as a technical adviser for Mr. Welling, has compiled these plans and specifications. He will provide surveys, tests, and technical direction of the work so that the job may be constructed as planned. He cannot authorize changes without the approval of Mr. Welling.

4. "Reclamation Engineer". The State Reclamation Engineer of Idaho or his authorized representative.

   Under the provisions of the water laws of Idaho the Reclamation Engineer is charged with the examination and approval of sites, plans, specifications and inspection of construction to insure safety of such work with reference to possible damage to life and property.

   These plans and specifications must have the written approval of the Reclamation Engineer prior to initiation of construction. It is further required that the work performed in the construction of the dam and materials that are used in construction that become a part of the completed structure shall at all times be subject

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to the approval of the Reclamation Engineer and that no material changes in plans or specifications made necessary during construction by unforeseen contingencies or otherwise shall be made without prior approval of the Reclamation Engineer.

5. "Plans". The official plans numbered Sheets 1, 2, 3 and 4 approved by the SCS and Reclamation Engineer are part of these specifications.

6. "Specifications". The directions, provisions and requirements contained herein pertain to the method and manner of performance of the work and to the quality of material to be used.

B. SCOPE OF PLANS AND SPECIFICATIONS

1. Intent of Plans and Specifications. These plans and specifications are prepared for the purpose of controlling construction to the extent that quality structures will be built.

2. Deviation from Plans and Specifications. No deviation from the plans or specifications will be permitted without the consent of the SCS Engineer. The SCS Engineer will obtain other approvals when necessary.

3. Changes in Plans and Specifications. Where conditions arise that indicate a need for a change of the plans or specifications, these changes shall be initiated by the SCS Engineer in charge and submitted by him to the Reclamation Engineer for approval. All changes shall be authorized in writing.

4. Coordination of Plans and Specifications. In case of conflict between the requirements and provisions set forth in the plans and specifications the provision of the specification takes precedence over that of the plan.

5. Right to Discontinue Cooperation. If Mr. Walling fails to follow plans and specifications as agreed to, then the District may withdraw all technical assistance upon notification of the Reclamation Engineer of such withdrawal.

C. CONSTRUCTION SPECIFICATIONS

1.0 Excavation.

1.1 Borrow Pits. All materials required for construction of the embankment that are not available from required excavation shall be taken from borrow pits. The proposed locations and extent of borrow pits are shown on the plan. The sites of the borrow pits shall be carefully stripped of all surface soil, vegetation, roots, brush, sod, and other objectionable material. This material shall not be used in any part of the fill.

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1.2 Embankment Foundation. The dam foundation shall be stripped or excavated to a sufficient depth to remove all surface soil, vegetation, roots, brush, sod, and other material not suitable for foundations. Before fill is placed, the foundation and abutment areas shall have their surfaces in a loose and scored condition by discing to depths of 3 - 4 inches to provide a good bond between the foundation and the embankment. Loose earth shall not be left on the foundation area to a depth in excess of 6" above approved, undisturbed foundation material. This loose bonding surface shall contain adequate moisture for proper compaction when fill material is placed on it. No foundations or abutments shall be covered by material of the dam until the SCS Engineer has inspected and approved the same.

1.3 Cutoff Trench. An artificial barrier or cutoff to prevent leakage through or under the base of the dam shall be constructed. This barrier will consist of a cutoff trench backfilled with selected impervious material, properly compacted. The trench shall extend the full length of the dam. It shall be excavated to impervious material or to such depths that will prevent excessive seepage as directed by the engineer. The cutoff trench shall be located as shown on the plans and shall have a minimum bottom width of 10 feet. The side slopes of the trench shall not be steeper than 1 horizontal to 1 vertical. It shall be dewatered before any fill material is placed. No fill material shall be placed in the cutoff trench until the SCS Engineer has inspected and approved the trench. Final location and extent of the cutoff shall be determined by the SCS Engineer at such time as the excavation can be made.

1.4 Spillway. An emergency spillway channel approximately 700 feet long shall be excavated through the abutment as shown on the plans. This channel shall be excavated to the line and grade for finished section for an open grassed type spillway but shall not include the actual establishment of the vegetative cover. Material excavated from the spillway will be used in the main embankment if suitable. Any material excavated that is not suitable will be wasted. Machine excavation shall be accepted as satisfactory for the excavation of the spillway except for the spillway control structure. Over-excavations, however, will be filled and tamped to provide a degree of compaction equal to adjacent undisturbed earth. Excavation for the spillway control structure shall be as described in item 1.5.

1.5 Structures. Excavation for the outlet conduit and other concrete structures shall be confined to neat lines and grades so that the bottom and the sides are suitable forms for the concrete encasement, cutoff collars, or other appurtenances. No concrete shall be poured in the outlet conduit trench until the SCS Engineer has inspected and approved it.

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2.0 Outlet Conduit and Other Structures.

The outlet conduit shall consist of a 12 inch 12 gauge welded steel pipe, inner liner encased in reinforced concrete, a control gate, and inlet and outlet structures. The minimum thickness of concrete encasement shall be six inches. The concrete cutoff collars shall be considered an integral part of the conduit encasement. All parts of the structure, including the trickle tube spillway and the spillway crest control, shall be constructed as shown on the plans and in accordance with the following specifications.

2.1 Concrete. Concrete shall be mixed and placed as specified below.

2.1.1 Cement. To be Portland Cement of a standard Commercial brand, free of lumps and partially set masses. In no case shall less than 5-1/2 sacks of cement be used in each cubic yard of concrete. Plant mix concrete available in the vicinity is satisfactory if all provisions for cement, water, aggregates, additives and mixing are complied with.

2.1.2 Water. Water shall be free of acid, alkali, oils, and organic matter. Simple rule--water should be suitable for drinking.

2.1.3 Aggregate. This may be of non-commercial sources, provided it has adequately graded, clean, hard, strong, durable particles, and is sufficiently free of deleterious substances when it meets the following limitations.

(1) When separated on the number four standard screen, the weight passing the sieve shall not be less than thirty percent nor more than fifty percent of the total. No rock shall exceed 1-1/2" diameter.

(2) Clay lumps do not exceed 1.5 percent.

(3) All other deleterious substances do not exceed 5 percent.

2.1.4 Mixing. Mixing shall be continued for at least 1-1/2 minutes after all materials, including water, are in mixer. Each batch shall be completely discharged before the mixer is recharged. No more than 6-1/2 gallons of water per sack of cement shall be used. This includes surface water in the aggregates. Excessive overmixing requiring the addition of water to preserve the required concrete consistency shall not be permitted.

Truck mixing will be allowed provided that the use of this method does not violate any applicable provisions of these specifications for concrete.

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2.1.5 Measurement of Materials. Equipment used for measuring quantities shall be calibrated so the correct quantity of material measured is known.

2.1.6 Forms. Forms shall conform to the shape, lines, and dimensions of the members as called for on the plans, and shall be substantial and sufficiently tight to prevent leakage of mortar. They shall be properly braced and tied together so as to maintain position and shape.

2.1.7 Placing Concrete. Forms shall be wetted or oiled and thoroughly cleaned of debris and ice. Depositing continuously at one point and letting it flow to distant points shall not be allowed since the water and fines segregate from the rest of the mass. The concrete shall be spaded next to the forms to prevent honeycombing. Laitance and increased water in the upper portions of the concrete shall be prevented. Excess water shall be worked to a low point without causing flow, and be removed.

2.1.8 Reinforcing Steel. Reinforcing steel shall be furnished, fabricated and placed as shown on the plans. All reinforcing bars shall be deformed bars of structural grade steel. Reinforcing steel, before being placed in the forms, shall be thoroughly cleaned of loose mill and rust scale, oil, dirt or other coatings of any character that would destroy or reduce the bond.

2.1.9 Construction Joints. Joints not indicated on the plans shall be so made and located as to least impair the strength of the structure. Where a joint is to be made, the surface of the concrete shall be thoroughly cleaned, and all laitance removed. In addition to the foregoing, vertical joints shall thoroughly wetted, but not saturated, and flushed with a coat of neat cement grout immediately before the placing of new concrete.

2.1.10 Curing. All exposed concrete shall be moist cured for a period of 14 days or cured by a membrane seal which shall be maintained intact for a period of thirty days. When membrane seals are used they shall be applied within 30 minutes after concrete placing.

Wet curing for concrete which is to be covered by the earth embankment may be reduced from 14 days to 7 days. All concrete shall be protected from

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the direct rays of the sun for not less than 3 days. White pigmented compounds are recommended for use as a membrane seal and will give satisfactory protection from the direct rays of the sun. All concrete shall be protected against freezing for at least the period required for moist curing. When concrete is placed in freezing weather it shall be heated to maintain a temperature of not less than 70° for 72 hours or 50° for 5 days and the protection continued above freezing for the required curing period. Calcium chloride may be added or high-early-strength concretes to reduce the curing and time of protection. This time shall be not less than 1/3 the time required for standard cement.

3.0 Emergency Spillway.

This item covers construction of vegetated spillway as detailed in drawing Sheet #2 with concrete spillway crest control.

3.1 Excavation. Excavation shall be as described previously in items 1.4 and 1.5 to the lines and grades as indicated on the drawings.

3.2 Concrete. Concrete work shall be done in accordance with provisions for concrete in item 2.0.

3.3 Finishing. Excavation shall be to neat lines and grades as previously described in item 1.4. The seed bed preparation, seeding and establishing of stand shall be done by the company in accordance with SCS-ACP specifications for grassed waterways.

4.0 Structural Backfill.

No backfill shall be placed against the structure for 7 days after the concrete has been poured.

Fill material shall be placed against the structures by hand in maximum layers of 6 inches and thoroughly compacted by hand operated tampers.

No compaction equipment such as the sheeps foot roller will be used for compacting within 18 inches of a structure.

Moisture and density shall be the same as required for the earth embankment.

Selected impervious material shall be used for all structural backfill.

R-1016

5.0 Earth Embankment.

5.1 Foundation Preparation. The foundation for the earth fill shall be so prepared by leveling and rolling that the surface materials of the foundation will be as compact and will bonded with the first layer of the fill as herein specified for the subsequent layers of the earth fill.

5.2 Quality of Materials. The earth fill portion of the dam, including the fill around the outlet conduit and in the cutoff trenches shall consist of soil materials, approved by the SCS Engineer, from borrow areas shown on the plan and from excavations required for other parts of the work. No brush, roots, sod, or other perishable or compressible debris shall be placed in the embankment. No stones having maximum dimensions of more than five inches shall be placed in the embankment; any such stones hauled onto the embankment shall be removed before rolling.

5.3 Placement of Materials. Fill materials will be placed in the embankment in the following manner:

5.3.1 The approved mixture of earth materials shall be placed in the embankment in continuous, approximately level layers having a thickness of not more than 8 inches before compaction.

5.3.2 An acceptable working range of moisture content shall be established by the engineer for each type of fill material prior to the start of construction, and no material shall placed in the embankment which does not have a moisture content within its specified working range. (See: 5.4 Moisture Control, and 5.6 Data for Estimating.)

5.3.3 The distribution of materials shall be such that the embankment will be free from lenses, pockets, streaks, or layers differing appreciably in texture from the surrounding material.

5.3.4 The fill materials shall be compacted by means of a tamping roller of such size and weight that the materials will be compacted to the densities specified herein or by the engineer as construction progresses. (See: 5.5 Compaction Control and 5.6, Data for Estimating.)

5.3.5 The first course of fill material shall be spread over the foundation in a thin layer so that the combined thickness of this layer and the scarified surface of the foundation shall not exceed 8 inches before compaction.

R-1016

5.3.6 If the rolled surface of any lift becomes too smooth for proper bond, it shall be adequately scarified before placement of the next lift.

5.4 Moisture Control. The abutments, the surface of the fill, and the materials being placed shall be maintained at the proper moisture content during the placement operations. The moisture content shall be controlled in the following manner:

5.4.1 If the foundation and/or abutments have insufficient moisture content, water shall be added by sprinkling.

5.4.2 The application of water to the fill materials shall be accomplished by irrigation of the borrow areas.

5.4.3 Any material or surface which has dried to below the required moisture content shall be uniformly moistened, by sprinkling, before the material is compacted or before a dried surface is covered by additional fill material.

5.4.4 Material having a moisture content higher than that specified by the engineer shall be removed from the fill or allowed to dry to an acceptable condition before being compacted.

5.4.5 Adjustment of moisture content will be made on the basis of determinations of moisture content made by the engineer or inspector as construction progresses.

5.5 Compaction Control. Compaction of the fill materials shall be accomplished and controlled in the following manner:

5.5.1 The tamping roller shall be of the sheepsfoot type and shall have a minimum ballasted weight of 1250 pounds per foot of width. The projected face area of each tamping knob and the number and spacing of the knobs shall be such that the total weight of the ballasted roller, when distributed over one row of knobs, will result in a minimum contacted pressure of 250 pounds per square inch.

5.5.2 Tamping rollers will be operated at a speed of approximately 3 miles per hour.

5.5.3 Each lift of fill material shall be compacted by passing the tamping roller over the entire surface of the lift the number of times required to obtain the desired density.

R-1016

5.5.4 The rate of placement of fill material will be adjusted as required on the basis of determinations of fill density, in place, made by the engineer or inspector as construction progresses.

5.6 Data for Determining Compaction. Moisture and compaction data are included on 2 sheets attached. (Curves to be furnished)

5.6.1 Estimating Compaction and Rate of Placement. Compaction required shall not exceed 15 trips per 6" compacted layer with a roller weighing 1800 lbs. per linear foot or 20 trips with a roller weighing 1250 lbs. per linear foot.

Rate of placement corresponding to the above rollers is 50 and 35 cubic yds. per hour for each 4 foot roller unit respectively.

6.0 Dumped Riprap.

The upstream face of the dam shall be protected by riprap between the elevations 71.00 feet and 97.00 feet.

The riprap shall have a minimum thickness of 12 inches and be placed on a 6 inch gravel blanket or the blanket may be eliminated by using 18 inches of rock riprap containing 30 to 35% gravel or spalls.

7.0 Metal Work.

7.1 Intake gate. The intake gate shall be an Armco Slide Gate Model 101 or the equivalent, placed according to the manufacturer's recommendation and the plans.

7.2 Other Metal Work. Other metal work shall be procured or fabricated and installed in accordance with the plans.

8.0 Clean Up.

8.1 General Appearance. The site shall be left with a neat workmanlike appearance.

8.2 Finishing. Steep banks, borrow areas and other rough spots shall be smoothed to facilitate revegetation. Stripping and waste material, if not otherwise used, shall be spread.

R-1016

Project plan
For
CONSERVATION OPERATIONS
For the
WENDELL WELLING DAM

OUR SOIL ★ OUR STRENGTH

SOIL CONSERVATION SERVICE
UNITED STATES DEPARTMENT OF AGRICULTURE

Assisting the
BEAR LAKE

SOIL CONSERVATION DISTRICT
STATE of IDAHO

September 17, 1957

Re: Permit No. R-34971

Mr. Wendell Welling
Montpelier,
Idaho

Dear Mr. Welling:

Confirming our telephone conversation of last Friday, we are writing you stating that your reservoir permit storing the water from three un-named springs has been approved by Mr. Kulp.

It will probably be another week before we can return to you your signed permit, as the same has to be signed by the Governor and Secretary of State and recorded before sending it to you, however, we will get it to you at our first opportunity.

Very truly yours,

MARK R. KULP
State Reclamation Engineer
By

Roy W. Thompson
Office Manager

RWT:lw

R-1016

October 3, 1957

Re: Permit No. R-1016

Mr. Wendell Welling
Montpelier,
Idaho

Dear Mr. Welling:

We enclose Permit No. R-1016 in which we direct your attention to the limitations and conditions as given on the fourth page under approval of the State Reclamation Engineer.

We also enclose departmental receipt No. 28762 which was issued covering payment in the amount of $5.00 for the filing fee of the above mentioned permit.

Very truly yours,

MARK R. HULP
State Reclamation Engineer
By

Edna P. Rutledge (Mrs.)
Chief Clerk

EPR:lw
Encls.

R-1016

STATE OF IDAHO

DEPARTMENT OF RECLAMATION

BOISE

INSTRUCTIONS

PROOF OF COMPLETION OF WORKS

Re: Permit No. R-1016

Boise, Idaho
July 1, 1958

Mr. Wendell H. Welling
Box 60, Fielding, Utah

Dear Sir:-

Under the terms of your permit No. R-1016 you are required to complete you diversion works on or before September 16, 1958. I enclose blank affidavit to be filled out, sworn to by you before a Notary Public or a Justice of the Peace, and returned to this office on or before the above date, or within ten days thereafter, for the purpose of making proof of completion under the permit. Upon receipt of this affidavit in this office, provided the same satisfactorily shows the completion of the works substantially in accordance with the terms of the permit, together with a fee of $5.00, a Certificate of Completion will be issued to you.

The certificate to be issued under this proof will not give a perpetual right to the use of water for which application was made, as it only confirms the completion of works of a capacity to divert and convey to the place of intended use a certain amount of water. The law requires that another proof be submitted when the water has been fully applied to a beneficial use, at which time license is issued for the amount of water actually in use. Information in regard to this last proof will be furnished on request.

Very truly yours,

GEO. N. CARTER
State Reclamation Engineer

Enc.

R-1016

RECEIVED
SEP 15 1958
Department of Reclamation

W. H. WELLING GRAIN CO.
FIELDING, UTAH — PHONE GL 8-2291
MONTPELIER, IDAHO — PHONE 154

Fielding Utah
Sept 10th 1958

Mr Geo. N. Carter
Dept. Of Reclamation
Boise, Idaho

Dear Mr Carter;

Regards; — Permit no. R-1016 — you wrote me on July 1st, — stating that I would be cancelled out, if my reservoir project was not completed by Sept 16-1958.

I have been two years working with the soil conservation office and your office, getting this project to where it is; — Mr Woodward of Pocatello adviced me to write you this letter explaining that the reservoir ~~has~~ just been approved and the plans would be in your office within a week;

I am in need of 45 days extension on this proof of completion you are requesting. I have contractor allready to start working as soon as plans are given to us.

Yours truly
R-1016 Wendell Welling

Time is running out, but will you approve an extension, if application for extention is properly made?

Yes.

9-15-58

The S.L.S. called me about it about one month ago. Make applcn. for extension for 4 years

GMC.

R-1016

September 18, 1958

Re: Permit No. R-1016

Mr. Wendell H. Welling
Box # 60
Fielding, Utah

Dear Mr. Wellings:

We acknowledge receipt of your letter of September 10, 1958, and note the circumstances which have prevented you from proceeding with the works required under the terms of your Permit No. R-1016.

Your original application for this permit asked for only one year within which to make completion of works, but the statutes allow up to a maximum of five years.

You may, therefore, apply for an extension of time for an additional four years, and we enclose a form of application for such extension herewith.

This should be executed by you before a Notary Public and returned promptly to this office for approval and record.

Very truly yours,

GEO. N. CARTER
State Reclamation Engineer
By

Chief Clerk

A
Encl.

R-1016

Permit No. R-1016

Application for Extension of Time

FOR COMPLETION OF WORKS

Theodore H. Walling, of Fielding Utah

State of Utah, being first duly sworn, upon his oath deposes and says:

He is the owner and holder of Permit to Appropriate the Public Waters of the State of Idaho No. R-1016 a reservoir at Bennington Idaho

Under the terms and conditions of said permit, construction work thereunder was required to be completed by Sept. 16, 1958

That he has heretofore performed the following work described under said permit

The survey and maps have been completed, but none of the actual construction, has been started yet. we are awaiting approval.

costing $

That he is unable to complete the remainder of the work within the required time, for the following reasons, to-wit:

We are just now recieving the O.K. from the State engineer, He will have plans completed within the next few days, at which time He will give us the go-ahead.

We expect to complete the first phase this fall according to Mr Woodward's plans

WHEREFORE, He asks that the ~~Commissioner of~~ State Engineer Reclamation extend the time for the completion of works under said permit to Sept 16, 1962

Theodore H. Walling

Subscribed and sworn to before me this 22nd day of September, 1958

F. F. Fredrickson

Notary Public.

My commission expires Dec. 30th. 1958

Date of receipt at office of Department of Reclamation Sept. 23, 1958

APPROVAL OF STATE RECLAMATION ENGINEER

~~APPROVAL OF COMMISSIONER OF RECLAMATION~~

I, GEO. N. CARTER, ~~Commissioner of~~ State Engineer Reclamation of the State of Idaho, hereby extend the time for the completion of construction work under Permit to Appropriate the Public Waters of the State of Idaho, No. R-1016 to September 16, 1962

Witness my hand this 23rd day of September, 1958

Geo. N. Carter

State ~~Commissioner of~~ Reclamation Engineer

R-1016 R-1016

September 26, 1958

Re: Permit No. R-1016

Mr. Wendell H. Welling
P. O. Box 60
Fielding, Utah

Dear Mr. Welling:

Enclosed is the Approval of State Reclamation Engineer for an Extension of Time for completion of construction work under the terms of Permit No. R-1016 to September 16, 1962, as same was recorded in the Department of Reclamation in Book R4 of Permits at Page 1016. This extension should now be attached to the original permit to which it refers and to which it becomes an extended limitation.

Very truly yours,

GEO. N. CARTER
State Reclamation Engineer
By

Chief Clerk

EPR:nls
Enc.

COPY

R-1016

STATE OF IDAHO

DEPARTMENT OF RECLAMATION

INSTRUCTIONS

PROOF OF COMPLETION OF WORKS

Boise, Idaho

Re : Permit No. R-1016

July 2, 1962

Wendell H. Welling
Box 60
Fielding, Utah

Dear Mr. Welling:

Under the terms of your Permit No. R-1016 you are required to complete your diversion works on or before Sept. 16, 1962. I enclose blank affidavit to be filled out, sworn to by you before a Notary Public, or a Justice of the Peace, and returned to this office on or before the above date, or within ten days thereafter, for the purpose of making proof of completion under the permit. Upon receipt of this affidavit in this office, provided the same satisfactorily shows the completion of the works substantially in accordance with the terms of the permit, together with a fee of $5.00, a Certificate of Completion will be issued to you.

The certificate to be issued under this proof will not give a perpetual right to the use of water for which application was made, as it only confirms the completion of works of a capacity to divert and convey to the place of intended use a certain amount of water. The law requires that another proof be submitted when the water has been fully applied to a beneficial use, at which time license is issued for the amount of water actually in use. Information in regard to this last proof will be furnished on request.

Very truly yours,

GEO. N. CARTER

State Reclamation Engineer

Enc. Form 6

R-1016

ROBERT E. SMYLIE
Governor

GEO. N CARTER
State Reclamation Engineer

STATE OF IDAHO

DEPARTMENT OF RECLAMATION
107 STATE HOUSE
BOISE

RECEIVED
OCT 15 1962
Department of Reclamation

September 24, 1962

Re: Permit No. R-1016

Wendell Welling
P. O. Box 60
Fielding, Utah

Dear Mr. Welling:

We received your proof of completion of works under your permit with the $5.00 fee for the certificate.

You show the land to be irrigated as 400 acres in Sections 5 and 6, whereas your permit shows you were to irrigate W½NW¼, N½SW¼, SE¼SW¼, S½SE¼, Sec. 6, T. 12 S., R. 44 E.

Enclosed is a form to amend the land list which must be completed if you want to include the extra land. Kindly complete the form and return to this office with $1.00 fee for recording the amendment or we can issue the certificate for the land shown on the permit.

Kindly advise promptly.

Very truly yours,

GEO. N. CARTER
State Reclamation Engineer

By: Ralph W Thomas

RALPH W. THOMAS, Deputy
State Reclamation Engineer

RT:ew

Enc. amendment form

R-1016

3/02 carry Ewer

PHONE FIELDING, UTAH GL 8-2291

PHONE MONTPELIER, IDAHO 154

Wendell H. Welling

GRAIN DEALER

RECEIVED
OCT 15 1962
Department of Reclamation

Oct,loth 1962

Mr. Ralph W. Thomas, Deputy
State Reclamation Engineer
Boise, Idaho

Dear Mr. Thomas;

Idont have the new description here in my office, However the new description that Mr John Hodge sent to you is the most accurate, And if you would be so kind as to enter it into this new inclosed form which I have signed then this matter would be completed.

This will save me a trip to Paris Idaho to gather this information for you.

I thank you

Wendell Welling

R-1016 pR

September 24, 1962

Re: Permit No. R-1016

Wendell Welling
P. O. Box 60
Fielding, Utah

Dear Mr. Welling:

We received your proof of completion of works under your permit with the $5.00 fee for the certificate.

You show the land to be irrigated as 400 acres in Sections 5 and 6, whereas your permit shows you were to irrigate W½NW¼, N½SW¼, SE¼SW¼, S½SE¼, Sec. 6, T. 12 S., R. 4½ E.

Enclosed is a form to amend the land list which must be completed if you want to include the extra land. Kindly complete the form and return to this office with $1.00 fee for recording the amendment or we can issue the certificate for the land shown on the permit.

Kindly advise promptly.

Very truly yours,

GEO. N. CARTER
State Reclamation Engineer

By:

RALPH W. THOMAS, Deputy
State Reclamation Engineer

RT:cw

Enc. amendment form

R-1016

FORM 10-A

STATE OF IDAHO

DEPARTMENT OF RECLAMATION

Re: Permit No. R-1016

Date:
June 28, 1963

Wendell H. Welling
Box 60
Fielding, Utah

Dear Mr. Welling:

The date for proof of application of water to beneficial use, as set out under the terms of Permit No. R-1016 is due not later than Sept. 16, 1963. If by this date you are not prepared to make this proof, you may make it at a later date, however, your priority will be advanced the same length of time for which the proof is late.

Before this proof can be made, the statutory requirement is that a notice of your intention of proof be published once a week for four consecutive weeks in a newspaper within the county.

We enclose Form 10, in duplicate, which is to be filled in and returned to this department at least forty (40) days before the above mentioned date and/or before the time you intend to make proof. This form, in duplicate, is to include the time of day, the date, the name of the town, the address of the Notary Public before whom you will appear to make the depositions of proof (this may be at any place that is convenient for you and your two witnesses), the quantity of water, for what purpose it is used, the point or points of diversion and the location of use or lands which are irrigated - by legal land description. Descriptions should be taken from your Permit, including any amendments thereto, as recorded in this department. If changes have been made and no amendments are on record, we advise that you request a form for this purpose before your notice is published.

Also enclosed is Form 11, which is the authorization for us to have the notice published in the designated county newspaper, at your expense. This is to be returned with Forms 10.

At the time we send the notice to the newspaper we will send to you the forms for the depositions of holder and two disinterested witnesses. It is important that the depositions be executed at the time, on the date set and at the place named, before the Notary Public, as advertised in the publication notice.

The amount of water allowed in a license cannot be more than is actually produced and measured and put to beneficial use, and cannot be more than the statutory amount allowable per acre of land actually found by field inspection to have been irrigated at the time of proof.

Very truly yours,

CARL E. TAPPAN, Acting
State Reclamation Engineer

Enc. Form 10 - 11

R-1016

RECEIVED
OCT 15 1962
Department of Reclamation

Application for Amendment

LAND LIST

Permit No. R-1016

Comes now Wendell Welling, and represents to the STATE RECLAMATION ENGINEER of the State of Idaho:

That he is the owner and holder of Permit to Appropriate the Public Waters of the State of Idaho, No. R-1016, and requests that the list of lands to be irrigated, as described in said permit, be changed to read as follows:

400 acres of land described as follows:

NW¼SW¼, SW¼NW¼ Sec. 5., S½N½, N½S½, S½SE¼, SE¼SW¼ Sec. 6, all in Twp. 12 S., Rge. 44 E.B.M.

, making a total of 400 acres.

That an additional amount of water is not asked for, and that the rights of others will not be adversely affected by such change.

Signed at Fielding, Utah this 10th day of October, 1962

Wendell Welling

Date of receipt at office of Department of Reclamation [illegible], 19[illegible]

APPROVAL OF STATE RECLAMATION ENGINEER

I, Ralph W. Thomas, Deputy ~~[illegible]~~, State Reclamation Engineer of the State of Idaho, hereby approve the above and foregoing application for amendment to Permit to Appropriate the Public Waters of the State of Idaho, No. R-1016. This approval constitutes a new permit and is issued as an amendment to the original permit, to which it refers, and of which it becomes a part, and said application is approved only insofar as the rights of others will not be adversely affected thereby.

~~Recorded in Book R-5 of~~
Permits, Page 1061
October 15, 1962

Ralph W. Thomas
Deputy
State Reclamation Engineer

R-1016 RT

FORM 6

Permit No. R-1016

STATE OF IDAHO
Department of Reclamation

RECEIVED
SEP 24 1962
Department of Reclamation

Proof of Completion of Works

AFFIDAVIT OF HOLDER

STATE OF IDAHO
County of Bear Lake } ss.

Vendee Welling, being first duly sworn, upon his oath deposes and says:

First: That he is the holder and owner of Permit to Appropriate the Public Waters of the State of Idaho, No. R-1016, and that his postoffice address is Fielding State of Utah.

Second: That the name of the stream from which said water is to be diverted is Unnamed spring Thiscreek is unidentified as far as name is Concerned

Third: That the point of diversion of said water is ½ mile below the springs on Vendee Welling Ranch NWSE Sec 6 — 12 S-44 E

Fourth: That under the terms and conditions of said permit, construction thereunder was required to be completed by Sept. 16, 1962

Fifth: That the use for which said water is intended is wheat + Hay + farm pasture

Sixth: That on the date above mentioned, the works constructed under said permit were (or were not) fully completed and consisted of the following:

I. Kind of Works: Reservoir earth filled
(RESERVOIR, DAM, DITCH, FLUME, PIPE OR OTHERWISE)

II. Dimensions of work:

(a) Height of dam 28 feet, length of dam at top 702 feet, length of dam at bottom 380 feet. Material used in construction earth filled under auspices of Soil Conservation.
(STATE WHETHER WOOD, EARTH, STONE OR CONCRETE)

(b) Capacity of reservoir 133 acre feet.

(c) Size of headgate: Width 12 in feet, height 25 feet.

(d) Conduit 150 ft width at bottom 150 feet, width at water line 30
(STATE WHETHER DITCH, FLUME OR PIPE)
feet, depth of water 24 feet; diameter of pipe 12 inches, average grade per mile is 1.2 feet. Length of conduit is _____ miles.

Seventh: That said works are capable of conducting to the place of intended use 2.50 2½ second feet of water.

Eighth: That water appropriated under said permit is available for 400 acres of land described as follows: (Portions of) NW¼SW¼; SW¼NW¼ Sec. 5; S½N½; N½S½; S½ SE¼; SE¼SW¼ Sec. 6; all in Township 12 South, Range 44 East, Boise Meridian in Idaho.

Ninth: Remarks:—That

Vendee Welling
(SIGN HERE)

Subscribed and sworn to before me this 13 day of July, 1962

Thomas W. Malmrose
NOTARY PUBLIC

My commission expires July 26, 1964

R-1016

October 15, 1962

Re: Permit No. R-1016

Wendell Welling
Fielding, Utah

Dear Mr. Welling:

Enclosed is the Application for Amendment to the Land List which has been recorded in this office, and Certificate of Completion of Works issued on Permit No. R-1016.

Also enclosed is departmental receipt No. 31282 in the amount of $6.00 covering fees.

Very truly yours,

GEO. D. CARTER
State Reclamation Engineer

By:

(Mrs.) Edna R. Rule
Chief Clerk

ERRiew

Enc. application for amendment
certificate
receipt

R-1016

August 16, 1963

Re: Permit No. R-1016

Mr. Wendell Welling,
Box 60,
Fielding, Utah.

Dear Mr. Welling:

Returned herewith are two Forms 10 and Form 11 we received, with two blank Form 10. One copy of Form 10 has been marked in pencil.

This permit does not give you a direct flow right from the springs and is for one reservoir. The figures of amount of water are in first place, the amount claimed on the permit and the balance the amount you show in your large reservoir. Your permit does not include two reservoirs. The land list is garbled by commas where commas should not be located, and it is written below as shown on your amendment to the land list you signed October 10, 1962. That did not include land in SW¼ Section 5.

Kindly complete the blank Forms 10, attach Form 11 and return.

Very truly yours,

CARL E. TAPPAN, Acting
State Reclamation Engineer
By

RALPH W. THOMAS, Deputy
State Reclamation Engineer

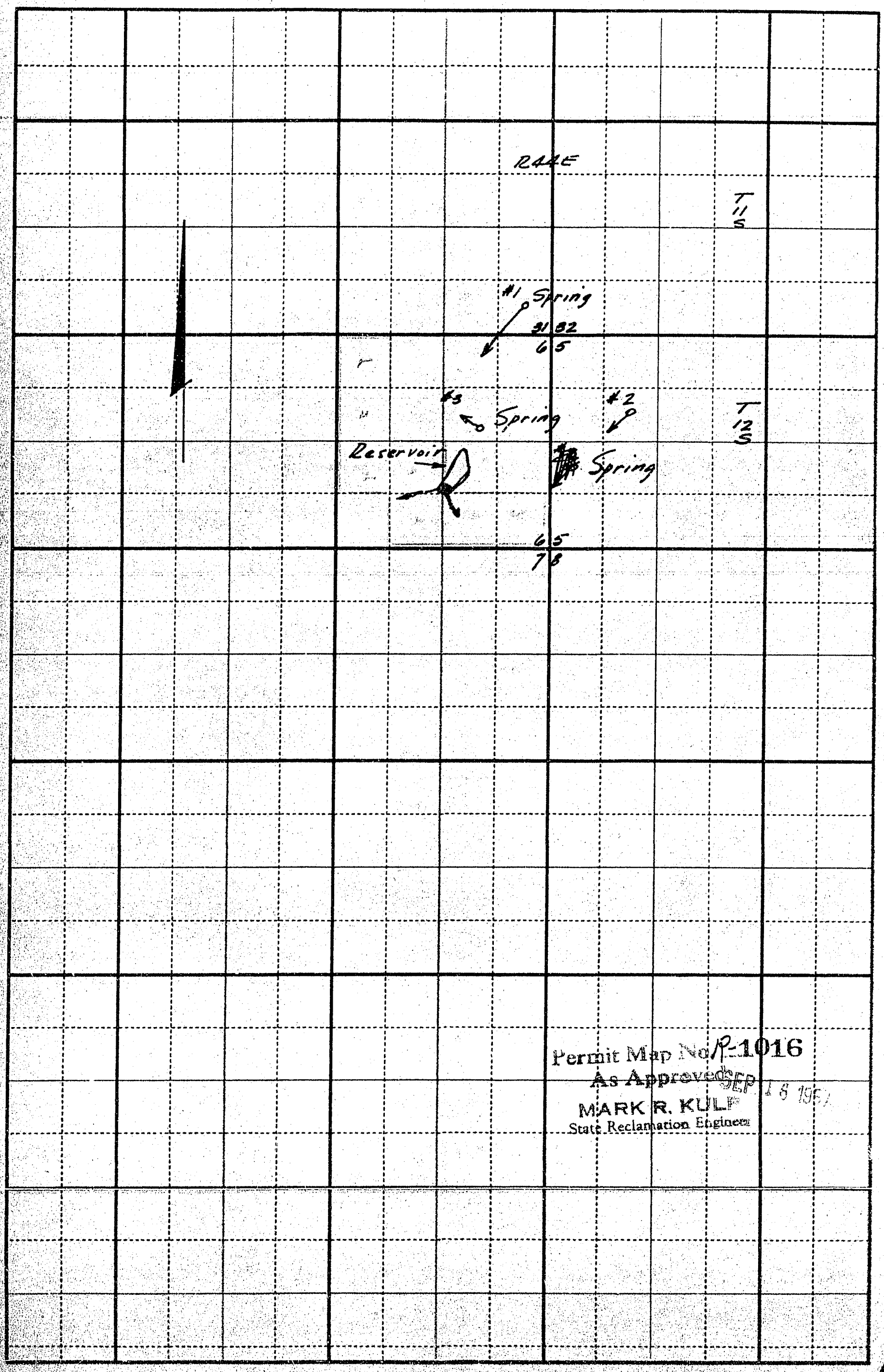
Encl. - Form 10 (2)
Form 11

RWTlew

R-1014

NAME OF APPLICANT WENDELL WELLING

Form No. 0



Permit Map No. P-1016
As Approved SEP 18 1951
MARK R. KULP
State Reclamation Engineer

SCALE: 2 Inches Equal 1 Mile. Draw Plan in Ink.

P-1016

August 23, 1963

Re: Permit No. R-1016

Mr. Wendell Welling,
Box 60,
Fielding, Utah.

Dear Mr. Wellings:

This acknowledges the Notice of Proof of [redacted] Application of Water to Beneficial Use under Permit No. R-1016. The proofs are to be made at 10:00 o'clock A.M., on the 30th day of September, 1963, before Irene Ochsenbein, Montpelier, Idaho, Notary Public.

As of this date we have mailed the Notice to the News Examiner Montpelier, Ida. with instructions to publish it once a week for four consecutive weeks prior to the date set for final proof then mail the affidavit of publication and statement of costs to you.

It is important that the enclosed depositions be executed by you and two disinterested witnesses who are familiar with the terms of the permit and the work done thereunder, at the place, on the date, and at the time and before the Notary, as advertised. It is very important and necessary that each question be answered in detail.

In returning the depositions to this office, be sure that all copies have been signed, the Notary's seal has been placed on each and that all depositions, (holder and two witnesses) are being returned. Also be sure to enclose the Affidavit of Publication.

Very truly yours,

[redacted]
State Reclamation Engineer

By:

(Mrs.) Edna P. Rule
Chief Clerk

Enc.
EPR:pmk
cc: Notary

R-1016

ROBERT E. SMYLIE
Governor

State Reclamation Engineer

RECEIVED
AUG 23 1963
Department of Reclamation

STATE OF IDAHO

DEPARTMENT OF RECLAMATION
107 STATE HOUSE
BOISE

August 16, 1963

Re: Permit No. R-1016

Mr. Wendell Welling,
Box 60,
Fielding, Utah.

Dear Mr. Welling:

Returned herewith are two Forms 10 and Form 11 we received, with two blank Form 10. One copy of Form 10 has been marked in pencil.

This permit does not give you a direct flow right from the springs and is for one reservoir. The figures of amount of water are in first place, the amount claimed on the permit and the balance the amount you show in your large reservoir. Your permit does not include two reservoirs. The land list is garbled by commas where commas should not be located, and it is written below as shown on your amendment to the land list you signed October 10, 1962. That did not include land in SW$\frac{1}{4}$ Section 5.

Kindly complete the blank Forms 10, attach Form 11 and return.

Very truly yours,

CARL E. TAPPAN, Acting
State Reclamation Engineer
By

Ralph W. Thomas

RALPH W. THOMAS, Deputy
State Reclamation Engineer

Encl. - Form 10 (2)
Form 11

RWT:ew

R-1016

Form No. 11
2M 2/63

RECEIVED
AUG 23 1963
Department of Reclamation

RECEIVED
AUG 18 1963
Department of Reclamation

NOTICE TO ACCOMPANY THIS LETTER MUST BE MADE IN DUPLICATE

(Date) August 14, 1963

(P. O.) Box 60, Fielding, Utah

TO THE STATE RECLAMATION ENGINEER

Boise, Idaho

Dear Sir:

You are hereby authorized to have the attached notice published at my expense in the News Examiner of Montpelier, Bear Lake County, published in the county in which the works are situated. Bear Lake Co.

Hendee Kelling

(In case of canals or other works designed to divert and carry more than 50 cubic feet of water per second, the following certificate must be signed by a well known and competent engineer.)

I hereby certify that the facts set forth in the attached notice are true.

Engineer

R-1016

Form 10

AUG 24 1967
Department of Reclamation

NOTICE FOR PUBLICATION

NOTICE OF PROOF APPLICATION OF WATER

TO BENEFICIAL USE

Notice is hereby given that at 10:00 A.M. on the 30 day of September, 19 63 at Montpelier, County of Bea r Lake, State of Idaho, before Irene Ochsenbein - Notary Public, Montpelier, Idaho, proof will be submitted of the application to beneficial use of 200 ~~acre feet per annum~~ of the waters of unna med springs in accordance with the terms and conditions of Permit No. R-1016 heretofore issued by the Department of Reclamation of the State of Idaho.

The name and post office address of the person or corporation holding said permit Wendell Walling, Box 60, Fielding, Utah

The use to which said water has been applied is Irrigation

The amount applied to beneficial use is 113 acre feet Reservoir storage

The point of diversion of said water is Reservoir outlet - located NW¼SE¼, Sec. 6 T.12 S., R.44E. B.M.

The place where said water is used (LEGAL DESCRIPTION)

SW¼NW¼, NW¼SW¼ Sec.5; S½N½, N½S½, SE¼SW¼, S½SE¼ Sec. 6 & 11 in Twp.12S., Rge.44E. B.M.

The date of priority which said user is prepared to establish is ~~September 16, 1963~~ 12 1957

CARL E. TAPPAN
State Reclamation Engineer

R-1016

NOTICE FOR PUBLICATION
NOTICE OF PROOF
APPLICATION OF WATER
TO BENEFICIAL USE

Notice is hereby given that at 10 a. m. on the 30th day of September, 1963, at Montpelier, County of Bear Lake, State of Idaho, before Irene Ochsenbein, Notary Public, Montpelier, Idaho, proof will be submitted of the application to beneficial use of 200 acre feet per annum of the waters of unna med springs in accordance with the terms and conditions of Permit No. R-1016 heretofore issued by the Department of Reclamation of the State of Idaho.

The name and post office address of the person or corporation holding said permit Wendell Welling, Box 60, Fielding, Utah. The use to which said water has been applied is Irrigation. The amount applied to beneficial use is 113 acre feet Reservoir storage. The point of diversion of said water is Reservoir outlet - located NW¼SE¼, Sec. 6 T. 12 S.; R. 44 E. B. M.

The place where said water is used SW¼NW¼, NW¼SW¼ Sec. 5; S½N½, N½S½, SE¼ SW¼, S½SE¼ Sec. 6 all in Twp. 12 S., Rge. 44 E. B. M.

The date of priority which said user is prepared to establish is September 12, 1957.

CARL E. TAPPAN
State Reclamation Engineer

a-29; s-5|12|19)

R-1016

The grizzly bear is making one

Re: Permit No. R-1016
Wendell Welling

Date: August 23, 1963

News Examiner,
Montpelier, Idaho.

Gentlemen:

Enclosed you will find Notice for Publication, once a week for four consecutive weeks prior to September 30, 1963, the date set for proof; the expense of the publication is to be paid by the applicant Wendell Welling of Box 60, Fielding, Utah to whom you should furnish proof of publication on or prior to the date set for proof.

Please acknowledge receipt of this notice and furnish this office with a copy or tear sheet of the first publication.**

Very truly yours,

Carl E. Tappan

CARL E. TAPPAN
State Reclamation Engineer

** If the first copy is not received in this office for checking purposes and errors appear in subsequent issues, it is possible that re-publication of corrected copy will be at your own expense.

CET:pmk

R-1016

THE NEWS-EXAMINER

MONTPELIER, IDAHO

RECEIVED
OCT 1 1963
Department of Reclamation

AFFIDAVIT OF PUBLICATION

STATE OF IDAHO,)
County of Bear Lake,) ss.

Ruth R. Taylor

being first duly sworn, deposes and says she is Publisher and Foreman of the **News-Examiner**; that the said **News-Examiner** is a weekly newspaper published at Montpelier, County of Bear Lake, State of Idaho, of general circulation in said County and State.

That the notice attached was published in the said **News-Examiner,** and not in a supplement, for Four successive weeks, commencing with the issue dated August 29, 1963 and ending with the issue dated September 19, 1963

Ruth R. Taylor
Publisher and Foreman.

NOTICE FOR PUBLICATION
NOTICE OF PROOF
APPLICATION OF WATER TO BENEFICIAL USE

Notice is hereby given that at 10 a. m. on the 30th day of September, 1963, at Montpelier, County of Bear Lake, State of Idaho, before Irene Ochsenbein, Notary Public, Montpelier, Idaho, proof will be submitted of the application to beneficial use of 200 acre feet per annum of the waters of unnamed springs in accordance with the terms and conditions of Permit No. R-1016 heretofore issued by the Department of Reclamation of the State of Idaho.

The name and post office address of the person or corporation holding said permit Wendell Welling, Box 60, Fielding, Utah. The use to which said water has been applied is Irrigation. The amount applied to beneficial use is 113 acre feet Reservoir storage. The point of diversion of said water is Reservoir outlet - located NW¼SE¼, Sec. 6 T. 12 S., R. 44 E. B. M.

The place where said water is used SW¼NW¼, NW¼SW¼ Sec. 5; S½N½, N½S½, SE¼SW¼, S½SE¼ Sec. 6 all in Twp. 12 S., Rge. 44 E. B. M.

The date of priority which said user is prepared to establish is September 12, 1957.

CARL E. TAPPAN
State Reclamation Engineer
a-29; s-5|12|19)

Subscribed and sworn to before me this 27th day of September, 1963

Irene Ochsenbein
Notary Public.

R-1016