

Form A1-187
March 1961

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

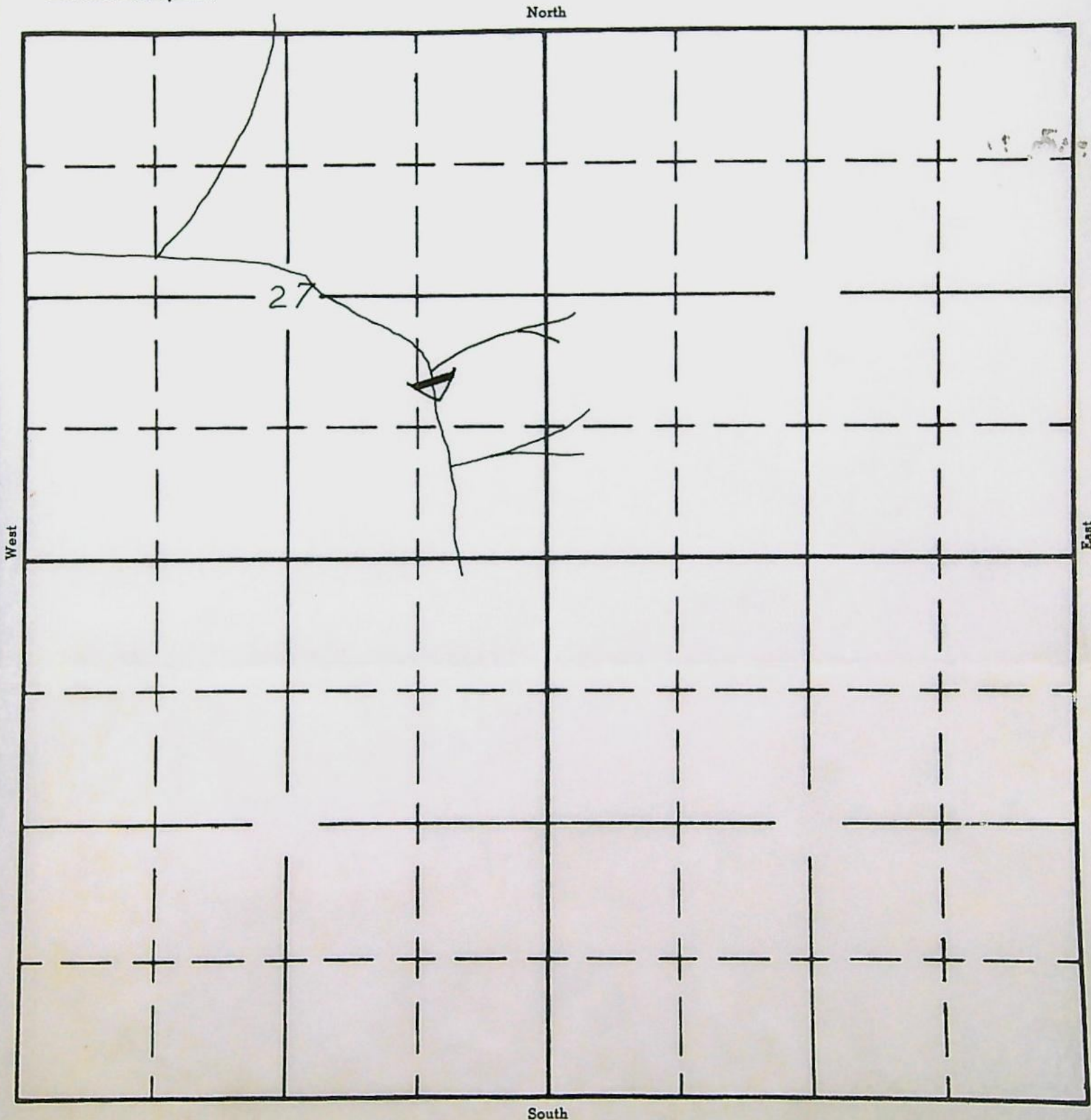
SECTION

Oregon State Water Filings

NE $\frac{1}{4}$ SE $\frac{1}{4}$

TOWNSHIP 36_S, RANGE 32 $\frac{3}{4}$, W. M.

Sec 27



APPLICATION No. R-35678

PERMIT No. R 6817

RECEIVED

JAN 22 1985

STATE OF OREGON

COUNTY OF HarneyBLM No. 5730-12409-0319
Bruckwilder Res.**WATER RESOURCE PROOF OF APPROPRIATION OF WATER**
SALEM, OREGON

This is to show evidence that

UNITED STATES BUREAU OF LAND MANAGEMENT acting by and through its District Office ⁰²
 office of 74 South Alvord Burns OR 97720 has
Address City State Zip
 perfected a right to the use of waters within the terms of Application R-35678, Permit R-6817,

1. Sources of water supply Unnamed Cr. To Skull Cr. Res
2. Use Livestock & Wildlife 3. Priority date 7-28-61
4. Amount stored 0.6 Ac. Ft
5. Location NE $\frac{1}{4}$, SE $\frac{1}{4}$, Section 27, T. 36S, R. 32 $\frac{3}{4}$ ^E W.M.
6. Does application map show correct location of reservoir? yes
If not, please redraft location.

AFFIDAVIT OF APPROPRIATOR

STATE OF OREGON)

County of HARNEY) ss.

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

IN WITNESS WHEREOF, I have hereunto set my hand this 11th day of JANUARY, 1985.

Thomas R. Thompson Jr

Subscribed and sworn to before me this 11th day of January, 1985.

Jeffrey S. Haskett
Notary Public for Oregon

My commission expires 7/9/88

(Notarial Seal)

STRUCTURAL DETAILS

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7. If not in channel of a stream, state how it is filled In Channel

WATER RESOURCES DIVISION
SALT LAKE COUNTY

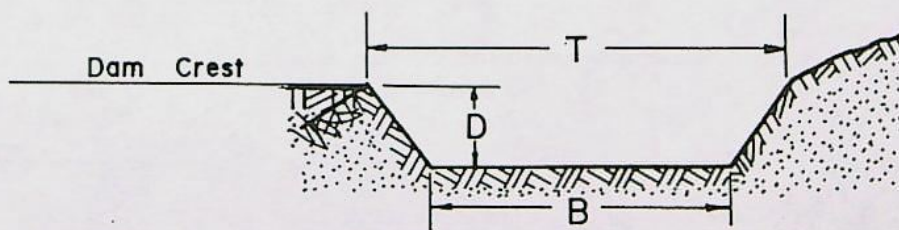
8. The maximum height is 10 feet above stream bed or ground surface at the center-line. The top width is 4 feet, slope of upstream face 3:1, slope of downstream face 2:1, and height of dam above water line when full 3 feet.

9. The dam is (check one) ☒ earthfill, ☐ concrete, ☐ flashboard, ☐ other. If "other," give description: _____

10. Give the location, description, and dimensions of the outlet conduit: None

(All dams across natural stream channels must be provided with an outlet conduit, of such capacity and location to pass the normal flow of the stream at any time.)

11. Give the location and dimensions of the spillway Around End
(State whether over or around dam)



The bottom width of the spillway, B, is 8 feet.

The top width of the spillway, T, is 12 feet.

The distance between the crest of the dam and the crest of the spillway, D, is 3 feet.
(Must be at least 2 1/2 feet)

If any other type of spillway, describe and give dimensions:

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JUL 23 1981

STATE ENGINEER
SALEM, OREGON

Reservoir Permit No. R 6817 WATER RESOURCES DEPT.
SALEM, OREGON

Application for a Permit to Construct a Reservoir and to
Store for Beneficial Use the Unappropriated
Waters of the State of Oregon

I, Bureau of Land Management

(Name of Applicant)

of P.O. Box 713 Burns

(Mailing Address)

State of Oregon, do hereby make application for a permit to construct the
following described reservoir and to store the unappropriated waters of the State of Oregon, subject to
existing rights.

If the applicant is a corporation, give date and place of incorporation

1. The name of the proposed reservoir is Bruck Wilder Reservoir G-130-124

2. The name of the stream from which the reservoir is to be filled and the appropriation made is
Skull Creek

tributary of Catlow Valley drainage

3. The amount of water to be stored is 1.6 acre feet.

4. The use to be made of the impounded water is livestock

(Irrigation, power, domestic supply, etc.)

5. The location of the proposed reservoir will be in Sec. 27

(Give sections or townships to be submerged)

Tp. 36S, R. 32 3/4 E, W.M., in the county of Harney

(a) State whether situated in channel of running stream and give character of material at outlet

In channel of intermittent stream.

(b) If not in channel of running stream, state how it is to be filled. If through a feed canal, give
name and dimensions

6. The dam will be located in NE 1/4 SE 1/4, Sec. 27

(Smallest legal subdivision)

Tp. 36S, R. 32 3/4 E, W.M. The maximum height will be 10 feet above stream bed or ground
surface on center line of dam. The length on top will be 200 feet; length on
bottom 160 feet; width on top 12 feet; slope on front
or water side 3:1; slope on back 2:1; height of dam above water line
(Feet horizontal to 1 vertical) (Feet horizontal to 1 vertical)
when full 3 feet.

* A different form of application should be used for the appropriation of stored water to beneficial use. Such forms can be secured
without charge, together with instructions, by addressing the State Engineer, Salem, Oregon.

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JAN 2 1962

R 6817

DEPT. OF WATER RESOURCES
SALEM, OREGON

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: Earth excavated from catch basin.

8. The location of wasteway with dimensions are as follows: Around end of structure.
(State whether over or around the dam)
W 10ft; L 12ft; H 3ft.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: none
(All dams across natural stream channels must be provided with an outlet conduit, of such capacity and location to pass the normal flow of the stream at any time)

10. The area submerged by the proposed reservoir, when full, will be .69 acres, with a maximum depth of water of 7 feet; and approximate mean depth of water 2.3 feet.

11. The estimated cost of the proposed work is \$

12. Construction work will begin on or before

date completed

13. Construction work will be completed on or before 7/31/40 Existing structure.

Carl P. McClellan
(Signature of applicant)

ACTING DISTRICT MANAGER

STATE OF OREGON, }
County of Marion, } ss.

This is to certify that I have examined the foregoing application, together with the accompanying maps and data, and return the same for correction

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before April 16, 19 62

WITNESS my hand this 16th day of February, 19 62

LEWIS A. STANLEY

STATE ENGINEER

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FEB 27 1962

STATE ENGINEER
SALEM, OREGON

Walter N. Perry
Walter N. Perry

ASSISTANT

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JAN 2 2 1985

R 6817

Remarks: This project was constructed under provisions of the WATER RESOURCES DEPT.

Act of June 30, 1934, as amended.

SALEM, OREGON

STATE OF OREGON, }
County of Marion, } ss.

This is to certify that I have examined the foregoing application and do hereby grant the same, subject to the following limitations and conditions: The right herein granted is limited to the construction of Bruck Wilder Reservoir and storage of water from Skull Creek for livestock, and is subject to the installation and maintenance of an outlet pipe, or to provide other means to evacuate the stored water when determined by the Water Resources Director to be necessary to satisfy prior downstream rights.

The right hereunder shall be limited to the storage of 1.6 acre feet.

The priority date of this permit is July 28, 1961

Actual construction work shall begin on or before March 24, 1979 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1979

WITNESS my hand this 24th day of March, 1978

James E. Sisson

Water Resources Director

01

Application No. R 35678

Reservoir Permit No. R 6817

PERMIT

To construct a reservoir and store for beneficial use the unappropriated waters of the State of Oregon.

This instrument was first received in the office of the State Engineer at Salem, Oregon, on the 28 day of July, 1961, at 8:00 o'clock A. M.

Returned to applicant:

Approved:

Recorded in Book No. _____ of
Reservoirs, on Page _____

State Engineer

Drainage Basin No. 12 page 25

Fees 1

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STATE ENGINEER
SALEM, OREGON

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Form AI-187
March 1961

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SECTION

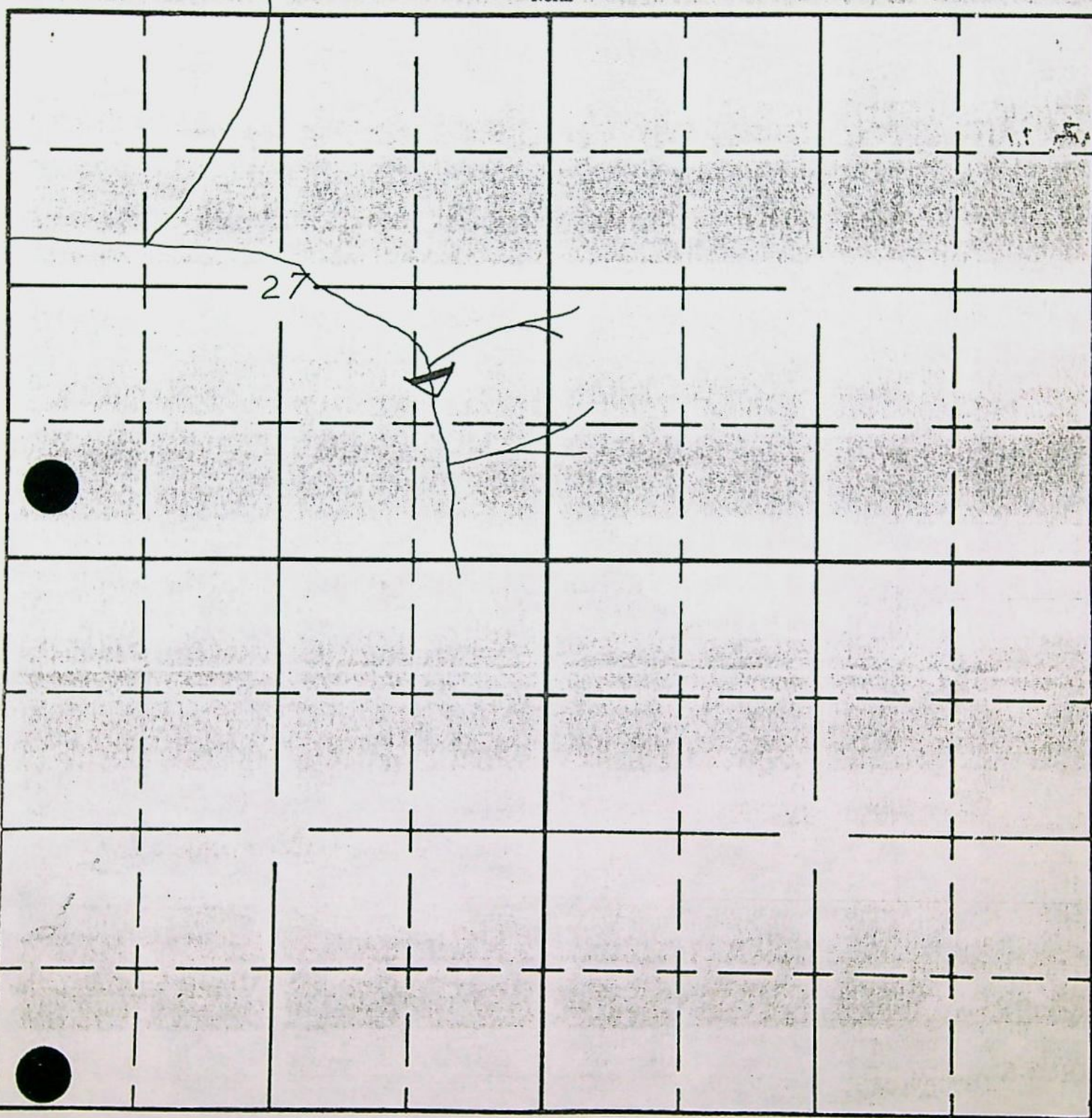
Oregon State Water Filings **RECEIVED**

JAN 22 1985

WATER RESOURCES DEPT.
SALEM, OREGON

TOWNSHIP 36^s, RANGE 32³/₄, W. M.

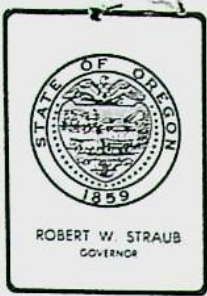
North



South

APPLICATION No. R-35678

PERMIT No. R-6827



Water Resources Department

MILL CREEK OFFICE PARK

555 13th STREET N.E., SALEM, OREGON 97310

PHONE 378 3066

March 28, 1978

Bureau of Land Management
P.O. Box 713
Burns, OR 97720

Gentlemen:

The permits listed on the enclosed tabulation have been recorded in this office. The original permits, which are also enclosed, should be held as evidence of your water rights.

It has been many years since the applications were submitted, and our information indicates the ponds were completed some time ago. The next step towards the issuing of a conforming certificate will be an inspection by one of our field engineers. If the ponds were not constructed, later washed out, or for other reasons are not being used, we would appreciate this information.

It is our plan to issue permits on all applications by the middle of this year, so this is the first of several groups of permits you will receive during the next few months. If you have any questions, please contact us.

COPY

Very truly yours

Ralph H. Jackson
Supervisor, Applications and
Permits Section

RHJ/vp



Water Resources Department

MILL CREEK OFFICE PARK

555 13th STREET N.E., SALEM, OREGON 97310

PHONE

Reservoir Permits issued to the Bureau of Land Management March 24, 1978:

PERMIT NO.:	APPLICATION NO.:	RESERVOIR:
R 6775	R 35000	Basalt Rim Reservoir #2
R 6776	R 35001	Basalt Rim Reservoir #1
R 6777	R 35002	South Reservoir
R 6778	R 35003	Loper Corner Seep Development
R 6779	R 35004	Beaver Table
R 6780	R 35444	Dead Cow Reservoir 02-985
R 6781	R 35668	Rim Rock Flat Waterhole 49
R 6782	R 34999	North Reservoir
R 6783	R 35005	Juniper Ridge
R 6784	R 35384	Lone Mountain Spring 3-C-26
R 6785	R 35475	Upper Lambing Creek Reservoir 02-432
R 6786	R 35487	Grazing Association Reservoir 02-706
R 6787	R 35488	Lone Pine Reservoir 57 02-707
R 6788	R 35489	South Drinkwater Reservoir 02-708
R 6789	R 35490	North Association Reservoir 02-715
R 6790	R 35606	Horse Heaven Reservoir 1-C-232
R 6791	R 35607	South Jack Mountain Waterhole 1-C-234
R 6792	R 35609	Badger Butte Reservoir 1-C-248
R 6793	R 35610	Triple Springs Reservoir 1-C-276 #1
R 6794	R 35611	Triple Springs Reservoir #2 1-C-276
R 6795	R 35612	Triple Springs Reservoir #3 1-c-276
R 6796	R 35613	Dry Mountain Reservoir #4 G-112-277
R 6797	R 35614	Boone Canyon Reservoir 1-C-277
R 6798	R 35615	Horse Spring Reservoir #1 1-C-279
R 6799	R 35616	Horse Spring Reservoir #2 1-C-279
R 6800	R 35617	Juniper Reservoir 1-C-280
R 6801	R 35619	Dry Mountain Reservoir G-112-284
R 6802	R 35621	South Bulger Reservoir 1-C-292
R 6803	R 35632	Mosquito Flat Waterhole 1-C-317
R 6804	R 35636	Pine Canyon Reservoir 02-344
R 6805	R 35637	Bush Reservoir #1 02-351
R 6806	R 35638	Bush Reservoir #2 02-352
R 6807	R 35639	Bush Reservoir #3 02-353
R 6808	R 35641	Bush Reservoir #5 02-363
R 6809	R 35643	Buck Reservoir 02-383
R 6810	R 35648	Border Reservoir 02-393
R 6811	R 35649	Badger Junction Reservoir 02-394
R 6812	R 35650	Gumboat Canyon Reservoir 02-395
R 6813	R 35653	Cowing Easement Reservoir 02-431
R 6814	R 35654	Swearingen Spring Reservoir 02-549
R 6815	R 35664	Lone Pine Reservoir G-25-E $\frac{1}{2}$ -5
R 6816	R 35667	Mud Reservoir 1-C-48
R 6817	R 35678	Bruck Wilder Reservoir G-130-124
R 6829	R 35622	Locust Butte Reservoir 1-C-293
R 6830	R 35623	Hutton Reservoir 1-C-294
R 6831	R 35625	Welsch Reservoir 1-C-299
R 6832	R 35666	Southcreek Dam Reservoir 91-161-31
R 6833	R 35688	Coyote Holes Reservoir 1-C-188

ADDITIONAL INFORMATION TO BE SUBMITTED WITH APPLICATIONS PROPOSING CONSTRUCTION OF DAMS LESS THAN 10 FEET IN HEIGHT OR IMPOUNDING LESS THAN 3,000,000 GALLONS

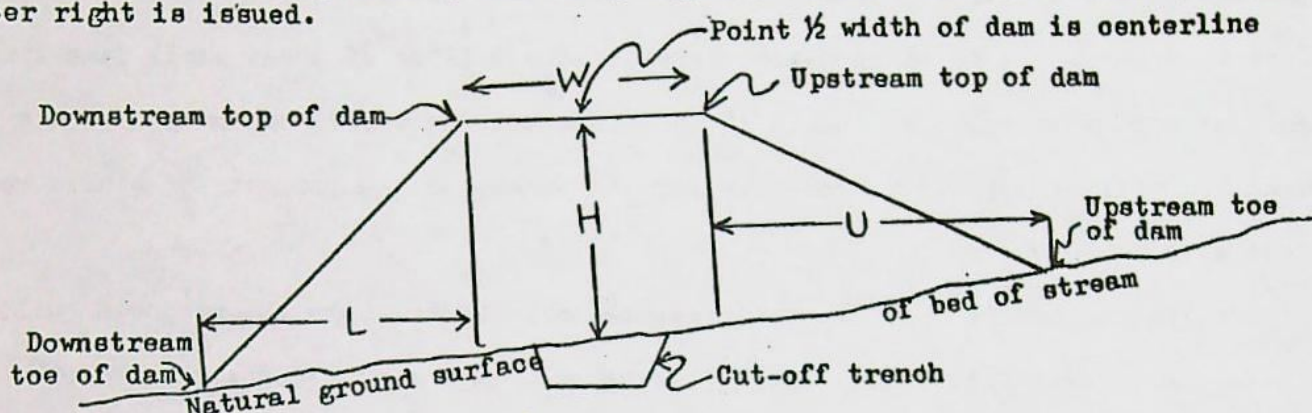
Under Oregon laws the builder is not required to submit plans and specifications, prepared by a registered professional engineer, for approval of the State Engineer for the construction of dams less than 10 feet in height and storing less than 3,000,000 gallons of water (9.2 acre feet or the amount that will cover 9.2 acres of land 1.0 foot in depth). It is of much importance to the builder of these small dams that a safe structure be built as should the dam fail the owner will not only lose his investment but will be legally responsible for any damage to the property of others resulting from such failure.

Following are some of the requirements to be followed by the proposed builders of these small earth fill dams: The applicant must give a full description of the proposed dam in the application which shall be subject to the approval of the State Engineer:

1. Width of crest of dam should be not less than 8 feet;
2. Upstream slope not steeper than 3 horizontal to 1 vertical; and
3. Downstream slope not steeper than 2 horizontal to 1 vertical;
4. Spillway channel should be constructed around either end of dam but not over top. It should have at least twice the capacity required to carry heavy winter flows or spring runoffs without overtopping the dam and should be lined if necessary to prevent erosion of embankment. The depth of the spillway should be sufficient to maintain a minimum distance of 2 feet from the crest of the dam to the water surface in the reservoir during the maximum flood. (This is important as experience has shown that insufficient spillway capacity is the principle cause of failure of small dams.) Water passing over spillway should be returned to creek channel at a sufficient distance downstream to prevent erosion of embankment.
5. All brush, stumps, roots and vegetable matter of all kinds should be cleared from area to be occupied by base of dam and from borrow pits.
6. Asphalt dipped corrugated iron pipe with gate at inlet should be installed to permit draining reservoir. Pipe to be bedded in a trench in the natural ground and not on filled ground. Provision must be made to allow the free passage of the natural flow of the stream at any time. Prefabricated concrete pipe is not acceptable unless encased in concrete.
7. Not less than two cut-off collars should be constructed. These collars should be constructed of concrete with a thickness of not less than 6 inches and should extend from the outside of the pipe a distance of not less than 18 inches in all directions. These cut-off collars should be constructed above or upstream from the center of the dam. Prefabricated asphalt dipped metal cutoff collars are also satisfactory.
8. Material placed in embankment should be free from brush, stumps, roots and vegetable matter of all kinds.
9. Material should be brought in and placed in embankment from ends of dam and spread in thin layers not over 6 inches thick and compacted by carryalls, rubber tired equipment, or compacting rollers traveling the length of the dam.

Before a permit is issued approving an application proposing the construction of a dam less than 10 feet high and storing less than 3,000,000 gallons of water, the information following the sketch below must be filed with the State Engineer, and must conform with the dimensions and description of the dam given in the application. The height is measured from the lowest point of the ground surface or from the lowest point in the stream bed to the top of the dam on the center line of the dam. The data required is that of the maximum section or at the point where the dam is to be highest above the natural ground surface or stream bed.

All dams will be inspected by the State Engineer or his assistant before certificate of water right is issued.



All dimensions given below must conform to minimum requirements shown on other side.

Earth Dam:

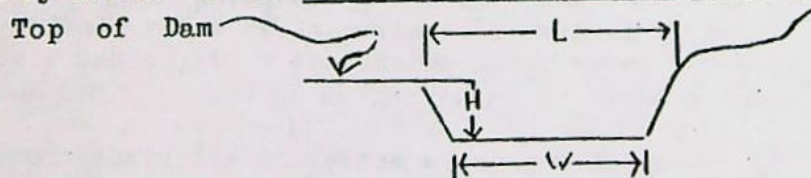
Amount of water impounded 1.6 acre feet.

Top width of dam indicated on sketch by letter "W" 12 feet.

Height of dam measured from top of dam to ground surface or bed of stream on center line of dam or a point $\frac{1}{2}$ the top width of the dam, indicated on sketch by letter "H" is 10 feet.

The horizontal distance from upstream top of dam to upstream toe indicated on sketch by letter "U" is 30 feet.

The horizontal distance from downstream, indicated on sketch by letter "L" is 20 feet.



Spillway:

Approximate drainage area of creek above dam 2 1/4 square mile.

Bottom width of spillway, indicated on sketch by letter "W" is 10 feet.

Top width of spillway, indicated on sketch by letter "L" is 12 feet.

Distance between top of dam and bottom of spillway at the upper end, indicated on sketch by letter "H" is 3 feet.

Outlet:

Size and type of outlet pipe through base of dam which will allow free passage of the natural flow of the stream none.

The applicant herewith agrees to build the dam in accordance with the above dimensions, and the requirements given on other side.

RECEIVED
JUL 28 1961
STATE ENGINEER
SALEM, OREGON

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FEB 27 1962
STATE ENGINEER
SALEM, OREGON

Signature of Applicant

Chas. M. Cicala

R-35384
R-35612
R-35625
R-35666
R-35667
R-35668
R-35678

March 7, 1962

U. S. Department of Interior
Bureau of Land Management
P. O. Box 713
Burns, Oregon

Gentlemen:

This will acknowledge receipt of seven returned applications for permits to construct stock water reservoirs.

Application number R-35384 which had lost its date of priority has been reinstated with a new date of priority of February 27, 1962. It is noted that you did not reply to the question raised in our letter of November 6, 1961 and it is further noted that you have not amended item 3 of the application or item 10 so that they are in agreement. Since you have returned the application without amendment or response regarding the right evidenced by certificate number 1203, it is assumed that you wish the application considered for approval as it is now written. It is therefore being placed in line for approval and will be considered with the next group.

Applications numbered R-35612, R-35625, R-35666, R-35667, R-35668 and R-35678 have been re-examined and now appear to be in satisfactory form to be considered for approval by issuance of permits with the next group.

Very truly yours,

LEWIS A. STANLEY
State Engineer

By
Walter H. Perry, Assistant

WHP:ngb

R-35612
R-35625
R-35666
R-35667
R-35668
R-35678

February 16, 1962

U. S. Department of Interior
Bureau of Land Management
P. O. Box 713
Burns, Oregon

Gentlemen:

Upon detailed examination of applications numbered R-35612, R-35625, R-35666, R-35667, R-35668 and R-35678 the following deficiencies have been noted. The deficiencies must be corrected before your applications may be considered for approval by issuance of permits.

Application No. R-35612

The location of the reservoir as shown in items 5 and 6 of the application does not agree with the location of the reservoir as shown on the map accompanying the application. Items 5 and 6 and the map must be in agreement.

Application No. R-35625

It is noted in item 13 that you have indicated that this project has already been completed. Please show the date upon which the project was completed.

Applications Numbered R-35666 and R-35667

The quantity of water which is to be stored as indicated in item 3 does not agree with the capacity of the reservoir as indicated in item 10. Items 3 and 10 must be in agreement or explanation submitted as to the reason for disagreement.

Applications Numbered R-35668 and R-35678

The location of the reservoir as shown in items 5 and 6 of the application does not agree with the location of the reservoir as shown on the map accompanying the application. The application and the map submitted to accompanying it must be in agreement.

U. S. Department of Interior

- 2 -

February 16, 1962

The above listed applications, small dam description sheet and map to accompany each application are returned for correction, the applications being endorsed so that in order to retain their date of priority they must be returned to this office on or before April 16, 1962.

Very truly yours,

LEWIS A. STANLEY
State Engineer

By
Walter H. Perry, Assistant

WHP:ugh
Enclosures