

AFFIDAVIT OF PUBLICATION

State of Idaho, County of Custer, ss.

I, MARGARET PARKS

Publisher of the Challis Messenger, a weekly newspaper, published at Challis, Idaho, do solemnly swear that the notice hereto attached and made a part hereof, was published in the regular and entire issue of the Challis Messenger for 2 consecutive weeks, commencing with the issue dated January 14, 1982, and ending with the issue dated January 21, 1982.

Margaret Parks

Subscribed and sworn to before this 21st day of January, 1982.

Ethel M. Peck

Notary Public, residing at Challis, Idaho. My commission expires on

January 21, 1986.

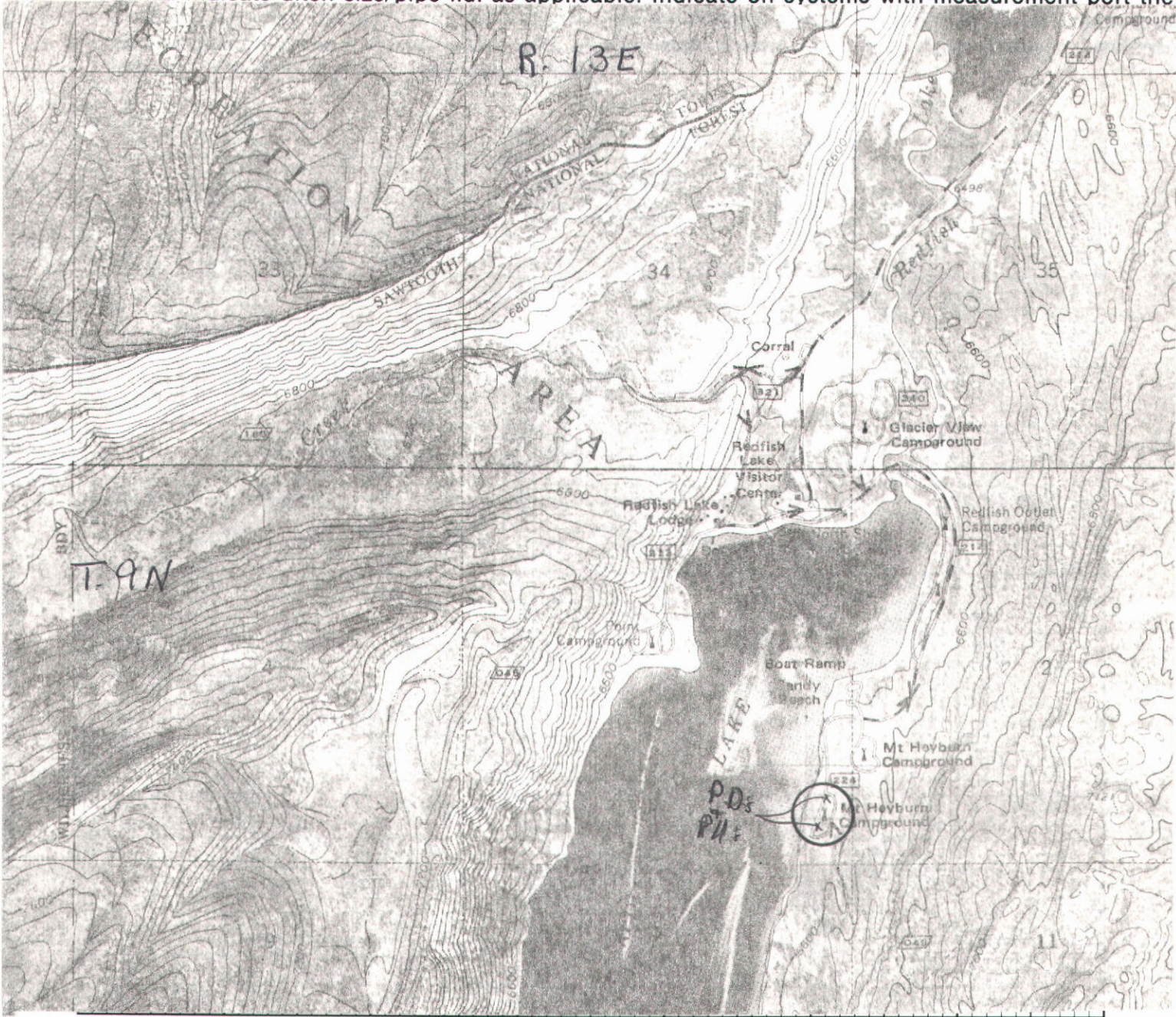
71-7071
U.S. DEPT. OF AGRI.
FOREST SERVICE,
FEDERAL BLDG., 324 25TH
ST., OGDEN, UT 84401
Source: GROUND-
WATER
Date Filed: 12/21/1981
Amount: 0.02 CFS
Diversion Point: SESE Sec
03 T 09N R 13E, CUSTER Co.
Place of Use: SESE Sec 03
T 09N R 13E
Diversion Means: WELL,
HANDPUMPS

RECEIVED

JAN 25 1982
Department of Water Resources
Southern District Office

RECEIVED

10. Other water rights on these lands 71-7043, 71-7090
11. Other water right diverted from same p.d. None
12. **Diversion and Delivery System Diagram:** Indicate all major components and distances between components. Indicate ditch size/pipe i.d. as applicable. Indicate on systems with measurement port the



13. ☐ Photo of Diversion & System Attached ☐ Aerial Photo of Place of Use Attached or Map of Irrigated Acreage Attached
14. Remarks The Campground This water is used in has had The Name Changed from Mt. Heyburn to Sockeye.
15. Recommended Amendments

☐ Change P.D. as reflected above

☐ Add P.D. as reflected above

☒ None

☐ Change P.U. as reflected above

☐ Add P.U. as reflected above

☐ Other
16. Examiner's/Consultant's Signature Lenny A. Blum Date 12-9-85
Consultant's License Number _____
IDWR Director's Authorization to Conduct
Beneficial Use Examination _____

Date

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FEB 09 1989

CONSULTANT SEAL

REDFISH LAKE



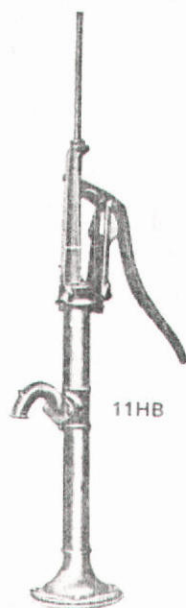
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sec.3 sec.2

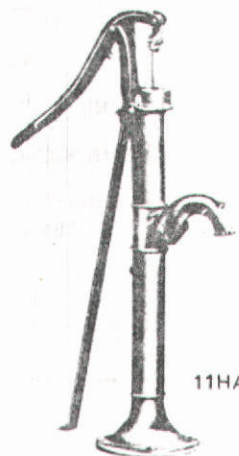


Monitor

DRINKING FOUNTAIN & HAND PUMP STANDS



11HB



11HA

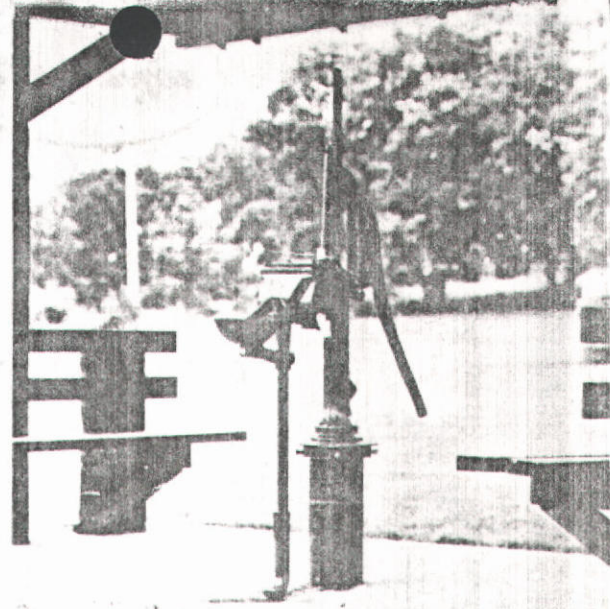


11HD

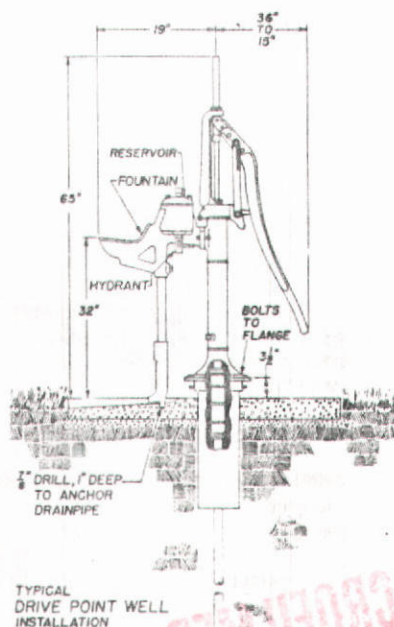
Hand Lift Pump Stands—are recommended for Shallow Well installations. This Hand Lift Pump comes with an angle iron brace, multi-position cap and siphon spout.

Lift Pump Stands—For Windmill, Pump Jack or Hand Pump use. These Lift Pumps have adjustable strokes and multi-position cap and interchangeable spouts.

Force Pump Stands—For Windmill, Pump Jack or Hand Pump use. These Force Pumps have a built-in surge chamber, adjustable strokes and multi-position cap. Order (11HD) for siphon spout or (12HD) for bibb spout models.

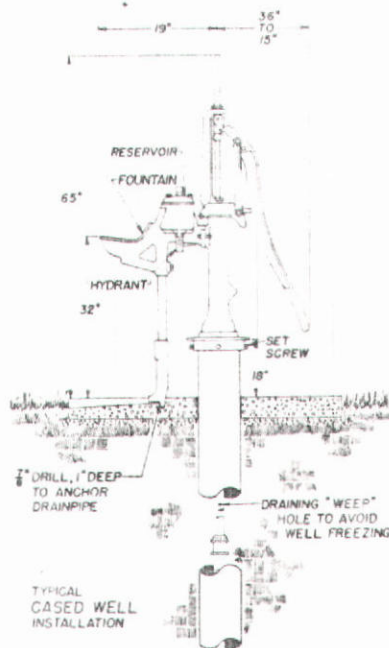


The Monitor Drinking Fountain Pump, used on many golf courses, campgrounds, roadside parks, and picnic areas. This hand pump is useful for sites remote from public utilities. A few strokes of handle fills a reservoir with water which, without further pumping becomes a noiseless smooth flowing Drinking Fountain. The spring-loaded hand-lift valve allows water from the reservoir to flow out a hydrant for filling a jug or bucket. The drain pipe discharges at ground level to prevent splash. The pump stand is more secure from contamination. All interior surfaces are inclined for complete drainage. The drain passages are direct and easily accessible. The drain strainer is made of chrome-plated brass. The drain pipe, anchored at ground level, into the pump's concrete foundation prevents abuse. Rugged cast iron construction assures years of dependable service. The Drinking Fountain Pump is available in several models.



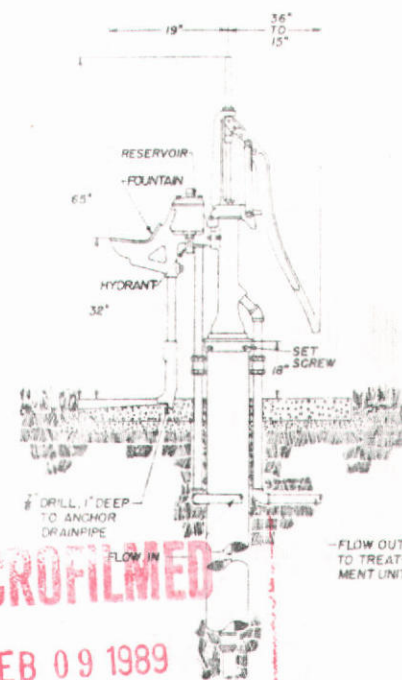
TYPICAL
DRIVE POINT WELL
INSTALLATION

The 1DFHC Pump Stand, for drive point or cased well applications, attaches to a flange mounted on top of a well casing. A sealed flange, available for a 4", 5" or 6" well casing, using a watertight connection for protection from flooding.



TYPICAL
CASED WELL
INSTALLATION

The 1DFHC Pump Stand, for drive point or cased well applications, attaches directly to a 4", 5" or 6" well casing. The well casing extends 18" above grade for protection from flooding. (Ohio Pattern Base Pump)



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The 1DFHT Pump Stand, for drive point or cased well applications, issued only where purification apparatus is part of the system. (Baker Manufacturing Co. does not supply water treatment systems). The HT Pump Stand attaches directly to a 4", 5" or 6" well casing. The well casing extends 18" above grade for protection from flooding.

BAKER
monitor division

EVANSVILLE, WISCONSIN 53536
PHONE: (608) 882-5100

U.S. Patent No. 3,901,440
Can. Patent No. 1,037,082

AD-96

TABLE OF HAND PUMP SPECIFICATIONS*

Number	Type	Stroke Length Hand Power	Drop-pipe Tapping**	Spout	Rod Size	Rod Thread
11HB	Lift	4-6-8 11	2	Syphon	7/16	7/16-14 NC
23HD	Lift	4-6-8 11	2	Syphon	7/16	7/16-14 NC
11HD	Force	4-6-8 11	2	Syphon	11/16	3/8-18NPT 7/16-14NC
12HD	Force	4-6-8 11	2	Bibb	11/16	3/8-18 NPT 7/16-14 NC
11HA	Lift	6 —	2	Syphon	7/16 max.	None
1DFHC	Drinking	4-6-8 11	2	Fountain	11/16	Set Screw
1DFHF	Fountain					
1DFHT						7/16-14 NC

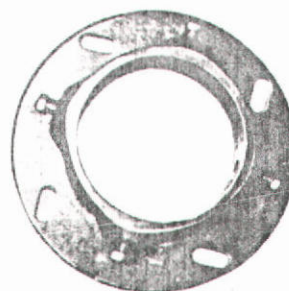
* All Specifications are in inches unless otherwise noted.
 ** Bushing to 1 1/4" supplied.



3" CISTERN PUMP for shallow pump applications is made of heavy cast iron. It has a closed spout, is 15" high and is tapped for 1 1/4" drop pipe.



Hand Pump Spout to hose thread adapter. Used on 11HD and 12HD pumps only.



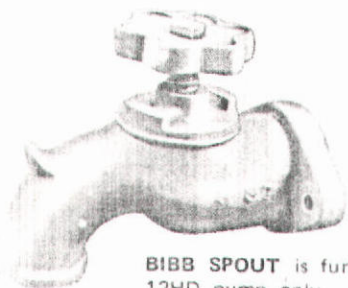
STANDARD FLANGE



SEALED FLANGE

PUMP FLANGES — For attached Hand Pump Stands with standard base to well casing. Sealed pump flanges come in sizes 4", 5" and 6". Standard pump flanges come in sizes 1 1/4" to 6".

Estimated Pump Capacity
 cylinder dia. 3" Stroke 8" $\pi \times .125^2 \times .667 = 0.0327 \text{ cu ft}$
 Assume 40 strokes/min = 6.0218 cfs.



BIBB SPOUT is furnished on a 12HD pump only.

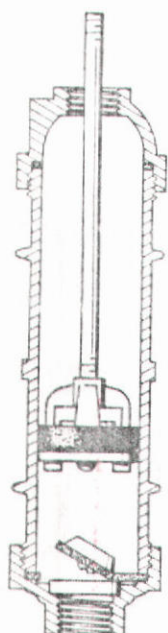
Monitor PUMP CYLINDERS

CAST IRON BARRELS — fine grain cast iron.

CHECK VALVES — hinges leather.

PLUNGERS — one leather.

CAPS — cast iron accurately tapped.



CAST IRON CYLINDERS

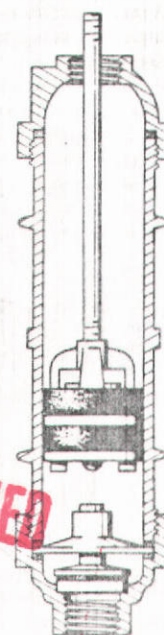
BRASS LINED CAST IRON BARRELS — fine grain cast iron, lined with heavy seamless brass tubing.

CHECK VALVES — brass.

PLUNGERS — all brass, two leathers.

CAPS — cast iron accurately tapped.

See Price List for Specifications



BRASS LINED CAST IRON CYLINDERS

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ONE YEAR LIMITED WARRANTY — Any part of a Monitor Jack, Pump or cylinder used in potable water applications, found defective in workmanship or material will be replaced without charge provided the defective item is returned prepaid to the distributor from whom purchased within one year from date of shipment. The company does not assume responsibility for labor or consequential damage. All other terms and conditions of sale are as stated on the Factory Sales Order Terms and Conditions, Form AD-100.



Printed in the U.S.A.

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 71-07071

Priority: December 21, 1981 Amount: 0.02 CFS 0.4 AFA

This is to certify, that U.S. DEPT. OF AGRI.
FOREST SERVICE
FEDERAL BLDG.
324 25TH ST.
OGDEN, UT 84401

has complied with the terms and conditions of the permit issued pursuant to Application for Permit dated December 21, 1981, and has submitted proof to the Department of Water Resources on November 24, 1982, that water has been applied to a beneficial use; an examination by the Department indicates that the works have a diversion capacity of .020 cfs of water from a GROUNDWATER source and that a water right has been established as follow:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>VOLUME</u>
DOMESTIC	05/15 to 11/15	0.02 CFS	0.4 AFA

LOCATION OF POINT OF DIVERSION(S): SESE , Sec. 3, Township 09N, Range 13E
CUSTER County

PLACE OF USE: DOMESTIC

TWN RGE SEC

09N 13E 3 SESE

CONDITIONS/REMARKS:

1. The right to the use of water hereby confirmed is limited to the amount which can actually be beneficially used and is restricted and appurtenant to the lands or place of use and to the purpose herein described, as provided by the laws of Idaho.
2. This right is subject to all prior water rights and may be forfeited by five years of non-use.
3. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
4. 2 points of diversion located in SESE, S3, T9N, R13E.
5. Domestic use is for Sockeye Campground.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code. Witness the seal and signature of the Director, affixed at Boise, this 30th day of JANUARY, 1989.

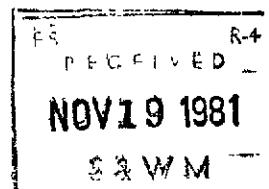
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FEB 09 1989

Acting for the Director

Norman C. Young

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT



APPROVED

To appropriate the public waters of the State of Idaho

1. Name of applicant United States of America - Forest Service Phone 801-625-5360

Post office address 324 - 25th Street, Ogden, Utah 84401

2. Source of water supply ground water which is a tributary of _____

3. Location of point of diversion is SE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Section 3 Township 9 N

Range 13 E B.M. Custer County, additional points of diversion if any: _____

050 - 005

4. Water will be used for the following purposes:

Amount .02 for Domestic purposes from June 1 to Sept 30 (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

5. Total quantity to be appropriated:

a. .02 cubic feet per second and/or b. _____ acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. Two wells with handpumps

b. Height of storage dam _____ feet, active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet, materials used in storage dam: _____

Period of year when water will be diverted to storage _____ to _____ inclusive.
(Month/Day) (Month/Day)

c. Proposed well diameter is 6 inches; proposed depth of well is 100 feet.

7. Time required for the completion of the works and application of the water to the proposed beneficial use is 1 years (minimum 1 year - maximum 5 years).

8. Description of proposed uses:

a. If water is not for irrigation:

(1) Give the place of use of water: SE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Section 3 Township 9 N

Range 13 E B.M.

(2) Amount of power to be generated: _____ horsepower under _____ feet of head.

(3) List number of each kind of livestock to be watered _____

(4) Name of municipality to be served _____, or number of families to be supplied with domestic water _____

(5) If water is to be used for other purposes describe: Water will be used for domestic use in Mt. Heyburn Campground

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b. If water is for irrigation, indicate acreage in each subdivision in the tabulation below:

[illegible]

Total number of acres to be irrigated

c. Describe any other water rights used for the same purposes as described above.

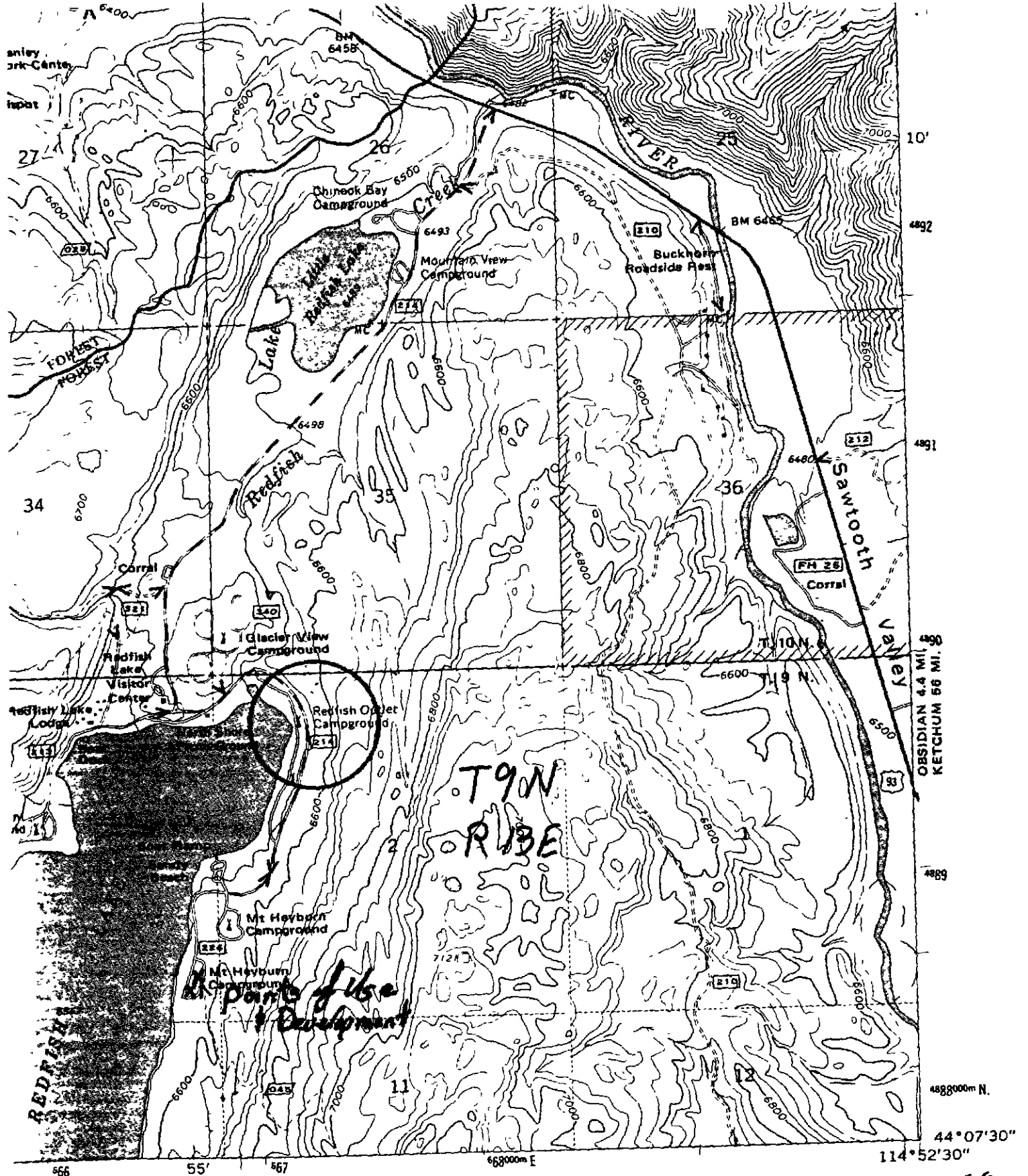
9. a. Who owns the property at the point of diversion United States of America

b. Who owns the land to be irrigated or place of use United States of America

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing

10. Remarks

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STANLEY
 CHALLIS NATIONAL FOREST
 SAWTOOTH NRA
 YANKEE FORK RANGER DISTRICT
 (CUSTER 3 NW)
 1974
 241-2 1

SECTION LINE CLASSIFICATION

Surveyed, location reliable

QUADRANGLE LOCATION

[illegible]

—

the State of Idaho as herein set forth. United States of America - Forest Service

Richard L. Sanders

(for) L. KENT MAYS, JR. (Applicant) DRF, Resources

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Proposed Priority 12/21/81

Received by marpa Date 12-21-81 Time 8:00 a

Preliminary check by JP Fee \$ 30.00 llc # 20763

Receipted by marpa Date 1/6/82

Publication prepared by marpa Date 1/6/82

Published in center publishing Co

Publication dates 1/4 + 1/21/82

Publication approved marpa Date 1/25/82

Protests filed by: None

Copies of protests forwarded by _____

Hearing held by _____ Date _____

Recommended for approval denial by ADM RC

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 71-7071 , and said application is hereby APPROVED .

- 1. Approval of said application is subject to the following limitations and conditions:
 - a. SUBJECT TO ALL PRIOR WATER RIGHTS.
 - b. Proof of construction of works and application of water to beneficial use shall be submitted on or before April 1 , 1983 .
 - c. The rate of diversion, if water is to be used for irrigation under this permit, when combined with all other water rights for the same land shall not exceed 0.02 cubic feet per second for each acre of land.
 - d. Other: _____

Witness my hand this 11th day of March , 19 82 .

J. Glen Saxton
Chief, Operations Bureau

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AFFIDAVIT OF PUBLICATION

State of Idaho, County of Custer, ss

I, *Ernest M. Peck*
Publisher of the Challis Messenger, a
weekly newspaper, published at Challis,
Idaho, do solemnly swear that the notice
hereto attached and made a part hereof,
was published in the regular and entire
issue of the Challis Messenger for *2* ..
consecutive weeks, commencing with
the issue dated *January 14* ..,
19*82* and ending with the issue
dated *January 21* .., 19*82* ..

Subscribed and sworn to before
this *21st* day of *January* ..
19*82*

Ernest M. Peck

Notary Public, residing at Challis,
Idaho. My commission expires on

January 21, 1986

71-7071

U.S. DEPT. OF AGR.
FOREST SERVICE,
FEDERAL BLDG., 324 25TH
ST., OGDEN, UT 84401

Source: GROUND-
WATER

Date Filed: 12/21/1981

Amount: 0.02 CFS

Diversion Point: SESE Sec
03 T 09N R 13E, CUSTER Co.

Place of Use: SESE Sec 03
T 09N R 13E

Diversion Means: WELL,
HANDPUMPS

RECEIVED

January 31, 1989

U.S. DEPT. OF AGRI.
FOREST SERVICE
FEDERAL BLDG.
324 25TH ST.
OGDEN, UT 84401

RE: PERMIT NO. 71-07071

Dear Permit Holder(s):

Enclosed herewith is a copy of the Water Right License issued on the above referenced permit.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:sc

Enclosure

INDEXED

FEB 09 1989

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
LICENSING REPORT

Permit No

1. Measurement Calculations

a) Field Measurement Calculations (Include theoretical capacities and system capacity)

b) Volume Calculations for Irrigation:

$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$ _____
 $V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 =$ _____
 $V = \text{Smaller of } V_{IR} \text{ and } V_{DR} =$ _____

c) Volume Calculations for Other Uses:

2. Overlap Review

a) Other water rights with same place of use: _____

b) Other water rights with same point of diversion: _____

c) Analysis:

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FEB 09 1989

no fee reg'd.

Permit No.	Priority	Amount	App. Date	Date Proof Submitted	System Capacity
71-7071	12/31/81		12/31/81	11/24/82	

Address: 324 25TH ST, Ogden, UT 84401

6. Beneficial Use	Period of Use		Rate of Diversion	Annual Volume
	From	To	Q (cfs)	V (afa)
<u>domestic</u>	<u>5/15</u>	<u>11/15</u>	<u>0.02 cfs</u>	<u>0.40 afa</u>

7. Point(s) of Diversion:

[illegible][illegible]

9. Recommended Conditions/Remarks: This place of use also known as Sockeye
Campground.

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FEB 04 1989

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☐ None☐ Change P.U. as reflected above ☐ Add P U. as reflected above ☐ Other

Checked in Regional Office by _____ Date _____

Approved in State Office by _____ Date _____

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

71-7071
Permit No.

Staff Analysis Sheet
for
Beneficial Use Field Report

RECEIVED

MAY 01 1987

A. Prior to Conducting the Exam, the File Contains:

- ☐ Blank Field Report Form
- ☐ Copy of Permit
- ☐ Copies of any Amendments/Orders with conditions of approval
- ☐ Computer Data Proof Report
- ☐ Copy of U.S.G.S. Quad
- ☐ Check for Government Lots. If so, make a copy of Government Plat

Check of P/D index 12/23/86 TB (Initial and date)

Overlap? ☒ yes ☐ no If yes: ☐ copy of exam(s) attached?

Type of Overlap? ☐ Add acres or uses to existing system

☐ Increase rate of flow or volume

☒ Other: Add P/D's

Check of P/U index TB - 12/23/86 (Initial and date)

Overlap? ☒ yes ☐ no If yes: ☐ copy of water right(s) attached?

Type of Overlap? ☐ Increase rate of flow or volume

☒ Add P/D's

☐ Increase number of acres within tracts

☐ Other: _____

Aerial Photo

Required? ☐ yes ☒ no If yes: ☐ copy attached?

Scheduling Letter sent? _____ (Initial and date)

☒ Appointment made and telephone conversation memo attached

B. After Conducting the Exam, the File Contains:

- ☒ Fully completed and signed Field Report Form
- ☐ Photographs of Point of Diversion and Place of Use
- ☐ Corrected Computer Data Proof Report with recommended license information, and date and signature of examiner.

C. Review and Processing:

Exam Completed 12-9-85 [Signature] (Signature of examiner and date)

Exam Reviewed by Senior Water Resource Agent JA 11-21-86 (Initial and date)

Exam Reviewed by Manager of Regional Office JA 4/13/87 (Initial and date)

Exam Date Entered in Computer _____ (Initial and date)

Exam sent to State Office _____ (Initial and date)

Copy of Staff Analysis Sheet sent to Manager of Regional Office and Original
Refiled in White File _____ (Initial and date)

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
LICENSING REPORT

RECEIVED

MAY 01 1987

71-7071
Permit No.

1. **Measurement Calculations**

- a) Field Measurement Calculations (Include theoretical capacities and system capacity)

See Item 7 form 219A

- b) Volume Calculations for Irrigation:

$$\begin{aligned} V_{IR} &= (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}} \\ V_{DR} &= [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \underline{\hspace{2cm}} \\ V &= \text{Smaller of } V_{IR} \text{ and } V_{DR} = \underline{\hspace{2cm}} \end{aligned}$$

- c) Volume Calculations for Other Uses:

$$35,150 \text{ Visits/yr} \times \frac{2}{3} \text{ (2 out of 3 wells)} \times 5 \text{ gal/person/visit} \div 325,851 \text{ gal/AF} = 0.36 \text{ AF/ANN}$$

2. **Overlap Review**

- a) Other water rights with same place of use: _____

- b) Other water rights with same point of diversion: _____

- c) Analysis.

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FEB 03 1989

RECOMMENDED AMOUNTS

3.	Permit No.	Priority	Amount	App. Date	Date Proof Submitted	System Capacity

4. Permit Holder: _____

Address: _____

5 Source: _____ tributary to _____

[illegible]

Domestic May 15 Nov 15 0.02 cfs 0.4 AF/ANN

Allowable Maximums: 0.02 cfs 0.4 AF/acre

7. Point(s) of Diversion:

[illegible]

8. Place(s) of Use

[illegible]

Total Acres _____

9. Recommended Conditions/Remarks: Allow Season of use as determined
by field exam as per Conv. with Jim Johnson 12-5-85.

10. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other _____

11. Examiner's Signature Jerry D. Blum Date 12-9-85

Checked in Regional Office by J. Stanton Date 11-21-86

Approved in State Office by Norma H. Lantry Date 1/3/09

RECORDED

FEB 09 1969

Date 12-9-85

Date 11-21-86

Date 1/3/89

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

Permit No. 71-7071

Phone No. 801-625-5360

1. Owner. USDA Forest Service

Current Address: Federal Bldg 324 25th St. Ogden, Utah 84401

2 Accompanied by: Bill James % Stanley Zone SNRA

EXAM. DATE: 8-7-84

Address: Stanley, Idaho 83278

Phone No. 774-3511

Relationship to Permit Holder: Employee

3. Source: Groundwater

tributary to

Well/Diversion* No.	Motor Make	HP	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size

*Code with points of diversion, system diagram & photos on reverse side. Disregard if only one.

5. **System Description** (As operating at time of measurement. Indicate pressure, number of sprinklers, etc.)

4 6" x 110' well and a 8" x 208' well both with monitor drinking fountain hand pumps. See attached sheets for picture and well logs

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

7. Measurements

☐ Additional data/computation sheets attached

Calculated Capacity of Drum if Stroke is 8"

$$\text{Vol. of Cylinder} = \pi \times .125 \text{ ft}^2 \times .6667 \text{ ft} = 0.0327 \text{ ft}^3$$

Estimated max. Pumping rate is 40 strokes per min. $\times 0.0327 \text{ ft}^3 = 0.0218 \text{ cfs}$

8. Point(s) of Diversion:

Indicate Method of Determination

[illegible]

9.	Irrigation - give acres served by system at time of exam.
Place(s) of Use:	Indicate Method of Determination

Place(s) of Use:

Indicate Method of Determination

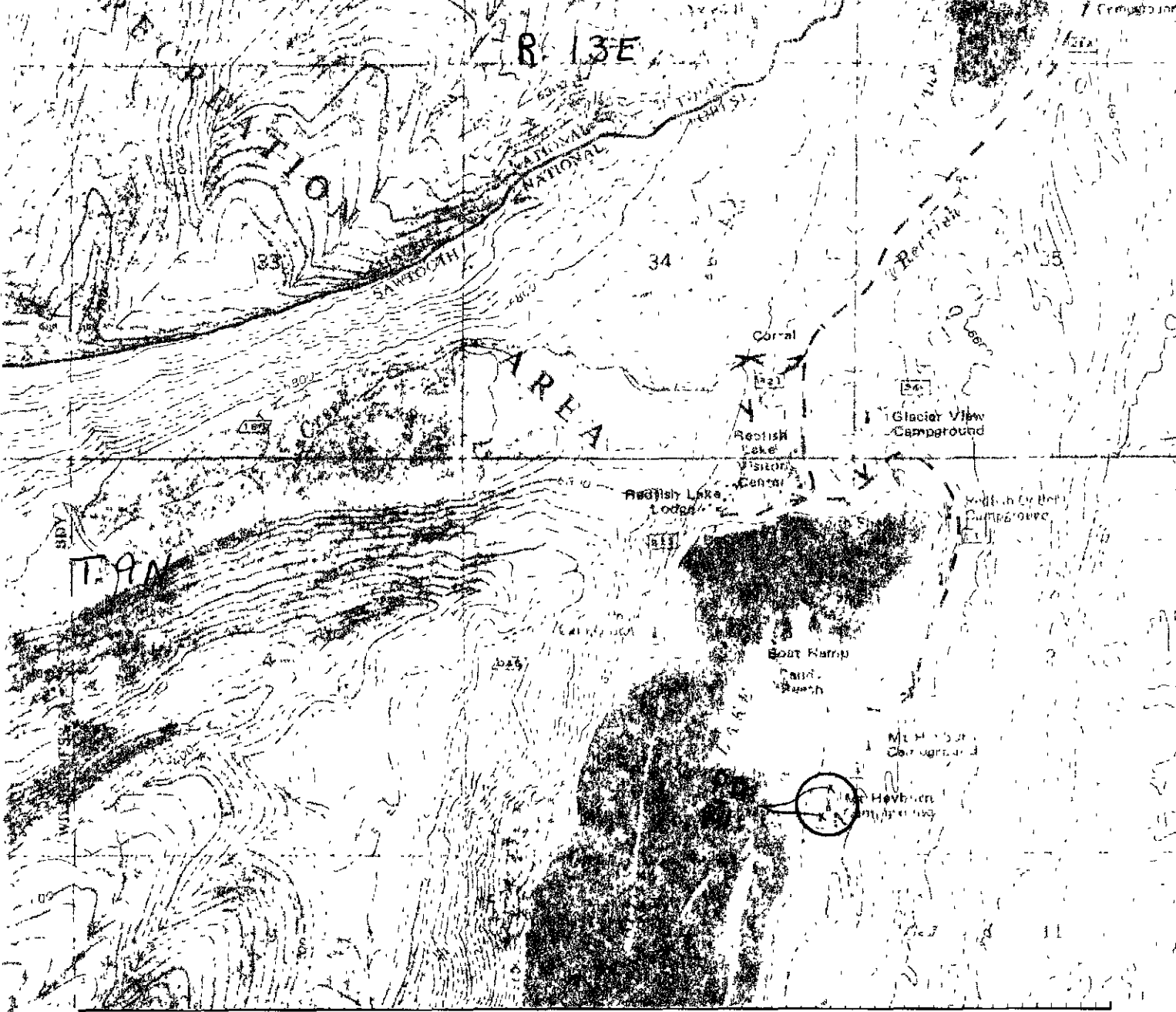
[illegible]

Total Acres

10. Other water rights on these lands 71-7043, 71-7090

11. Other water right diverted from same p.d. None

12. **Diversion and Delivery System Diagram:** Indicate all major components and distances between components. Indicate ditch size/pipe i.d. as applicable. Indicate on systems with measurement port the



13. ☐ Photo of Diversion & System Attached ☐ Aerial Photo of Place of Use Attached or Map of Irrigated Acreage Attached

14. Remarks The Campground This water is used in has had The Name Changed from Mt. Heyburn to Sockeye.

15. Recommended Amendments

☐ Change P.D. as reflected above	☐ Add P.D. as reflected above	☒ None
☐ Change P.U. as reflected above	☐ Add P.U. as reflected above	☐ Other

16. Examiner's/Consultant's Signature Lenny A. Blum Date 12-9-85

Consultant's License Number _____

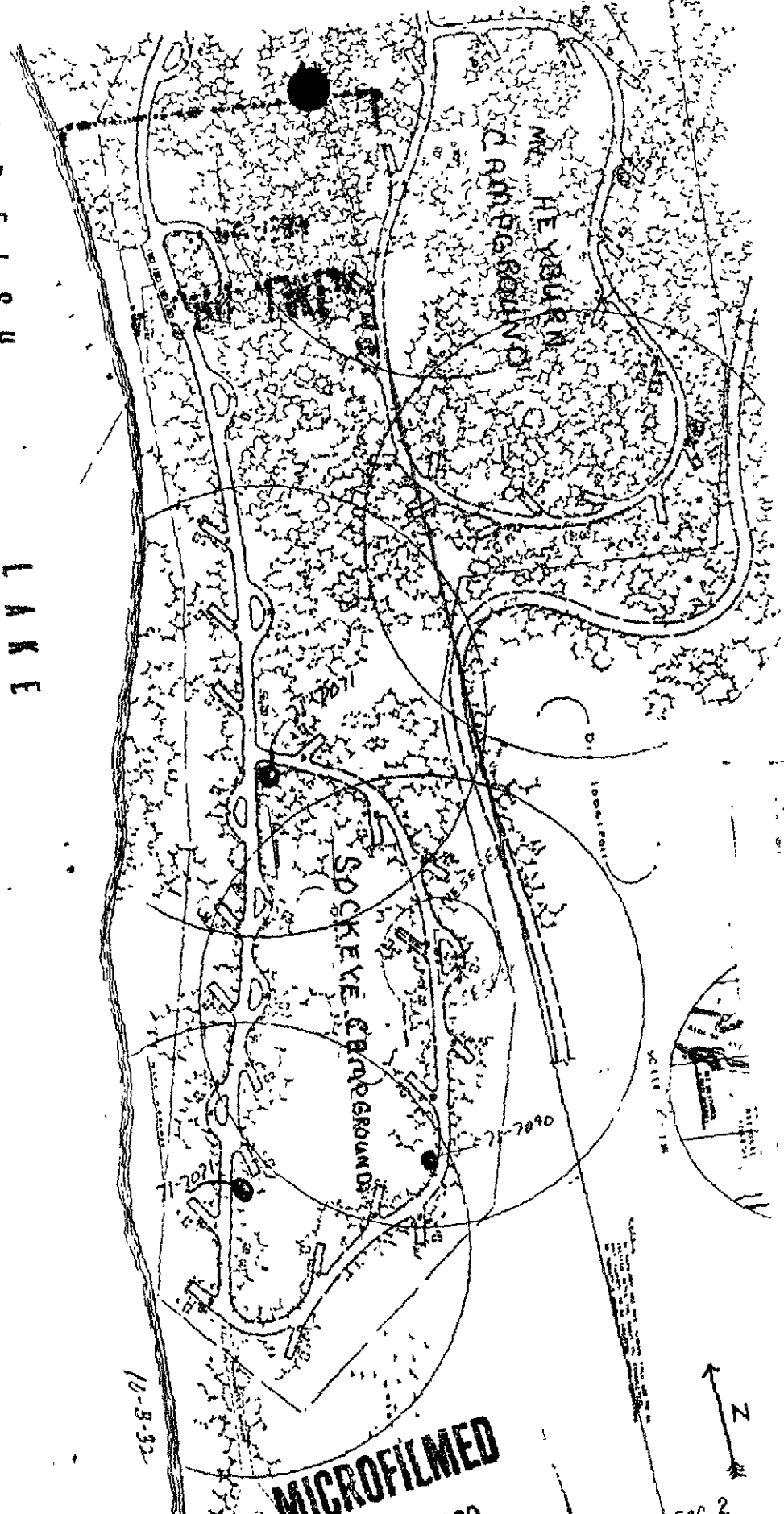
IDWR Director's Authorization to Conduct

Beneficial Use Examination _____

Date _____ CONSULTANT SEAL

R E D F I S H

L A K E



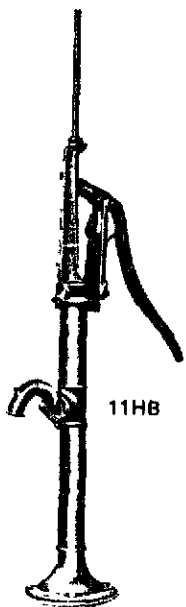
MICROFILMED

FEB 09 1989

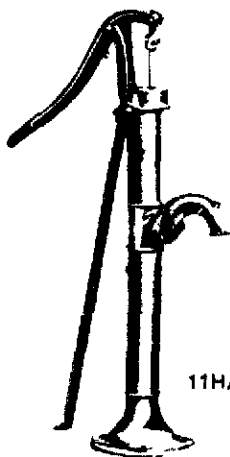
sec. 3 sec. 2

Monitor

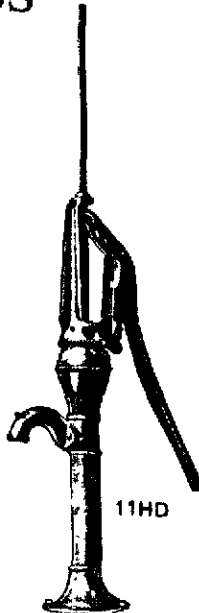
DRINKING FOUNTAIN & HAND PUMP STANDS



11HB



11HA

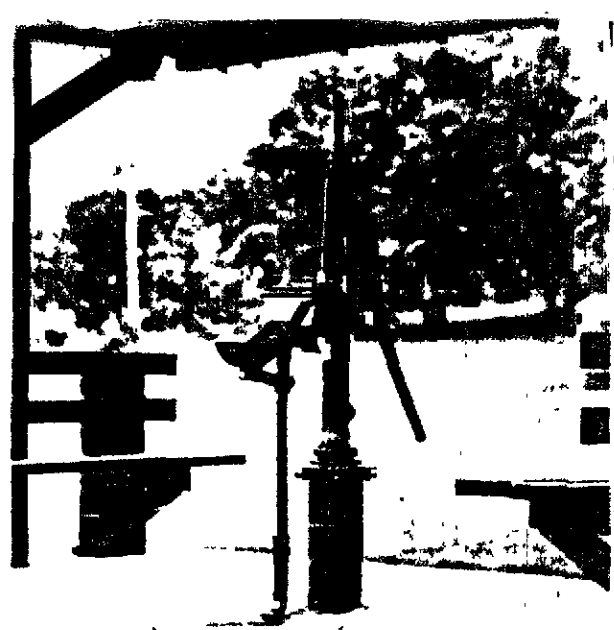


11HD

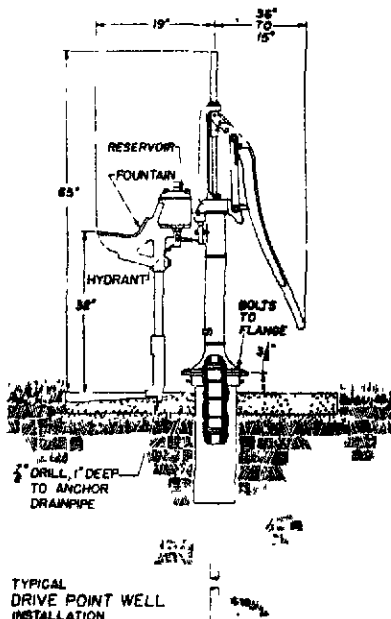
Hand Lift Pump Stands—are recommended for Shallow Well installations. This Hand Lift Pump comes with an angle iron brace, multi-position cap and siphon spout.

Lift Pump Stands—For Windmill, Pump Jack or Hand Pump use. These Lift Pumps have adjustable strokes, multi-position cap and interchangeable spouts.

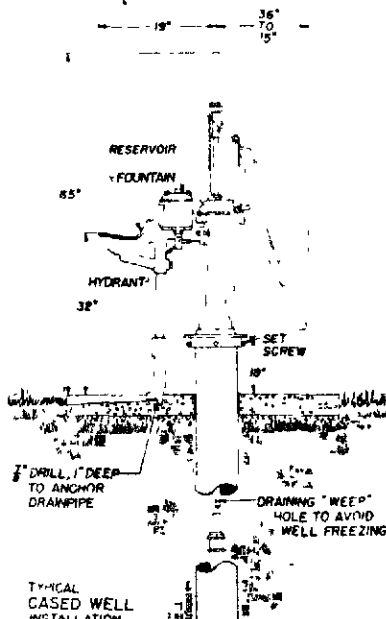
Force Pump Stands—For Windmill, Pump Jack or Hand Pump use. These Force Pumps have a built-in surge chamber, adjustable strokes and multi-position cap. Order (11HD) for siphon spout or (12HD) for bibb spout models.



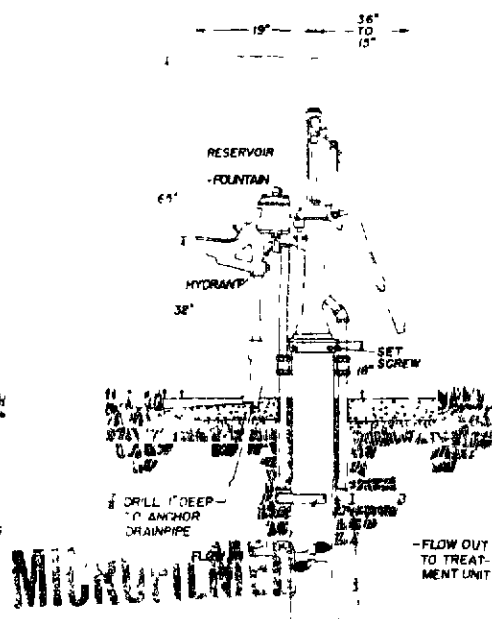
The Monitor Drinking Fountain Pump, used on many golf courses, campgrounds, roadside parks, and picnic areas. This hand pump useful for sites remote from public utilities. A few strokes of handle fills a reservoir with water which, without further pumping becomes a noiseless smooth flowing Drinking Fountain. Spring-loaded hand-lift valve allows water from the reservoir to flow out a hydrant for filling a jug or bucket. The drain pipe discharges at ground level to prevent splash. The pump stand is more secure from contamination. All interior surfaces are inclined for complete drainage. The drain passages are direct and easily accessible. The drain strainer is made of chrome-plated brass. The drain pipe anchored at ground level, into the pump's concrete foundation prevents abuse. Rugged cast iron construction assures years of dependable service. The Drinking Fountain Pump is available in several models.



TYPICAL
DRIVE POINT WELL
INSTALLATION



TYPICAL
CASED WELL
INSTALLATION



—FLOW OUT
TO TREAT-
MENT UNIT

MONITOR

FEB 09 1989

The 1DFHC Pump Stand, for drive point or cased well applications, attaches to a flange mounted on top of a well casing. A sealed flange, available for a 4", 5" or 6" well casing, using a watertight connection for protection from flooding.

The 1DFHF Pump Stand, for drive point or cased well applications, attaches directly to a 4", 5" or 6" well casing. The well casing extends 18" above grade for protection from flooding. (Ohio Pattern Base Pump)

The 1DFHT Pump Stand, for drive point or cased well applications, issued only where purification apparatus is part of the system (Baker Manufacturing Co. does not supply water treatment systems). The HT Pump Stand attaches directly to a 4", 5" or 6" well casing. The well casing extends 18" above grade for protection from flooding.

BAKER
monitor division

EVANSVILLE, WISCONSIN 53536
PHONE: (608) 882-5100

U.S. Patent No. 3,901,440
Can. Patent No. 1,037,082

AD-96

TABLE OF HAND PUMP SPECIFICATIONS*

Number	Type	Stroke Length Hand Power	Drop-pipe Tapping**	Spout	Rod Size	Rod Thread
11HB	Lift	4-6-8 11	2	Syphon	7/16	7/16-14 NC
23HD	Lift	4-6-8 11	2	Syphon	7/16	7/16-14 NC
11HD	Force	4-6-8 11	2	Syphon	11/16	3/8-18NPT 7/16-14NC
12HD	Force	4-6-8 11	2	Bibb	11/16	3/8-18 NPT 7/16-14 NC
11HA	Lift	6 —	2	Syphon	7/16 max.	None Set Screw
1DFHC	Drinking	4-6-8 11	2	Fountain	11/16	7/16-14 NC
1DFHF	Fountain					
1DFHT						

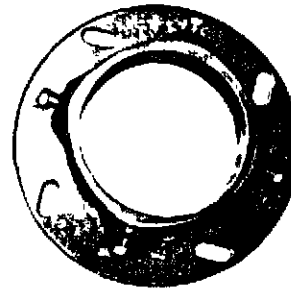
* All Specifications are in inches unless otherwise noted.
 ** Bushing to 1 1/2" supplied.



3" CISTERN PUMP for shallow pump applications is made of heavy cast iron. It has a closed spout, is 15" high and is tapped for 1 1/2" drop pipe.



Hand Pump Spout to hose thread adapter. Used on 11HD and 12HD pumps only.



STANDARD FLANGE



SEALED FLANGE

PUMP FLANGES — For attached Hand Pump Stands with standard base to well casing. Sealed pump flanges come in sizes 4", 5" and 6". Standard pump flanges come in sizes 1 1/2" to 6".

Estimated Pump Capacity
 cylinder d.a 3" Stroke 8" $\pi \times .125^2 \times .667 = 0.0327 \text{ cu ft}$
 Assume 40 Strokes/min = 6.0218 cfs.



BIBB SPOUT is furnished on a 12HD pump only.

Monitor PUMP CYLINDERS

CAST IRON BARRELS — fine grain cast iron.

CHECK VALVES — hinges leather.

PLUNGERS — one leather

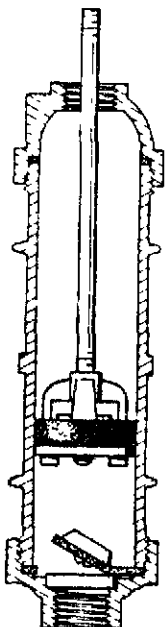
CAPS — cast iron accurately tapped.

BRASS LINED CAST IRON BARRELS — fine grain cast iron, lined with heavy seamless brass tubing

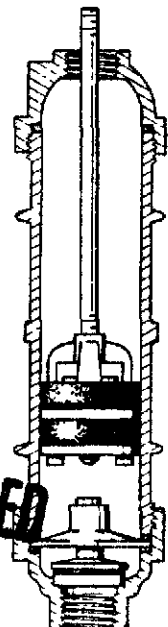
CHECK VALVES — brass.

PLUNGERS — all brass, two leathers.

CAPS — cast iron accurately tapped



CAST IRON CYLINDERS



BRASS LINED CAST IRON CYLINDERS

MICROFILMED
 FEB 09 1989

See Price List for Specifications



ONE YEAR LIMITED WARRANTY — Any part of a Monitor Jack, Pump or cylinder used in potable water applications, found defective in workmanship or material will be replaced without charge provided the defective item is returned prepaid to the distributor from whom purchased within one year from date of shipment. The company does not assume responsibility for labor or consequential damage. All other terms and conditions of sale are as stated on Factory Sales Order Terms and Conditions, Form AD-100.

Printed in the U.S.A.

Unit 24
ces
(SOCKEYE)

LAKE MICHIGAN FILMED

Form 238-7
9/82

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

USE TYPEWRITER OR
BALLPOINT PEN

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources
within 30 days after the completion or abandonment of the well.

1. WELL OWNER
Name SAWTOOTH NATIONAL FOREST
Address 1525 Addison Av. East
Gwin Falls, Idaho (mt. heyburn sockeye)
Owner's Permit No. 71-81-C-0006-000

2. NATURE OF WORK
New well
Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

3. PROPOSED USE
Domestic
Industrial
Other

4. METHOD DRILLED
Rotary
Cable

5. WELL CONSTRUCTION
Casing schedule: Steel
Thickness 270 inches
Diameter 6 5/8 inches
From 1.5 feet
To 182. feet
Was casing drive shoe used? No
Was a packer or seal used? No
Perforated? No
How perforated? Factory
Size of perforation inches by inches
Well screen installed? Yes
Manufacturer's name Johnson
Type Model No.
Diameter 59/16 slot size 65 Set from 184 feet to 191 feet
Diameter Slot size Set from feet to feet
Gravel packed? No
Placed from feet to feet
Surface seal depth 20 Material used in seal: Cement grout
Sealing procedure used. Temp. surface casing
Method of joining casing: Welded
Describe access port 3/4" plug in casing

7. WATER LEVEL
Static water level 27 feet below land surface
Flowing? Yes No
G.P.M. flow
Artesian closed-in pressure p.s.i.
Controlled by Valve Cap Plug
Temperature OF. Quality
Describe artesian or temperature zones below

8. WELL TEST DATA
Pump Bailer Air Other
Discharge G.P.M. 20
Pumping Level
Hours Pumped

9. LITHOLOGIC LOG
Bore Diam. Depth From To Material Water Yes No
8 0 2 soil & sand
2 4 boulders
4 38 decomposed granit & boulders
38 40 boulder
40 57 decomposed granit
57 60 boulder
60 95 decomposed granit with small boulders
95 131 large boulders & sand
131 138 granit solid
138 139 crack in rock
139 148 granit solid
148 149 crack in rock
149 167 granit solid
167 169 granit loose
169 171 granit solid
171 178 granit broken & loose x
178 184 granit hard
184 197 granit broken & loose x
197 208 granit solid

10. Work started 9-24-81 finished 10-2-81

11. DRILLERS CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.
Firm Name SHERMAN COUCH WELL DRILLING 161
340 Wauna Vista DR
Address BURLEY IDAHO Date 11-5-81
Signed by (Firm Official) Sherman Couch
and
(Operator) Sherman Couch

6. LOCATION OF WELL
Sketch map location must agree with written location.
Subdivision Name
Lot No. Block No.
County Custer
SE 1/4 SE 1/4 Sec. 3, T. 9 N, R. 13 E

12. DRILLER'S SIGNATURE
MICROFILMED
JUN 05 1998

Signed by (Firm Official) Shannon Cooney
 FILMED and
 5 1998 (Operator) Shannon Cooney

County Custer
SE ¼ SE ¼ Sec. 3, T. 9 N/S, R. 13 EW.

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

Unit 32

(SOCKEYE)

1. WELL OWNER

Name EMERALD NATIONAL FOREST

Address 1525 Addison Av. East
Twin Falls, Idaho (mt. hayburn sockeye
unit no32

Owner's Permit No. _____

7. WATER LEVEL

Static water level 27 feet below land surface.

Flowing? ☐ Yes ☐ No G.P.M. flow _____

Artesian closed-in pressure _____ p.s.i.

Controlled by: ☐ Valve ☐ Cap ☐ Plug

Temperature _____ OF. Quality _____

Describe artesian or temperature zones below

2. NATURE OF WORK

- ☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc in lithologic log)

8. WELL TEST DATA

☐ Pump ☐ Bailer ☒ Air ☐ Other _____

Discharge G.P.M.	Pumping Level	Hours Pumped
20		

3. PROPOSED USE

- ☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other _____ (specify type)

4. METHOD DRILLED

- ☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary
☐ Cable ☐ Dug ☐ Other _____

5. WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____

Thickness	Diameter	From	To
20 inches	6 5/8 inches	1.5 feet	182.5 feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

Was casing drive shoe used? ☐ Yes ☒ No

Was a packer or seal used? ☐ Yes ☒ No

Perforated? ☐ Yes ☒ No

How perforated? ☐ Factory ☐ Knife ☐ Torch

Size of perforation _____ inches by _____ inches

Number	From	To
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet

Well screen installed? ☒ Yes ☐ No

Manufacturer's name Johnson

Type _____ Model No. _____

Diameter 5 9/16 Slot size 65 Set from 184 feet to 188 feet

Diameter _____ Slot size _____ Set from _____ feet to _____ feet

Gravel packed? ☐ Yes ☐ No ☐ Size of gravel _____

Placed from _____ feet to _____ feet

Surface seal depth 20 Material used in seal: ☒ Cement grout

☐ Bentonite ☐ Puddling clay ☐ _____

Sealing procedure used: ☐ Slurry pit ☒ Temp. surface casing

☒ Overbore to seal depth

Method of joining casing. ☐ Threaded ☒ Welded ☐ Solvent

Weld

☐ Cemented between strata

Describe access port 3/4" plug in casing

9. LITHOLOGIC LOG

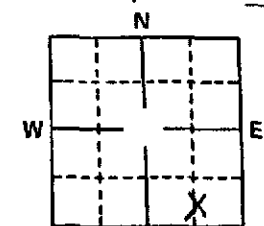
Bore Diam.	Depth		Material	Water	
	From	To		Yes	No
8	0	2	soil & sand		
	2	4	boulders		
	4	38	decomposed granit & boulders		
	38	40	boulder		
	40	57	decomposed granit		
	57	60	boulder		
	60	95	decomposed granit with small boulders		
	95	131	large boulders & sand		
	131	138	granit solid		
	138	139	crack in rock		
	139	148	granit solid		
	148	149	crack in rock		
	149	167	granit solid		
	167	169	granit loose		
	169	171	granit solid		
	171	178	granit broken & loose	x	
	178	184	granit hard		
	184	197	granit broken & loose	x	
	197	208	granit solid		

10.

Work started 4-24-81 finished 10-2-81

6. LOCATION OF WELL

Sketch map location must agree with written location.



Subdivision Name

Name changed to Redfish Lake

SOCKEYE CG.

Lot No. _____

Block No. FEB 09 1989

11. DRILLERS CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Name SHERMAN COUCH WELL FIRM No. 161

Address 340 Wauna Vista DR

Address BURLEY IDAHO

Date 11-5-81

Signed by (Firm Official)

and

(Operator)

County Custer

SE 1/4 SE 1/4 Sec. 3, T. 9 N/S, R. 13 E/W



State of Idaho

DEPARTMENT OF WATER RESOURCES

STATE OFFICE, 450 W. State Street, Boise, Idaho

JOHN V. EVANS
Governor

A. KENNETH DUNN
Director

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 334-4440

December 6, 1982

Richard F. Sanders
Forest Service
Federal Building
324 25th St.
Ogden, UT 84401

Dear Mr. Sanders:

Re: Permit Nos. 33-7080, 33-7081, 37-7985 thru 37-7988, 37-7993
63-9856 thru 63-9858, 63-9860, 63-9861, 63-9864, 63-9865,
71-7070, 71-7071, 71-7072 & 71-7073

This office acknowledges receipt of the Statement of Beneficial Use
postcard for the above-referenced permits.

Before a license can be issued, a field examination must be made by a
representative of this department. We cannot tell just when this exam-
ination will be made, but our examiner will try to contact you at the
time he makes the examination so that you or a representative may show
him the system.

If you have any questions regarding the field examination, please
contact the appropriate regional office.

Sincerely,

RITA I. FLECK
Sr. Secretary

PLACE
TEN CENT
STAMP
HERE



NOV 2 1982

IDAHO DEPARTMENT OF WATER RESOURCES
STATEHOUSE
BOISE, IDAHO 83720

050-005

DEPARTMENT OF WATER RESOURCES

The Idaho Department of Water Resources will consider this card as a statement that the permit holder(s) has completed development to the extent shown below of Permit No. 71-7021.

Name(s) of Permit Holder: United States of America - Forest Service

Post Office Address: Federal Building, 324 25th Street

Ogden, Utah 84401 Tel. No. (801) 625-5360

Source of Water: Groundwater

Extent of Use: ☐ Domestic _____ (number of households)
☐ Stockwater _____ (number and type of stock)
☐ Irrigation _____ (acres)
☒ Other Mt. Heyburn Campground, 105 Person Capacity

Measuring Device: Required? ☐ Yes ☒ No Installed? ☐ Yes ☐ No

Access Port: Required? ☐ Yes ☒ No Installed? ☐ Yes ☐ No

The above information is a true statement of the extent to which the above numbered permit has been developed. (for) Deputy Regional Forester, Resources

Nov. 22 1982

Date

4-1-83

Richard L. Smith
Signature of Permit Holder

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
324 25th Street
Ogden, UT 84401

NOV 22 1982

2540

November 22, 1982



Mr. A. Kenneth Dunn
Director
Idaho Department of Water Resources
Towers Building, 3rd Floor
450 West State Street
Boise, ID 83720

Dear Mr. Dunn:

Enclosed are sixteen (16) completed Proof of Beneficial Use cards
for water developments located on the Sawtooth National Forest.

These developments are in State Basins 37, 63, and 71.

Sincerely,

Richard J. Sanders
T.A. ROEDERER
Deputy Regional Forester
Resources

Enclosures (16)



State of Idaho

DEPARTMENT OF WATER RESOURCES

STATE OFFICE, 450 W. State Street, Boise, Idaho

JOHN V. EVANS

Governor

A. KENNETH DUNN

Director

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 334-4440

March 26, 1982

RE: Permits Nos. 24-7152, 24-7153, 24-7154, 24-7155, 71-7070, 71-7071,
71-7072 and 71-7073

U.S. Dept. of Agri.
Forest Service
Federal Bldg.
324 25th St.
Ogden, UT 84401

Gentlemen:

Enclosed are copies of your approved applications for permit as referenced above. We direct your attention to the conditions of approval on the fourth pages.

We have enclosed a form entitled "Making Proof of Beneficial Use". Please read the instructions carefully since you must take further action to develop these permits into licenses.

Sincerely,

DAVID R. TUTHILL, JR., P.E.
Supervisor, Water Allocation Section

DRT:kw
Enclosures

MICROFILMED

State of Idaho
Department of Water Resources

APPLICATION FOR PERMIT ANALYSIS SHEET

USDA - Forest Service

INITIAL REVIEW BY: J. E. Stanton

APPLICATION NUMBER: 71-7071

CHECK:

- ☒ Source.
☒ Point of diversion.
☒ County.
☒ Quantity of water and period of use.
☒ Description of diverting works.
☒ Time required for beneficial use of water.
☒ Place of use or acres irrigated.
☒ Map.
☒ Signature.
☒ Fee.
☐ Yes ☒ No Field check required.
☐ Yes ☒ No Critical groundwater area.
☐ Yes ☒ No Request dam safety information. Sent by: _____ Date: _____
☒ Yes ☐ No* In form to receipt.

Field check by: _____

Date: _____

Comments: _____

*REQUEST THE FOLLOWING ADDITIONAL INFORMATION FROM THE APPLICANT: _____

SEND COPIES TO:

- ☐ Idaho State Health Department.
☐ Idaho Fish and Game Department.
☐ Idaho Department of Lands.
☐ U.S. Bureau of Land Management.
☐ U.S. Forest Service.
☐ Other _____

Copies sent by: _____ Date: _____

PROCESSING:

- ☐ Yes ☒ No Platted by: JP Map No. V-19
☐ Yes ☒ No Other rights on same place of use. N/A
☒ Yes ☐ No* In form for advertising. 2/1/82 ✓
☐ Yes ☒ No Final date for protests: 2/1/82 ✓
☐ Yes ☒ No Protests received. If yes, record information on 4th page of application.

FINAL REGIONAL PROCESSING REVIEW:

- ☒ Affidavit of publication received. Date: 1/25/82 ✓
☒ Application published correctly. If not, record action taken: _____
☒ Fee amount, receipt date & number, recorded on application.
☒ Publication dates and paper, recorded on application.
☒ Protests, dates, withdrawal, etc., recorded on application.
☒ Recommendation & initial, recorded on application.
☐ Yes ☒ No Measuring device required.
☐ Yes ☒ No Access port required.
☐ Yes ☒ No Will water be delivered by watermaster? If yes, what district? _____
☒ 12/21/82 Date of priority recommended.
☒ Special conditions of approval or cover letter. None

By: ADL Date: 2/3/82

STATE OFFICE REVIEW:

SLW cond

- ☐ See attached sheet for more information.

By: Rajp Date: 2/25/82

FEB 05 1982

Department of Water Resources

MICROFILMED

RECEIVED

NOTICE OF APPLICATION FOR WATER RIGHT

Notice is hereby given that the following application(s) have been submitted for permit to appropriate the public waters of the State of Idaho:

Z1-Z0Z1-

U.S. DEPT. OF AGRI.

FOREST SERVICE, FEDERAL BLDG., 324 25TH ST., OGDEN, UT 84401

Source: GROUNDWATER

Date Filed: 12/21/1981

Amount: 0.02 CFS

Diversion Point: SESE Sec 03 T 09N R 13E, CUSTER Co.

Place of Use: SESE Sec 03 T 09N R 13E

Diversion Means: WELL, HANDPUMPS

If issued, the permit(s) will be subject to all prior water rights. Protests against the granting of any permit must be filed with the Director of the Idaho Department of Water Resources, 1041 Blue Lakes Blvd. North, Twin Falls, Idaho 83301 and received on or before FEBRUARY 1, 1982.

A. KENNETH DUNN

Director

Published 1/14 & 1/21/82.

MICROFILMED

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Southern Region

1041 Blue Lakes Blvd N.
Twin Falls, Idaho 83301
(208) 734-3578

JANUARY 6, 1982

Custer Publishing Company
P. O. Box 405
Challis, Idaho 83226

Gentlemen:

Enclosed you will find a legal notice which we wish to have published on the dates indicated (once a week for two consecutive weekly issues) in your newspaper. We have allowed ample time for you to submit a galley proof to this office for review before the first publication date. If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Your cooperation is appreciated.

Please send the affidavit of publication and publication billing to this office before FEBRUARY 1, 1982.

Yours truly,

Mary A. Hill
Secretary

Encl.

MICROFILMED