



WATER-RIGHT DOCKET

Rocky Mountain National Park

Docket No: 6

MILL CREEK AND HALLOWELL PARK WELL

Preliminary Docket Information

00-00-0000: water right record: application 23819

WATER RIGHT RECORD

Park: ROMO

Docket Number:

Federal #6

IDENTIFICATION NO: ROMO, W 0 6 0 4 7 3, A F, 0 6

DITCH/WATER SYSTEM: Hallowell Park

SOURCE OF SUPPLY: Well

LOCATION: NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 6, T4N, R73W, 6th PM

WATER RIGHT:

Appropriator: United States of America, National Park Service

Application/Permit Number: 23819, approved May 17, 1965

Certificate Record Number:

Date of Priority: April, 1965

Quantity of Water: .10 c.f.s.

Purpose: Domestic

Irrigated Land Description:

SUMMARY OF STATUS: This is a Federal water right consisting of a 100 foot well drilled April, 1965.

This system is no longer in use.

WATER RIGHT RECORD

Park:

Docket Number:

IDENTIFICATION NO: _____

DITCH/WATER SYSTEM:

SOURCE OF SUPPLY:

LOCATION:

WATER RIGHT:

Appropriator:

Application/Permit Number:

Certificate Record Number:

Date of Priority:

Quantity of Water:

Purpose:

Irrigated Land Description:

SUMMARY OF STATUS:

WATER RIGHT RECORD

Park:

Docket Number:

IDENTIFICATION NO: _____

DITCH/WATER SYSTEM:

SOURCE OF SUPPLY:

LOCATION:

WATER RIGHT:

Appropriator:

Application/Permit Number:

Certificate Record Number:

Date of Priority:

Quantity of Water:

Purpose:

Irrigated Land Description:

SUMMARY OF STATUS:

WATER RIGHT RECORD

Park: ROMO

Docket Number:

Federal #6

IDENTIFICATION NO: ROMO, R, 0 6 0 4 7 3, C, F, 0 6,

DITCH/WATER SYSTEM: Hallowell Park Pipe Line No. 2 (Use Discontinued)

SOURCE OF SUPPLY: Mill Creek

LOCATION: Point of diversion is from the North bank of Mill Creek at a point whence the center corner of Sec. 6, T4N, R73W, bears N31°33'E 1826.86 feet.

WATER RIGHT:

Appropriator: United States of America, National Park Service

Application/Permit Number: Filing 16526, accepted 2/24/39

Certificate Record Number:

Date of Priority: Dom. Priority #19 for .01 c.f.s. as of June 30, 1913

Dom Priority #26 for .030 c.f.s. as of June 30, 1917

Quantity of Water: .04 c.f.s.

Purpose: Domestic

Irrigated Land Description:

SUMMARY OF STATUS: This use was discontinued December 1940.

Work was commenced by construction as follows: In Sept. 1913, John Griffith constructed a ditch (HPDitch No.3) It was used from the time of its construction until the summer of 1916. In June, 1916, Griffith constructed Pipeline No. 3 along the same course. Used continuously to the year 1934. In June, 1917, Griffith built Pipeline No. 1. In 1932 all priority rights were conveyed to the USA. On April 15, 1932, the NPS began and completed on May 15 of said year, construction of Pipeline No. 2. Pipeline No. 3 was later abandoned.

WATER RIGHT RECORD

Park: ROMO

Docket Number:
Federal #6

IDENTIFICATION NO: ROMO S050473 AF06

DITCH/WATER SYSTEM: Mill Creek (Hallowell Park Pipeline No. 1)

SOURCE OF SUPPLY: Spring

LOCATION: about 140 feet south of the south bank of Mill Creek, whence the
West $\frac{1}{4}$ cor. of Sec. 5, T4N, R73W, bears S53°33'W 2131.87 feet.

WATER RIGHT:

Appropriator: United States of America, National Park Service

Application/Permit Number: Filing #16526, accepted in the Office of the
State Engineer of Colorado on Feb. 24, 1939
Certificate Record Number:

Date of Priority: Domestic Priority #25 as of June 30, 1917, in
accordance with Decree 10077, November 14, 1939.

Quantity of Water: .10 c.f.s.

Purpose: Domestic

Irrigated Land Description:

SUMMARY OF STATUS: This is a Federal water right serving the Mill Creek
residences.

**ROCKY MOUNTAIN NATIONAL PARK
WATER RIGHT DOCKET NO. 6
HOLLOWELL PARK SYSTEM**

OUTLINE OF ASSEMBLY

PART I - HOLLOWELL PARK DITCH NO. 2

1. Copy, Drawing No. HP-RM-6977, Sheet 3 of 3 for Hollowell Park Pipe Lines Nos. 1 & 2 and Hollowell Park Ditches Nos. 1, 2, 3 & 4.
2. Copy, Drawing No. HP-RM-6977, Sheet 2 of 3 for Hollowell Park Pipe Lines Nos. 1 & 2 and Hollowell Park Ditches Nos. 1, 2, 3 & 4.
3. Copy, Statement of Claim of the United States of America for the Hollowell Park Ditch No. 2, No. 10077 - 4 Pages with Notation at Bottom of Page 1 - JUN 23 '39 98528.
4. Copy, Hollowell Park Ditch No. 2 (Irrigation Ditch Priority No. 99; Ditch No. 65); dated June 22, 1912 - Pages 112, 113 & 114.

PART II - HOLLOWELL PARK PIPE LINES 1 & 2

5. Copy, Statement of Claim of the United States of America for the Hollowell Park Pipe Lines Nos. 1 & 2 - 5 Pages with Notation at Bottom of Page 1 - JULY 11 '39 99670.
6. Copy, Hollowell Park Pipe Lines Nos. 1 & 2 (Domestic Priorities Nos. 19, 25 and 26; Ditch--Pipe Line--Nos. 25 and 26) - Pages 153, 154, 155 and 156 dated June 30, 1917.
7. Copy, Statement dated April 9, 1953 by A. van V. Dunn.
8. Copy, Form NPS-L-1, Land Ownership Record, Deed No. 56, dated November 23, 1943 by A. van V. Dunn.

PART III - JOB CORPS CAMP - WELL (HOLLOWELL PARK)

9. Copy, Form C Rev. 9-62/10M State of Colorado--Application For: Permit to Construct A Well.

ROCKY MOUNTAIN NATIONAL PARK
WATER RIGHT DOCKET NO. 6
HOLLOWELL PARK SYSTEM

OUTLINE OF ASSEMBLY

PART I - HOLLOWELL PARK DITCH NO. 2

1. Copy, Drawing No. NP-RM-6977, Sheet 3 of 3 for Hollowell Park Pipe Lines Nos. 1 & 2 and Hollowell Park Ditches Nos. 1, 2, 3 & 4.
2. Copy, Drawing No. NP-RM-6977, Sheet 2 of 3 for Hollowell Park Pipe Lines Nos. 1 & 2 and Hollowell Park Ditches Nos. 1, 2, 3 & 4.
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PART II - HOLLOWELL PARK PIPE LINES 1 & 2

5. Copy, Statement of Claim of the United States of America for the Hollowell Park Pipe Lines Nos. 1 & 2 - 5 Pages with Notation at Bottom of Page 1 - JULY 11 '39 99670.
6. Copy, Hollowell Park Pipe Lines Nos. 1 & 2 (Domestic Priorities Nos. 19, 25 and 26; Ditch--Pipe Line--Nos. 25 and 20) - Pages 153, 154, 155 and 156 dated June 30, 1917.
7. Copy, Statement dated April 9, 1953 by A. van V. Dunn.
8. Copy, Form NPS-L-1, Land Ownership Record, Deed No. 56, dated November 23, 1943 by A. van V. Dunn.

PART III - JOB CORPS CAMP - WELL (HOLLOWELL PARK)

9. Copy, Form C Rev. 9-62/10M State of Colorado--Application For: Permit to Construct A Well.

ROMO S 05 04 73 A F 06
ROCKY MOUNTAIN
ROCKY MOUNTAIN NATIONAL PARK
MILL CREEK - HALLOWELL PARK PIPELINE NO 1
COLORADO
LABIMER
ROMA WATER RIGHT DOCKET 6
T4N R73W SEC 5
APPROPRIATION
16526 - FEBRUARY 24 1939
25
COURT DECREE 10077
JUNE 30 1917 - 10 CFS
JANUARY 26 1915
ACTING FEDERAL NOVEMBER 14 1939
GROUND WATER
DOMESTIC
10 CFS
10190006
WATER SERVES THE MILL CREEK RESIDENCES

DOCKET INFORMATION SHEET

Docket Identity	ROMO, W 06 04 73 A F 06
Region	ROCKY MOUNTAIN
Area	ROCKY MOUNTAIN NATIONAL PARK
Site	HALLOWELL PARK
State	COLORADO
County	LARIMER
Docket	ROMO WATER RIGHT DOCKET 6
Location	T4N R73W SEC 73 NE 1/4 SW 1/4
Acquired by	APPROPRIATION
Application	23819 TO DRILL WELL - APPROVED MAY 17, 1965
Permit	
Certificate	
Priority	APRIL 1965 - 0.10 CFS
Reservation	JANUARY 26, 1915
Status	INACTIVE FEDERAL
Source	GROUND WATER
Use	DOMESTIC
Quantity	0.10 CFS
Hydrologic Unit	10190006
Remarks	100 FOOT WELL DRILLED IN APRIL 1965, SYSTEM NO LONGER IN USE

ROMO, R. 06 04 73 B. F. 06
ROCKY MOUNTAIN
ROCKY MOUNTAIN NATIONAL PARK
HALLOWELL PARK DITCH NO. 1
COLORADO
LARI MER
ROMO WATER RIGHT DOCKET 6
T4N R73W SEC 6 SE 1/4 ME 1/4
APPROPRIATION
16526 ON 2 24 1939
COURT DECREE 10077
1910 - 1916 CFS
JANUARY 26 1915
INACTIVE FEDERAL NOVEMBER 14 1939
SURFACE WATER
IRRIGATION
1016 CFS
10190006
PRESENTLY NOT IN USE

Docket Identity	ROMO, R 06 04 73 C, F 06
Region	ROCKY MOUNTAIN
Area	ROCKY MOUNTAIN NATIONAL PARK
Site	HALLOWELL PARK DITCH NO 2
State	COLORADO
County	LARIMER
Docket	ROMO WATER RIGHT DOCKET 6
Location	T4N, R73W SEC 6
Acquired by	APPROPRIATION
Application	16526 ON 2 24 1939
Permit	99
Certificate	COURT DECREE 10077
Priority	JUNE 22 1912 - .70 CFS
Reservation	JANUARY 26 1915
Status	INACTIVE FEDERAL NOVEMBER 14 1939
Source	SURFACE WATER
Use	IRRIGATION
Quantity	.70 CFS
Hydrologic Unit	10190006
Remarks	PRESENTLY NOT IN USE

State Water Rights Documentation



U.S. Department of Justice

Environment and Natural Resources Division

WMC:dh
90-1-2-892

Denver Field Office
Suite 945
999 18th Street
Denver, Colorado 80202

Commercial Number
(303) 294-1900
FTS/330-1900
Telefax Number
(303) 294-1931
FTS/330-1931

December 7, 1992

Mr. Kenneth Czarnowski
National Park Service
Division of Resources Management
Estes Park, Colorado 80517

Re: Water Division No. 1 - Case Nos. W-8789-77

Dear Ken:

Enclosed for your records please find a copy of page 3 of FINDINGS AND RULING OF THE REFEREE AND DECREE OF THE WATER COURT in the above-captioned case. As you will see, the Judgment and Decree was entered by the court on November 23, 1992.

We will now consider this file inactive.

Sincerely,

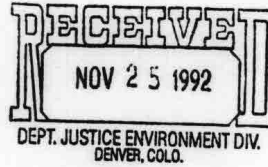
Deirdre Hills

Deirdre Hills
Legal Technician
General Litigation Section

cc: Mr. Owen R. Williams
Chief, Water Resources Division
National Park Service
1201 Oakridge Drive, Suite 250
Fort Collins, Colorado 80525

Ralph O. Canaday, Esq.
Regional Solicitor's Office
Department of the Interior
Post Office Box 25007
Denver Federal Center
Denver, Colorado 80225

USA
W-8789-77
Page 3



THE COURT FINDS: NO PROTEST WAS FILED IN THIS MATTER.

THE FOREGOING RULING IS CONFIRMED AND APPROVED, AND IS HEREBY
MADE THE JUDGMENT AND DECREE OF THIS COURT.

Dated: NOV 23 1992

A handwritten signature in cursive script, appearing to read "Robert A. Behrman", written over a horizontal line.

ROBERT A. BEHRMAN
Water Judge
Water Division No. 1
State of Colorado



U.S. Department of Justice

Land and Natural Resources Division

Denver Field Office
Federal Bldg., 1961 Stout Street
Drawer 3607
Denver, Colorado 80294

Commercial Number
(303) 844-3627
FTS/564-3627

January 3, 1989

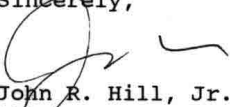
Mr. Owen R. Williams
Chief, Water Resources Division
National Park Service
Federal Building, 301 S. Howes Street
Fort Collins, Colorado 80521

Re: Water Division No. 1 - Case No. W-8792-77

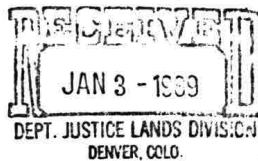
Dear Owen:

Enclosed please find a copy of FINDINGS AND RULING OF THE REFEREE AND DECREE OF THE WATER COURT in the above-captioned case. Please let us know by January 12, 1989, whether this Ruling is acceptable to your agency. We look forward to hearing from you.

Sincerely,


John R. Hill, Jr.
Attorney
General Litigation Section

cc: Ralph O. Canaday, Esq.
Regional Solicitor's Office
Department of the Interior
Denver, Colorado



FILED IN DISTRICT COURT

38 DEC 29 P 1: 53

DISTRICT COURT, WATER DIVISION NO. 1, COLORADO

DISTRICT WATER COURT
WELD COUNTY COLO.

CASE NO. W-8792-77

FINDINGS AND RULING OF THE REFEREE AND DECREE OF THE WATER COURT

IN THE MATTER OF THE APPLICATION FOR WATER RIGHTS OF
UNITED STATES OF AMERICA, ROCKY MOUNTAIN NATIONAL PARK,
IN LARIMER COUNTY

THIS CLAIM was filed with the Water Clerk, Water Division 1, on December 29, 1977 and the Referee being fully advised in the premises, does hereby find:

All notice required by law of the filing of this application have been fulfilled, and the Referee has jurisdiction of this application.

Numerous Statements of Opposition and Entries of Appearance were filed to all the USA cases. Upon agreement of all counsel this case is to be ruled on as if no opposition had been filed.

All matters contained in the application were reviewed, and testimony was taken where such testimony was necessary and such corrections made as are indicated by the evidence presented.

IT IS HEREBY THE RULING OF THE WATER REFEREE:

1. The name and address of the claimant:

United States of America
Department of Justice
Land and Natural Resources Division
1961 Stout Street
P. O. Drawer 3607
Denver, CO 80294

2. The name of the structure:

USA Rocky Mountain National Park
Hallowell Park Well No. 23819

W-8792-77
Page 2

3. The legal description of the structure:

SE1/4NW1/4 Section 6, Township 4 North, Range 73
West, 6th P.M., Larimer County, at a point from whence the
monument corner common to Lots 6, 7, 10 and 11 bears North 2°24'
East 1,335.6 feet. This common corner is also known as the
center of Section 6.

4. The source of water:

Groundwater

5. The date of appropriation:

May 4, 1965

6. The amount of water:

0.1 cubic feet per second (50 gpm) limited to 0.3
acre foot annually.

7. The use of the water:

Drinking and sanitary facilities for Job Corps
Camp.

8. This water right, so long as uses are limited to
those decreed herein, is exempt from administration by the State
Engineer pursuant to CRS 37-92-602.

Dated: December 29, 1988


RAYMOND S. LIESMAN
Water Referee
Water Division No. 1

W-8792-77
Page 3

THE COURT FINDS: NO PROTEST WAS FILED IN THIS MATTER.

THE FOREGOING RULING IS CONFIRMED AND APPROVED, AND IS HEREBY
MADE THE JUDGMENT AND DECREE OF THIS COURT.

Dated: _____

ROBERT A. BEHRMAN
Water Judge
Water Division No. 1
State of Colorado



U.S. Department of Justice

Land and Natural Resources Division

Denver Field Office
Federal Bldg., 1961 Stout Street
Drawer 3607
Denver, Colorado 80294

Commercial Number
(303) 844-3627
FTS/564-3627

January 3, 1989

Mr. Owen R. Williams,
Chief, Water Resources Division
National Park Service
Federal Building, 301 S. Howes Street
Fort Collins, Colorado 80521

Re: Water Division No. 1 - Case No. 85 CW 375

Dear Owen:

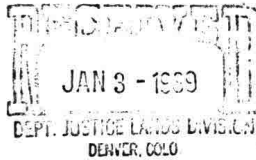
Enclosed please find a copy of FINDINGS AND RULING OF THE REFEREE AND DECREE OF THE WATER COURT in the above-captioned case. Please let us know by January 12, 1989, whether this Ruling is acceptable to your agency. We look forward to hearing from you.

Sincerely,

A handwritten signature in dark ink, appearing to read "John R. Hill, Jr.", is written over the typed name.

John R. Hill, Jr.
Attorney
General Litigation Section

cc: Ralph O. Canaday, Esq.
Regional Solicitor's Office
Department of the Interior
Denver, Colorado



FILED IN DISTRICT COURT

85 DEC 22 AM 1:33

DISTRICT COURT, WATER DIVISION NO. 1, COLORADO

DISTRICT COURT
WELD COUNTY COLO.

CASE NO. 85CW375

FINDINGS AND RULING OF THE REFEREE AND DECREE OF THE WATER COURT

IN THE MATTER OF THE APPLICATION FOR WATER RIGHTS OF

UNITED STATES OF AMERICA, ROCKY MOUNTAIN NATIONAL PARK,
IN LARIMER COUNTY

THIS CHANGE was filed with the Water Clerk, Water Division 1, on December 19, 1985 and originally decreed in Boulder County CA10077 on November 14, 1939 and the Referee being fully advised in the premises, does hereby find:

All notice required by law of the filing of this application have been fulfilled, and the Referee has jurisdiction of this application.

A Statement of Opposition was filed by the Colorado Water Conservation Board. The time for filing additional statements has expired.

All matters contained in the application were reviewed, and testimony was taken where such testimony was necessary and such corrections made as are indicated by the evidence presented.

IT IS HEREBY THE RULING OF THE WATER REFEREE:

1. The name and address of the claimant:

United States of America
Department of Justice
Land and Natural Resources Division
1961 Stout Street
PO Drawer 3607
Denver, CO 80294

2. The name of the structures:

USA Rocky Mountain National Park;
Hallowell Park Ditch No. 2
Mill Creek Minimum Flow

85CW375

Page 2

3. The legal description of the structures:

Hallowell Park Ditch No. 2 - NE1/4SE1/4 Section 6, Township 4 North, Range 73 West, 6th P.M., Larimer County, at a point from whence the center of Section 6 bears North 52°19' West 803.27 feet.

Transferred to Mill Creek Minimum Flow - The natural stream channel from the historic headgate of Hallowell Park Ditch No. 2 as described above as the upstream terminus and extending to the NE1/4 Section 4, Township 4 North, Range 73 West, at a point where Glacier Creek crosses the National Park Boundary as a downstream terminus.

4. The source of water:

Mill Creek

5. The date of appropriation:

June 22, 1912 as decreed in Boulder County CA 10077 dated November 14, 1939.

6. The amount of water:

Hallowell Park Ditch #2 - 0.70 cubic feet per second.

Mill Creek Minimum Flow - limited to historic consumptive use during the months of:

June - 0.123 cubic feet per second limited to 7.42 acre feet
July - 0.106 cubic feet per second limited to 6.37 acre feet
August - 0.073 cubic feet per second limited to 4.41 acre feet
September - 0.051 cubic feet per second limited to 3.10 acre feet.

The remaining amounts of the original 0.70 cubic feet per second shall be ABANDONED.

7. The use of the water:

Hallowell Park Ditch #2 - Irrigation of 19.97 acres of native grass hay during the months of June to September period. Historic consumption use transferred to: Mill Creek Minimum Flow - instream flow purposes of outdoor recreation, wildlife and fish maintenance and propagation in Mill Creek and Glacier Creek.

85CW375
Page 3

8. This transfer from irrigation use to in stream use when limited to the historic consumptive use of irrigation as described in paragraph 6 above to instream flow will not injure water rights of others.

9. This change shall be subject to reconsideration by the water judge on the question of injury to the vested rights of others for a period of five years from the date of this decree pursuant to CRS 37-92-304(6).

Dated: December 29, 1988


RAYMOND S. LIESMAN
Water Referee
Water Division No. 1

THE COURT FINDS: NO PROTEST WAS FILED IN THIS MATTER.

THE FOREGOING RULING IS CONFIRMED AND APPROVED, AND IS HEREBY MADE THE JUDGMENT AND DECREE OF THIS COURT.

Dated: _____

ROBERT A. BEHRMAN
Water Judge
Water Division No. 1
State of Colorado



U.S. Department of Justice

Land and Natural Resources Division

Denver Field Office

Federal Bldg., 1961 Stout Street

Drawer 3607

Denver, Colorado 80294

Commercial Number

(303) 844-3627

FTS/564-3627

January 3, 1989

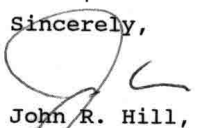
Mr. Owen R. Williams,
Chief, Water Resources Division
National Park Service
Federal Building, 301 S. Howes Street
Fort Collins, Colorado 80521

Re: Water Division No. 1 - Case No. 85 CW 374

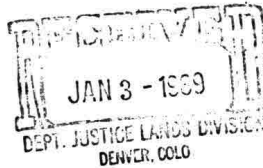
Dear Owen:

Enclosed please find a copy of FINDINGS AND RULING OF THE REFEREE AND DECREE OF THE WATER COURT in the above-captioned case. Please let us know by January 12, 1989, whether this Ruling is acceptable to your agency. We look forward to hearing from you.

Sincerely,


John R. Hill, Jr.
Attorney
General Litigation Section

cc: Ralph O. Canaday, Esq.
Regional Solicitor's Office
Department of the Interior
Denver, Colorado



FILED IN DIST. COURT

18 DEC 28 AM 1:34

DISTRICT COURT, WATER DIVISION NO. 1, COLORADO

1st DIST. WATER COURT
WELD COUNTY COLO.

CASE NO. 85CW374

FINDINGS AND RULING OF THE REFEREE AND DECREE OF THE WATER COURT

IN THE MATTER OF THE APPLICATION FOR WATER RIGHTS OF
UNITED STATES OF AMERICA, ROCKY MOUNTAIN NATIONAL PARK,
IN LARIMER COUNTY

THIS CHANGE was filed with the Water Clerk, Water Division 1, on December 19, 1985 and originally decreed in Boulder County CA 10077 on November 14, 1939. and the Referee being fully advised in the premises, does hereby find:

All notice required by law of the filing of this application have been fulfilled, and the Referee has jurisdiction of this application.

No Statement of Opposition to said application has been filed and the time for filing such statement has expired.

All matters contained in the application were reviewed, and testimony was taken where such testimony was necessary and such corrections made as are indicated by the evidence presented.

IT IS HEREBY THE RULING OF THE WATER REFEREE:

1. The name and address of the claimant:

United States of America
Department of Justice
Land and Natural Resources Division
1961 Stout Street
PO Drawer 3607
Denver, CO 80294

2. The name of the structures:

USA Rocky Mountain National Park;
Hallowell Park Pipeline No. 3
Percival Well

85CW374

Page 2

3. The legal description of the structures:

Hallowell Park Pipeline No. 3
SW1/4NW1/4 Section 5, Township 4 North, Range 73
West, 6th P.M., Larimer County, at a point whence the W1/4
Corner Section 5 bears South 10°03' West 885.86 feet.

To be transferred to:

Percival Well
SW1/4SE1/4 Section 28, Township 5 North, Range 73
West, 6th P.M., Larimer County, at a point 1,160 feet from the
South line and 1,721 feet from the East line of Section 28.

4. The source of water:

Hallowell Park Pipeline No. 3 - Mill Creek
tributary to Glacier Creek tributary to Big Thompson River.

Percival Well - Groundwater tributary to Bear
Brook tributary to Big Thompson River.

5. The date of appropriation:

June 30, 1913 as decreed in Boulder County CA10077
dated November 14, 1939.

6. The amount of water:

0.01 cubic feet per second (4.5 gpm)

7. The use of the water:

Domestic in two seasonable residences for
government purposes.

8. Hallowell Park Pipeline No. 3 is located
approximately 3 miles above the confluence of Beaver Creek and
the Big Thompson River and Percival Well is located
approximately 1-1/2 miles above the confluence of Beaver Creek
and the Big Thompson River. Historically, Hallowell Park
Pipeline No. 3 was used to supply domestic water to a work
camp. This change will not injure water rights of others.

85CW374
Page 3

9. This change shall be subject to reconsideration by the water judge on the question of injury to the vested rights of others for a period of five years from the date of this decree pursuant to CRS 37-92-304(6).

Dated: December 29, 1988


RAYMOND S. LIESMAN
Water Referee
Water Division No. 1

THE COURT FINDS: NO PROTEST WAS FILED IN THIS MATTER.

THE FOREGOING RULING IS CONFIRMED AND APPROVED, AND IS HEREBY MADE THE JUDGMENT AND DECREE OF THIS COURT.

Dated: _____

ROBERT A. BEHRMAN
Water Judge
Water Division No. 1
State of Colorado

DISTRICT COURT, WATER DIVISION NO. 1, COLORADO

Case No. W-8439-76 (W-8789-77 through W-8794-77)

Docket #6

8 Copies delivered to DOS
9/28/84 RRT

AMENDED APPLICATION FOR SURFACE AND UNDERGROUND
WATER RIGHTS

IN THE MATTER OF THE APPLICATION OF THE UNITED STATES OF AMERICA FOR
APPROPRIATIVE WATER RIGHTS IN ROCKY MOUNTAIN NATIONAL PARK IN
LARIMER AND BOULDER COUNTIES.

1. Name and address of Applicant:

United States of America
c/o John E. Lindsold
Attorney, Department of Justice
Land and Natural Resources Division
1961 Stout Street, Drawer 3607
Denver, Colorado 80294

2. The United States of America claims a total of ten water rights including four additional surface and underground water rights (diversions, pipelines and wells) situated on lands acquired for and located in Rocky Mountain National Park in Larimer County.
3. The use of the water claimed in this amended application is domestic water for use in picnic areas, campgrounds, ranger stations, cabins under permit from the National Park Service in the Rocky Mountain National Park.
4. Legal descriptions and data pertaining to each well or diversion (all descriptions refer to 6th P.M.):

Larimer County

Name of Structure: Bighorn Ranger Station Well
Legal description: In the NE 1/4 NE 1/14, Section 17, T. 5 N., R. 73 W.
Source: Bighorn Creek, tributary to Big Thompson River
Depth of Well: 128 feet
Date of appropriation: June, 1982
Date water applied to beneficial use: August, 1982
How appropriation was initiated: Drilling well
Amount claimed: 20 gpm Absolute
Use: Domestic, recreation, fire fighting

Name of Structure: Sprague Lake Picnic Area Well
Legal description: In the SW 1/4 SE 1/4, Section 7, T. 4 N., R. 73 W.,
whence the SW corner of Section 7, T. 4 N., R. 73 W.,
bears S. 74° 30' W, 3100 feet.
Source: Glacier Creek, tributary to Big Thompson River
Depth of Well: 63 feet
Date of appropriation: August, 1982
Date water applied to beneficial use: September, 1982
How appropriation was initiated: Drilling of well
Amount claimed: 13 gpm Absolute
Use: Domestic, recreation, fire fighting

Name of Structure: Black Cabin Well
Legal description: In the NW 1/4 SE 1/4, Section 32, T. 4 N., R. 73 W.
Source: Big Thompson River
Depth of well: Alluvium
Date of initiation of appropriation: October, 1964
Date water applied to beneficial use: October, 1964
How appropriation was initiated: Drilling of well
Amount claimed: 10 gpm Absolute
Use: Domestic, recreation, fire fighting

Name of Structure: Hallowell Park Well
Legal description: In the SE 1/4 NW 1/4 of Section 6, T. 4 N., R. 73 W.,
whence the monumented corner common to lots 6, 7, 10, 8
and 11, of said Section 6 bears N 2° 24' E, 1335.60
feet.
Source: Glacier Creek, tributary to Big Thompson River
Depth of well: 122 feet
Date of appropriation: April, 1965
Date water applied to beneficial use: June, 1965
How appropriation was initiated: Drilling of well
Amount claimed: 50 gpm Absolute
Use: Domestic, recreation, fire fighting

Name of Structure: Aspenglen Campground Well
Legal description: In the SE 1/4 NE 1/4 of Section 17, T. 5 N., R. 73 W.,
at a point whence the N. 1/16 corner of Sections 16 and
17, T5N, R73W, bears N 67° 39' E., 1056.36 feet.
Source: Fall River, tributary to Big Thompson River
Depth of well: 101 feet
Date of appropriation: June, 1965
Date water applied to beneficial use: August, 1965
How appropriation was initiated: Drilling of well
Amount claimed: 55 gpm Absolute
Use: Domestic, recreation, fire fighting

Form E (Rev.)
10-63

STATE OF COLORADO
DIVISION OF WATER RESOURCES
OFFICE OF THE STATE ENGINEER
GROUND WATER SECTION

LOG AND HISTORY OF WELL

PERMIT NO. 23819

Index No.
 IDWD
 Use
 Registered

(For State Engineer's Use)

Driller Harry J. Young Lic. No. 24
 Owner National Park Service - Rocky Mountain
National Park
 Street P. O. Box 1080 City Estes Park, Colo.
 Tenant NA
 Use of Water Domestic purposes - Job Corps Camp
and seasonal housing No.
 On or By Rocky Mountain National Park Acres NA
 (description of site or land)
 Date Started April 15, 19 65
 Date Completed May 4, 19 65
 Yield 50 GPM or .111 CFS

WELL DESCRIPTION:

Depth to Water 26 ft. Total Depth 122 ft.
 (measured from ground surface)
 Hole Diameter { from 0 ft. to 122 ft., 6 in.
 from _____ ft. to _____ ft., _____ in.
 from _____ ft. to _____ ft., _____ in.

TEST DATA:

How Tested Subm Pump or - Bailed
 Date Tested April 30, 19 65 Length 9 hrs.
 Rate 40 GPM Drawn Down 11 ft.

PUMP DATA:

Pump Type Subm Outlet Size Unknown in.
 Driven by Unknown HP Unknown

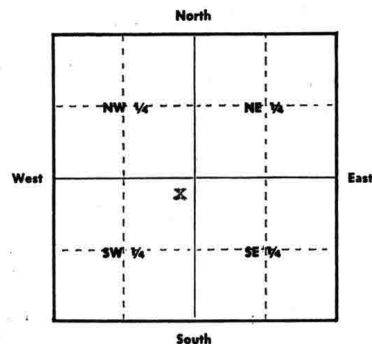
CASING RECORD:

Plain Casing
Steel
 Size 6", Kind 19#/ft from 0 ft. to 74 ft.
Steel
 Size 6", Kind 19#/ft from 99 ft. to 101 ft.
20 ga galv steel
 Size 5", Kind Liner from 1 ft. to 82 ft.
9 ft. screwed joint
Perforated Casing
Steel
 Size 6", Kind 19#/ft from 74 ft. to 99 ft.
1/8" to 1/4" by 2", 9 vertical rows
 Size 20 ga galv steel from _____ ft. to _____ ft.
 Kind _____
 Size 5", Kind Liner from 82 ft. to 119 ft.
9 ft. seven joint, 1/16" by 1" slot, 18 vert. rows.

FOR WELL LOG USE REVERSE SIDE

WELL LOCATION

Larimer County
NE 1/4 of SW 1/4 of Sect.
 Twp. 4N, Rge. 73W, 6 PM



ABOVE DIAGRAM REPRESENTS ONE FULL SECTION. LOCATE WELL ACCURATELY IN SMALL SQUARE REPRESENTING 40 ACRES.

or

If the above is not applicable fill in:

No. _____ Street _____
 City or Town _____

or

Lot _____, Block _____
 Subdivision _____
 (include filing or number)

TO BE MADE OUT IN QUADRUPLICATE:

Original Blue and Duplicate Green Copy must be filed with the State Engineer within 30 days after well is completed. White copy is for the Owner and Yellow copy for the Driller. **SIGN BLUE COPY**

Form D (Rev.)
11/62STATE OF COLORADO
DIVISION OF WATER RESOURCES
OFFICE OF THE STATE ENGINEER
GROUND WATER ADMINISTRATION

PERMIT

NOTE: This permit is issued for the purposes
indicated in the application.Form C Rev.
9-62/10M

STATE OF COLORADO

APPLICATION FOR:

☐ A PERMIT TO USE GROUND WATER
☒ A PERMIT TO CONSTRUCT A WELL

RECEIVED

MAR 5 1965

GROUND WATER SECT.

COLORADO

STATE ENGINEER

Applicant National Park Service
Rocky Mountain National ParkP.O. Address Box 1080, Estes Park, ColoradoQuantity applied for 45 gpm or
AF StorageUsed for Domestic
(Job Corps Camp) Purposeson/at Hallowell Park
Rocky Mountain National Park
(legal description of land site)

Total acreage irrigated and other rts.

ESTIMATED DATA OF WELL

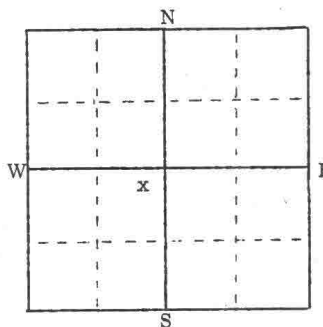
Hole size: 6 in. to 100 ft.
 in. to ft.Casing Plain 6 in. from 0 to 75 ft.Open or Perf. 6 in. from 75 to 100 ft.
 in. from to ft.PUMP OutletDATA: Type Submersible HP Size
Discharge head unknown at presentUse initiation date 19 65

(Use Supplemental pages for additional data)

Driller to furnish Log and History (Form E)
within 30 days after completion of well.LOCATION OF WELL
County LarimerNE $\frac{1}{4}$ of SW $\frac{1}{4}$ of Sect. 6, Twp. T4N,Rge. R73W, 6 P.M. OR

Street Address or Lot & Block No.

Town or Subdivision

Locate
well in
40 acre
(small)
square
as near
as possible.Large square
is one section.\$25.00 fee required for uses other
than Domestic or Livestock.Applicant Rocky Mountain National ParkAgent or Granville B. LilesDriller Superintendent No. Address P. O. Box 1080, Estes Park, Colorado

THIS APPLICATION APPROVED

PERMIT NO. 23319

ISSUED:

DATE MAY 17 1965 19

NOTE - SATISFACTORY COMPLETION REQUIRED FOR APPROVAL OF APPLICATION

THE ABOVE APPLICATION, BEING A PART OF THIS PERMIT, IS APPROVED AS
INDICATED.

SEAL

Ralph Quinn
DER STATE ENGINEER

By

Ho W. Oldham
Authorized Agent

ROCKY MTH. NATL. PARK

MAY 18 11 03 AM '65

Form C Rev.
9-62/10M

STATE OF COLORADO

APPLIC. ON FOR:

☐ A PERMIT TO USE GROUND WATER
☒ A PERMIT TO CONSTRUCT A WELL
MAY 17 1965
STATE ENGINEER
COLORADOApplicant National Park Service
Rocky Mountain National ParkP.O. Address Box 1080, Estes Park, ColoradoQuantity applied for 45 gpm or
AF StorageUsed for Domestic
(Job Corps Camp) Purposeson/at Hallowell Park
Rocky Mountain National Park
(legal description of land site)

Total acreage irrigated and other rts.

ESTIMATED DATA OF WELL

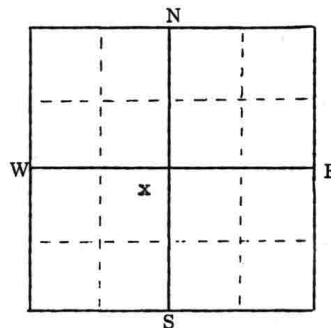
Hole size: 6 in. to 100 ft.
in. to ft.Casing Plain 6 in. from 0 to 75 ft.
in. from to ft.Open or Perf. 6 in. from 75 to 100 ft.
in. from to ft.

PUMP _____ Outlet

DATA: Type Submersible HP _____ Size _____Discharge head unknown at presentUse initiation date 1965
(Use Supplemental pages for additional data)Driller to furnish Log and History (Form E)
within 30 days after completion of well.County LarimerNE $\frac{1}{4}$ of SW $\frac{1}{4}$ of Sect. 6, Twp. T4N,Rge. R73W, 6 P.M. OR

Street Address or Lot & Block No.

Town or Subdivision

Locate
well in
40 acre
(small)
square
as near
as possible.
Large square
is one section.\$25.00 fee required for uses other
than Domestic or Livestock.Applicant Rocky Mountain National ParkAgent or Granville B. MilesDriller Superintendent No. _____Address P. O. Box 1080, Estes Park, Colorado

THIS APPLICATION APPROVED

PERMIT NO. _____

ISSUED: _____

DATE _____ 19 _____

NOTE — SATISFACTORY COMPLETION REQUIRED FOR APPROVAL OF APPLICATION

Form G (Rev.)
6-58/2M

STATE OF COLORADO
DIVISION OF WATER RESOURCES
OFFICE OF THE STATE ENGINEER
Ground Water Section

Bowen Woods Hellenell Park
Main Office Well

PERMIT TO USE GROUND WATER
AND NOTICE OF WELL REGISTRATION Domestic

To: National Park Service
Rocky Mountain National Park of P.O. Box 1086, Estes Park, Colorado.

In accordance with the provisions of Section 2 of the

COLORADO GROUND WATER LAW
As amended by SB -233 - 1961

The well situated SE $\frac{1}{4}$. NE $\frac{1}{4}$, Sec. 6, Twp. 4 N., Rge. 73 W., 6 PM, Larimer County

Has been regularly registered in this office and assigned No. R7-925
and this Permit is issued for the use described in the statement filed.

Signed and Sealed in Denver, Colorado

this 4 day of January, 19 62

DIVISION OF WATER RESOURCES
OFFICE OF THE STATE ENGINEER

J. R. Whittom
State Engineer

By *Geo W. Colburn*
Authorized Agent

KEEP THIS AS A PERMANENT RECORD

KEEP THIS AS A BREAKING RECORD

INGRA baxteri GRAY

observed, reviewed in detail, colored
 and returned to you + and

OFFICE OF THE STATE ENGINEER
DIVISION OF WATER RESOURCES

1. On bringing the staff in contact with the patient's skin the following observations are made:

[illegible]

ult to 5 dollars to 40¢/107¢ in 1999 and 1998. The following are the following in 1999 and 1998.

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REPLY TO THE CHIEF OF POLICE
MONTAGNA, NEW YORK

CLONING AND SELECTION

OFFICE OF THE STATE ENGINEER
DIVISION OF WATER RESOURCES
STATE OF COLORADO

MS-22-8

ROCKY MTN. NATL. PARK

JAN 5

32 PM '62

00101990

IN THE DISTRICT COURT IN AND FOR

WATER DIVISION NO. 5

STATE OF COLORADO

CASE NO. W-

IN THE MATTER OF THE
APPLICATION FOR WATER
RIGHTS OF THE UNITED
STATES OF AMERICA IN
LARIMER COUNTY

)
) APPLICATION FOR UNDERGROUND
) WATER RIGHT (WELL)
)

1. Name of applicant: United States of America

Address of applicant c/o Kenneth J. Burke
Department of Justice
Land and Natural Resources Division
P. O. Box 1656
Denver, Colorado 80201

2. Legal description of location of well: A point within the SE $\frac{1}{4}$ of the NE $\frac{1}{4}$ of Section 6, T. 4 N., R. 73 W. of the 6th P.M., in Rocky Mountain National Park, as indicated on the attached map, and known as Bowen-Woods Cabin Camp Well (Hallowell Park).
3. Depth of well: 75 feet
4. Date of initiation of appropriation: June 1951.
5. Amount of water claimed in cubic feet per second of time: .0177 c.f.s.
6. Proposed use of water: Commercial and domestic purposes.
7. Permit No. RN-925
8. The United States seeks to antedate the adjudication dates of earlier decrees insofar as they, in conjunction with applicable statutes, appear or purport to preclude this court from awarding to the United States its water rights bearing their true priority dates.

Attorney for Applicant

State of Colorado
Larimer County

} ss.

J. L. Dunning, Superintendent, being first duly sworn upon oath,
deposes and says that he has read the foregoing application, knows
the contents thereof and that the same are true.

Subscribed and sworn to before me this _____ day of

_____, 19____.

My commission expires _____.

Notary Public

Name, address and telephone number
of Attorney for Applicant:

James L. Treece
United States Attorney

By: Kenneth J. Burke
Trial Attorney
Department of Justice
P. O. Box 1656
Denver, Colorado 80201

(303) 837-4961

C
O
P
YSTATE OF COLORADO)
COUNTY OF BOULDER) ss.

IN THE DISTRICT COURT

NO. 10077

IN THE MATTER OF THE ADJUDICATION)	
OF PRIORITIES OF RIGHTS TO USE OF)	STATEMENT OF CLAIM OF THE
WATER FOR IRRIGATION AND OTHER)	UNITED STATES OF AMERICA
BENEFICIAL PURPOSES IN WATER)	FOR THE HOLLOWELL PARK PIPE
DISTRICT NO. 4, WATER DIVISION NO.)	LINES NOS. 1 and 2.
1, IN THE STATE OF COLORADO.)	

Now comes the United States of America, by Worth Allen and Wayne C. Williams, Special Assistants to the Attorney General of the United States, and by Joseph E. Taylor, Regional Attorney, National Park Service, and hereby presents this petition and statement of claim herein, and shows unto this honorable court;

FIRST: The name of the claimant is the United States of America.

SECOND: The postoffice address of the claimant is Rocky Mountain National Park, Estes Park, Colorado.

THIRD: The names of the pipe lines for which claim is made are the Hollowell Park Pipe Lines Nos. 1 and 2.

FOURTH: The headgate of said Pipe Line No. 1 is located at springs from which it derives its supply of water, on the right or south bank of, and tributary to, Mill Creek, which is tributary to the Big Thompson river through Glacier creek, at a point whence the west quarter corner of section five (5), township four (4), north, range 73 west, 6th principal meridian, bears south 53° 33' west 2131.87 feet.

The headgate of said Pipe Line No. 2 is on the left or north bank of said Mill creek, from which it derives its supply of water, at a point whence the center of section six (6), township four (4), north range seventy-three (73), west, 6th principal meridian, bears north 31° 53' east 1826.86 feet.

JULY 11 '39 99670

FIFTH: The general course of said pipe line is north-easterly;

The diameter of said pipe line is 1-1/2 inches;

The pump lift is 8 feet;

The length of the main pipe line is 700 feet to a distributing tank.

SIXTH: The carrying capacity of said pipe line is 0.02 cubic feet of water per second of time, for which claim is hereby made for domestic, recreational, and fire protection purposes, for a residence and tourist cabins in an area known as Camp Woods, in lots two (2) and three (3) of section four (4), township four (4), north, range seventy-three (73), west of the 6th principal meridian.

SEVENTH: The work was commenced by claimant's predecessor by construction of Tuxedo Park Pipe Line in the month of May, ^{1922,} ~~1923,~~ and the pipe line has been used continuously since May 31, ^{1922,} ~~1926,~~ by the claimant and its predecessor in interest.

By deed designated as instrument No. 391346, Larimer County records, dated April 22, 1932, and filed for record on April 28, 1932, in the office of the County Clerk and Recorder of Larimer County, State of Colorado, and recorded in book 623, page 548, the Tuxedo Park Pipe Line and all priority of right in connection therewith were conveyed to the claimant as an appurtenance to the land therein described, and claimant ever since has been and is now the owner of said pipe line.

EIGHTH: Claimant on April 28, 1939, filed a map and statement of claim on behalf of said pipe line, which was then accepted by the State Engineer, State of Colorado, and was assigned filing No. 16558.

WHEREFORE, it is prayed that the petitioner, the United States of America, be permitted to file this its petition and statement of claim; and that it be allowed to protect and secure its rights and interests by filing and introducing any and all evidence, and by due examination of any and all witnesses touching any and all claims of others to the appropriation and use of water in and from the Big

Thompson river and its tributaries and sources, the allowance of which may be adverse to the interests of the United States in the premises.

It is further prayed by the petitioner that a decree be made in this proceeding adjudging and decreeing to the petitioner, the United States of America, a priority right as of date 31, 1922, from the month of May 1925, to the use of 0.02 cubic feet of water per second of time for the purposes and in the amounts hereinabove in detail set forth and claimed, and for all other and further proper relief in the premises.

THE UNITED STATES OF AMERICA,

By _____

Special Assistants to the
Attorney General.

Regional Attorney, National
Park Service.

UNITED STATES OF AMERICA,)
STATE OF COLORADO,) SS.
County of Larimer.)

JOHN S. McLAUGHLIN, being first duly sworn on oath, deposes and says that he is Assistant Superintendent of Rocky Mountain National Park, and makes this affidavit on behalf of the United States of America, claimant; that he has read the foregoing statement of claim and is conversant with the facts therein stated, and that the matters therein referred to are true to the best of his knowledge and belief.

Assistant Superintendent, Rocky
Mountain National Park.

Subscribed and sworn to before me this _____ day of
1939.

Notary Public.

My commission expires _____

C O P Y

STATE OF COLORADO)	IN THE DISTRICT COURT
) SS.	
COUNTY OF BOULDER)	NO. 10077.
IN THE MATTER OF THE ADJUDICATION)	
OF PRIORITIES OF RIGHTS TO USE OF)	STATEMENT OF CLAIM OF THE
WATER FOR IRRIGATION AND OTHER)	UNITED STATES OF AMERICA
BENEFICIAL PURPOSES IN WATER DIS-)	FOR THE HOLLOWELL PARK
TRICT NO. 4, WATER DIVISION NO. 1,) DITCH NO. 2.	
IN THE STATE OF COLORADO.)	

Now comes the United States of America, by Worth Allen, and Wayne C. Williams, Special Assistants to the Attorney General of the United States, thereunto duly authorized and directed by the Attorney General, and by Joseph E. Taylor, Regional Attorney, National Park Service, and hereby presents this petition and statement of claim herein, and shows unto this honorable court that:

FIRST: The name of the claimant is the United States of America.

SECOND: The postoffice address of the claimant is the Rocky Mountain National Park, Estes Park, Colorado.

THIRD: The name of the ditch for which claim is made is the Hollowell Park Ditch No. 2.

FOURTH: The headgate of said ditch is located on the right, or south, bank of Mill creek, a tributary of the Big Thompson river through Glacier creek, from which it derives its supply of water, whence the center of section six (6), township four (4) north, range seventy-three (73) west of the 6th principal meridian, bears north 52° 19' west 803.27 feet.

FIFTH: The general course of said ditch is northeasterly, the depth of said ditch at high water line is 1.00 foot; the width of said ditch at high water line is 1.25 feet; the bottom width of said ditch is 1.00 foot; the grade of said ditch is 6.00 feet per 1000 feet; the length of said ditch is 2025 feet.

SIXTH: The carrying capacity of said ditch is 1.41 cubic feet of water per second of time, for one-half (1/2) of which, or 0.70 cubic feet of water per second of time, claim is hereby made

JUN 23 '39 98528

for irrigation of 10.79 acres of land in said section six (6)

as follows:

A portion of lot nine (9) in section six (6) 3.87 acres

A portion of the northwest quarter of the
northeast quarter of the southeast
quarter (NW1/4 NE1/4 SE1/4) of said section six(6) 6.92 acres

Total 10.79 acres.

Said irrigation purposes consist in the production of native hay
with a reasonable duty of water of at least three (3) acre feet per
acre per annum.

SEVENTH: Construction on said ditch was begun in the month of June
1912, and was shortly thereafter completed. Water to the extent
of 1.41 cubic feet of water per second of time was that year, and
has since been, continuously and beneficially carried therein.

The land irrigated under and by said ditch is as follows:

The total amount of land irrigated under and by said ditch
is 19.97 acres and is situated south of Mill creek in the south-
east corner of lot ten (10), and a portion of lot nine (9), and
in a portion of the northeast quarter of the northwest quarter of
the southeast quarter (NE1/4 NW 1/4 SE 1/4), situated north of said
Hollowell Park Ditch No. 2, and in a portion of the northwest
quarter of the northeast quarter of the southeast quarter (NW 1/4 NE 1/4 SE1/4)
north and west of said Hollowell Park Ditch No. 2, all in section
six (6).

The land under said ditch owned and irrigated by claimant is
said portion of lot nine (9) containing 3.87 acres, and that por-
tion situated in the northwest quarter of the northeast quarter of
the southeast quarter (NW1/4 NE1/4 SE1/4), north and west of said Hollowell
Park Ditch No. 2, containing 6.92 acres.

By warranty deed dated December 26, 1931, and filed in the
office of the County Clerk and Recorder of Lerimer County, State
of Colorado, on January 16, 1932 as instrument No. 388547, and re-
corded in book 623, page 257, John Griffith conveyed to claimant
lands including those hereinbefore described as now being owned
and irrigated by claimant by and under said ditch. As an appurte-

nance to the land so conveyed there was also conveyed a minimum of one-half (1/2) interest in and to said water right in connection with said Hollowell Park Ditch No. 2, or a right to 0.70 cubic feet of water per second of time.

Wherefore, it is prayed that the petitioner, the United States of America, be permitted to file this its petition and statement of claim; that it be allowed to protect and secure its rights and interests by filing and introducing any and all evidence, and by due examination of any and all witnesses touching any and all claims of others to the appropriation and use of water in and from the Big Thompson river and its tributaries and sources, the allowance of which may be adverse to the interests of the United States in the premises.

It is further prayed by the petitioner that a decree be made in this proceeding adjudging and decreeing to the petitioner, the United States of America, a priority right as of date of June 30, 1912, to the use of 0.70 cubic feet of water per second ~~spring of~~ of time for the purposes and in the amounts hereinabove in detail set forth and claimed, and for all other and further proper relief in the premises.

THE UNITED STATES OF AMERICA

By _____

Special Assistants to the
Attorney General.

Regional Attorney, National
Park Service.

UNITED STATES OF AMERICA,)
State of Colorado,) SS.
County of Larimer.)

JOHN S. McLAUGHLIN, being first duly sworn on oath, deposes and says that he is Assistant Superintendent of Rocky Mountain National Park, and makes this affidavit on behalf of the United States of America, claimant; that he has read the foregoing statement of claim and is conversant with the facts therein stated, and that the matters therein referred to are true to the best of his knowledge and belief.

Assistant Superintendent,
Rocky Mountain National Park.

Subscribed and sworn to before me this _____ day of
1939.

Notary Public.

My commission expires _____

HOLLOWELL PARK PIPE LINES NOS. 1 and 2.

(Domestic Priorities Nos. 19, 25 and 26;
Ditch--Pipe Line-- Nos. 25 and 20.)

1. The claimant of Hollowell Park Pipe Lines Nos. 1 and 2, is United State of America, Rocky Mountain National Park, Estes Park, Colorado.

2. The source from which water has been diverted for pipe line No. 1 is springs on the right or south bank of, and tributary to, Mill creek, which is tributary to the Big Thompson river through Glacier creek. The source from which water has been diverted for pipe line No. 2 is said Mill creek.

3. The headgate of said pipe line No. 1 is located at a point whence the west quarter corner of section five (5), township four (4) north, range seventy-three (73) west, 6th principal meridian, bears south $55^{\circ}55'$ west 2131.87 feet.

The headgate of said pipe line No. 2 is located at a point on the left or north bank of ~~said~~ Mill creek whence the center of section six (6), township four (4) north, range seventy-three (73) west, 6th principal meridian, bears north $31^{\circ}53'$ east 1826.86 feet. The general course of said pipe line No. 1 is northeasterly and the general course of said pipe line No. 2 is northerly.

4. The descriptions of said pipe lines are as follows:

	<u>Pipe Line No. 1</u>	<u>Pipe Line No. 2</u>
The controlling diameters are	1 $\frac{1}{2}$ inches	2 inches
The grades per 1000 feet are	56 feet	16 feet
The lengths are	1248 feet	3048 feet

The capacities of said pipe lines are for Pipe Line No.

1, .046 cubic feet of water per second of time, and for

Pipe Line No. 2, 0.040 cubic feet of water per second of time.

5. The uses made of said pipe lines are for domestic, recreational and fire protection purposes; of pipe Line No. 1, in lot five (5), in the northwest quarter (NW $\frac{1}{4}$) of said section five (5), and of Pipe Line No. 2, in lot eleven (11), in the Northwest quarter (NW $\frac{1}{4}$) of said section six (6).

6. Work was commenced by construction, and the history of said pipe lines is as follows:

In September, 1913, John Griffith constructed a then unnamed ditch recently designated for convenience as Hollowell Park Ditch No. 3. The headgate of said ditch is located on the south or right bank of said Mill Creek at a point whence the west quarter corner of section five (5), bears south 10°03' west 885.86 feet. The general course of said ditch was easterly. Its length was 1175 feet; its width at high water line was 1.25 feet; its bottom width was 1 foot; its depth was 1 foot and its grade was 1 foot per thousand feet. Its carrying capacity was 0.44 feet of water per second of time. From the time of its construction until the summer of 1916 there was carried in Hollowell Park Ditch No. 3, 0.44 second feet of water for domestic, recreational and fire protection purposes and for irrigation of one acre of land, the said land being situated, and the said use having been made, in the northwest quarter (NW $\frac{1}{4}$) of lot eight (8) of said section five (5).

In June, 1916, claimant's predecessor, John Griffith, constructed the then unnamed pipe line recently designated for convenience as Pipe Line No. 3, from the same point of diversion as Ditch No. 3, and along the same course. The diameter of said pipe line was two (2) inches; The carrying capacity thereof was 0.010 cubic feet of water per second of time. Said pipe line was continuously used to carry said amount of water from the year 1916 to the year 1934.

In June, 1917, said Griffith built pipe line No. 1 with the capacity of .046 second feet. The use made of this pipe line continued from the year 1917 until the year 1934 as to .046 second feet of water and thereafter with the use of .016 second feet, .030 second feet then being transferred to the pipe Line No. 2.

In the year 1932 Pipe Line No. 3 and ^{all} priority rights in connection therewith, and Pipe Line No. 1, and all priority rights in connection therewith were conveyed to the United States of America.

On April 15, 1934, the National Park Service of claimant began and completed on May 15 of said year, construction of Pipe Line No. 2 for domestic, fire protection and recreational purposes, having a capacity of .04 second feet of water, of which .03 second feet was transferred from Pipe Line No. 1, and of which .01 second feet was transferred from Pipe Line No. 3, the latter then being abandoned.

Since May 15, 1934, claimant has been carrying in Pipe Lines Nos. 1 and 2 water as follows:

By Hollowell Park Pipe Line No. 1,	0.016 sec. ft.
By Hollowell Park Pipe Line No. 2,	0.030 sec. ft.
by transfer from Pipe Line No. 1.	
By transfer from Pipe and Ditch No. 3	<u>0.010 sec. ft.</u>
Total	0.056 sec. ft.

7. Map and statement of claim on the ~~the~~ pipe lines was filed in the office of the State Engineer by claimant on February 24, 1933, and was assigned No. 16526.

8. As a matter of law, the claimant is entitled to a decree to the effect that there be permitted to flow out of the springs described into Pipe Line No. 1, .016 cubic feet of water per second of time, for domestic, recreational and fire protection purposes, with Domestic Priority No. 25, as of

June 30, 1917; and to a decree to the effect that there be permitted to flow out of Mill creek into Pipe Line No. 2, .010 cubic feet of water per second of time, with Domestic Priority No. 19, as of June 30, 1918; and .030 cubic feet of water per second of time, with Domestic Priority No. 26, as of June 30, 1917 (with equal priority to Priority No. 25), for domestic, recreational and fire protection purposes.

WHEREFORE, IT IS ORDERED, ADJUDGED AND DECREED by the Court that, for domestic, recreational and fire protection purposes, and under and by virtue of appropriation by original construction, and for the benefit of the party or parties entitled to the enjoyment thereof, there be permitted to flow out of said springs into Pipe Line No. 1, .016 cubic feet of water per second of time, with DOMESTIC PRIORITY NO. 25, as of date June 30, 1917; and that there be permitted to flow out of Mill Creek into said Pipe Line No. 2, .010 cubic feet of water, with DOMESTIC PRIORITY NO. 19, as of date June 30, 1918; and .030 cubic feet of water per second of time, with DOMESTIC PRIORITY NO. 26, as of date June 30, 1917, all subject to the general and paramount provisions of this decree.

COPIES OF PAGE NOS. 112 THRU 114 AND 153 THRU 156 ALL INCLUSIVE
FROM CIVIL ACTION NO. 10077, DATED NOVEMBER 14, 1939, BY THE
DISTRICT COURT, COUNTY OF BOULDER, COLORADO

HOLLOWELL PARK DITCH NO. 2.

(Irrigation Ditch Priority No. 99; Ditch No. 65)

1. The claimant of Hollowell Park Ditch No. 2 is United States of America, Rocky Mountain National Park, Estes Park, Colorado.
2. The natural stream from which water has been diverted is Mill creek, a tributary of the Big Thompson river through Glacier creek.
3. The headgate of said ditch is located on the right or south bank of Mill creek, at a point whence the center section of/six (6), township four (4) north, range seventy-three (73) west of the 6th principal meridian, bears north 52°19' west 803.27 feet.
4. The general course of said ditch is northeasterly.
5. The description of said ditch is as follows:
The depth at high water line is 1.00 feet; the width at high water line is 1.25 feet; the bottom width of said ditch is 1.00 feet; the grade is 6.00 feet per 1000 feet; the length is 2025 feet; the carrying capacity of said ditch is 1.41 cubic feet per second of time; for only half of which, or .70 cubic feet of water per second of time claim is made by the claimant herein for the irrigation of its land. The other half, or .71 cubic feet of water per second of time carried in said ditch is said to be owned by a third person or persons who acquired a part of the land originally owned by claimant's predecessor and which was not conveyed to claimant.
6. The water diverted by said ditch is used for the irrigation of 19.97 acres of land situated south of Mill creek in the southeast corner of lot 10 and a portion of lot 9 and a portion of the northeast quarter of the northwest quarter of the

southeast quarter (NE $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$), situated north of said Hollowell Park Ditch No. 2, and a portion of the northwest quarter of the northeast quarter of the southeast quarter (NW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$) north and west of said ditch, all in said section six (6). That part of the land under said ditch owned and irrigated by claimant is the said portion of lot nine (9) containing 3.87 acres, and that portion of the land situated in the northwest quarter of the northeast quarter of the southeast quarter (NW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$) north and west of said Hollowell Park Ditch No. 2, containing 6.92 acres.

The land of the claimant irrigated by water from said ditch was acquired as an appurtenance to the land conveyed to the claimant by John Giffith on December 26, 1931.

7. Work was begun by construction and was completed in the spring of 1912, and 1.41 cubic feet of water per second of time has been continuously and beneficially carried in said ditch ever since.

8. Map and statement of claim on this ditch was filed in the office of the State Engineer by claimant on February 24, 1939, and was assigned No. 16,526.

9. As a matter of law, claimant is entitled to a decree to the effect that there be permitted to flow out of Mill creek into said ditch .70 cubic feet of water per second of time for use by claimant for irrigation purposes, with Irrigation Ditch Priority No. 99, as of date June 22, 1912.

WHEREFORE, IT IS ORDERED, ADJUDGED AND DECREED by the Court, that for irrigation purposes, and under and by virtue of appropriation by original construction and for the benefit of the party or parties entitled to the enjoyment thereof, there be permitted to flow out of Mill creek into said ditch .70 cubic

feet of water per second of time for irrigation use on said
land owned by claimant, with IRRIGATION DITCH PRIORITY NO. 99,
as of date June 22, 1912, subject to the general and paramount
provisions of this decree.

HOLLOWELL PARK PIPE LINES NOS. 1 and 2.

(Domestic Priorities Nos. 19, 25 and 26;
Ditch--Pipe Line--Nos. 25 and 20.)

1. The claimant of Hollowell Park Pipe Lines Nos. 1 and 2, is United States of America, Rocky Mountain National Park, Estes Park, Colorado.

2. The source from which water has been diverted for pipe line No. 1 is springs on the right or south bank of, and tributary to, Mill creek, which is tributary to the Big Thompson river through Glacier creek. The source from which water has been diverted for pipe line No. 2 is said Mill creek.

3. The headgate of said pipe line No. 1 is located at a point whence the west quarter corner of section five (5), township four (4) north, range seventy-three (73) west, 6th principal meridian, bears south 53°33' west 2131.87 feet.

The headgate of said pipe line No. 2 is located at a point on the left or north bank of said Mill creek whence the center of section six (6), township four (4) north, range seventy-three (73) west, 6th principal meridian, bears north 31°53' east 1826.86 feet. The general course of said pipe line No. 1 is northeasterly and the general course of said pipe line No. 2 is northerly.

4. The descriptions of said pipe lines are as follows:

	<u>Pipe Line No. 1</u>	<u>Pipe Line No. 2</u>
The controlling diameters are	1½ inches	2 inches
The grades per 1000 feet are	56 feet	16 feet
The lengths are	1248 feet	3048 feet

The capacities of said pipe lines are for Pipe Line No. 1, .046 cubic feet of water per second of time, and for Pipe Line No. 2, 0.042 cubic feet of water per second of time.

5. The uses made of said pipe lines are for domestic, recreational and fire protection purposes; of Pipe Line No. 1, in lot five (5), in the northwest quarter (NW $\frac{1}{4}$) of said section five (5), and of Pipe Line No. 2, in lot eleven (11), in the northwest quarter (NW $\frac{1}{4}$) of said section six (6).

6. Work was commenced by construction, and the history of said pipe lines is as follows:

In September, 1913, John Griffith constructed a then unnamed ditch recently designated for convenience as Hollowell Park Ditch No. 3. The headgate of said ditch is located on the south or right bank of said Mill Creek at a point whence the west quarter corner of section five (5), bears south 10°03' west 885.86 feet. The general course of said ditch was easterly. Its length was 1175 feet; its width at high water line was 1.25 feet; its bottom width was 1 foot; its depth was 1 foot and its grade was 1 foot per thousand feet. Its carrying capacity was 0.44 cubic feet of water per second of time. From the time of its construction until the summer of 1916 there was carried in Hollowell Park Ditch No. 3, 0.44 second feet of water for domestic, recreational and fire protection purposes and for irrigation of one acre of land, the said land being situate, and the said uses having been made, in the northwest quarter (NW $\frac{1}{4}$) of Lot eight (8) of said section five (5).

In June, 1916, claimant's predecessor, John Griffith, constructed the then unnamed pipe line recently designated for convenience as Pipe Line No. 3, from the same point of diversion as Ditch No. 3, and along the same course. The diameter of said pipe line was two (2) inches; the carrying capacity thereof was 0.010 cubic feet of water per second of time. Said pipe line was continuously used to carry said amount of water from the year 1916 to the year 1934.

In June, 1917, said Griffith built pipe line No. 1 with the capacity of .046 second feet. The use made of this pipe line continued from the year 1917 until the year 1934 as to .046 second feet of water and thereafter with the use of .015 second feet, .030 second feet then being transferred to Pipe Line No. 2.

In the year 1932 Pipe Line No. 3 and all priority rights in connection therewith, and Pipe Line No. 1, and all priority rights in connection therewith were conveyed to the United States of America.

On April 15, 1934, the National Park Service of claimant began and completed on May 15, of said year, construction of Pipe Line No. 2 for domestic, fire protection and recreational purposes, having a capacity of .04 second feet of water, of which .03 second feet was transferred from Pipe Line No. 1, and of which .01 second feet was transferred from Pipe Line No. 3, the latter then being abandoned.

Since May 15, 1934, claimant has been carrying in pipe lines Nos. 1 and 2 water as follows:

By Hollowell Park Pipe Line No. 1,	0.010 sec. ft.
By Hollowell Park Pipe Line No. 2,	0.030 sec. ft.
by transfer from Pipe Line No. 1,	
By transfer from Pipe and Ditch No. 3	<u>0.010</u> sec. ft.
Total	0.050 sec. ft.

7. Map and statement of claim on these pipe lines was filed in the office of the State Engineer by claimant on February 24, 1939, and was assigned No. 16536.

8. As a matter of law, the claimant is entitled to a decree to the effect that there be permitted to flow out of the springs described into Pipe Line No. 1, .015 cubic feet of water per second of time, for domestic, recreational and fire protection purposes, with Domestic Priority No. 25, as of

June 30, 1917; and to a decree to the effect that there be permitted to flow out of Mill creek into Pipe Line No. 2, .010 cubic feet of water per second of time, with Domestic Priority No. 19, as of June 30, 1913; and .030 cubic feet of water per second of time, with Domestic Priority No. 26, as of June 30, 1917 (with equal priority to Priority No. 25), for domestic, recreational and fire protection purposes.

WHEREFORE, IT IS ORDERED, ADJUDGED AND DECREED by the Court that, for domestic, recreational and fire protection purposes, and under and by virtue of appropriation by original construction, and for the benefit of the party or parties entitled to the enjoyment thereof, there be permitted to flow out of said springs into Pipe Line No. 1, .010 cubic feet of water per second of time, with DOMESTIC PRIORITY NO. 25, as of date June 30, 1917; and that there be permitted to flow out of Mill Creek into said Pipe Line No. 2, .010 cubic feet of water, with DOMESTIC PRIORITY NO. 19, as of date June 30, 1913; and .030 cubic feet of water per second of time, with DOMESTIC PRIORITY NO. 26, as of date June 30, 1917, all subject to the general and paramount provisions of this decree.

HOLLOWELL PARK DITCH NO. 2.

(Irrigation Ditch Priority No. 99; Ditch No. 65)

1. The claimant of Hollowell Park Ditch Co. 2 is United States of America, Rocky Mountain National Park, Estes Park, Colorado.

2. The natural stream from which water has been diverted is Mill creek, a tributary of the Big Thompson river through glacier creek.

3. The headgate of said ditch is located on the right or south bank of Mill creek, at a point whence the center of section six (6), township four (4) north, range seventy-three (73) west of the 6th principal meridian, bears north $52^{\circ}19'$ west 303.27 feet.

4. The general course of said ditch is northeasterly.

5. The description of said ditch is as follows:

The depth at high water line is 1.00 feet; the width at high water line is 1.25 feet; the bottom width of said ditch is 1.00 feet; the grade is 6.00 feet per 1000 feet; the length is 2025 feet; the carrying capacity of said ditch is 1.41 cubic feet per second of time; for only half of which, or .70 cubic feet of water per second of time claim is made by the claimant herein for the irrigation of its land. The other half, or .71 cubic feet of water per second of time carried in said ditch is said to be owned by a third person or persons who acquired a part of the land originally owned by claimant's predecessor and which was not conveyed to claimant.

6. The water diverted by said ditch is used for the irrigation of 13.87 acres of land situated south of Mill creek in the southeast corner of lot 10 and a portion of lot 9 and a portion of the northeast quarter of the northwestquarter of the

southeast quarter (NE $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$), situated north of said Hallowell Park Ditch No. 2, and a portion of the northwest quarter of the Northeast Quarter of the southeast quarter (NW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$) north and west of said ditch, all in said section six (6). That part of the land under said ditch owned and irrigated by claimant is the said portion of lot nine (9) containing 3.87 acres, and that portion of the land situated in the northwest quarter of the northeast quarter of the southeast quarter (NW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$) north and west of said Hallowell Park Ditch No. 2, containing 6.92 acres.

The land of the claimant irrigated by water from said ditch was acquired as an appurtenance to the land conveyed to the claimant by John Griffith on December 26, 1951.

7. Work was begun by construction and was completed in the spring of 1912, and 1.41 cubic feet of water per second of time has been continuously and beneficially carried in said ditch ever since.

8. Map and statement of claim on this ditch was filed in the office of the State Engineer by claimant on February 24, 1953, and was assigned No. 10,526. ^{b Typo}

9. As a matter of law, claimant is entitled to a decree to the effect that there be permitted to flow out of Mill creek into said ditch .70 cubic feet of water per second of time for use by claimant for irrigation purposes, with Irrigation Ditch Priority No. 99, as of date June 22, 1912.

WHEREFORE, IT IS ORDERED, ADJUDGED AND DECREED by the Court, that for irrigation purposes, and under and by virtue of appropriation by original construction and for the benefit, of the party or parties entitled to the enjoyment thereof, there be permitted to flow out of Mill creek into said ditch .70 cubic

feet of water per second of time for irrigation use on said
land owned by claimant, with IRRIGATION DITCH PRIORITY NO.
99, as of date June 22, 1912, subject to the general and para-
mount provisions of this decree.

-114-

Mud

*Each Property - Legal
location important
for Hallawell Park Well*

To: SuperintendentRocky Mountain National ParkDate May 16, 1956APPRAISAL REPORTTracts No. **173**Owner's name and address: **Arnold F. Each and Minna E. L. Each**Lands located in **Rocky Mountain National Park, Larimer County, Colorado**

Legal description: Township 5 North, Range 73 West of 6th P.M., Sections 28, Beginning at iron pipe set at point whence NE Corner of SE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Section 28 bears N. 86° 47' E. 1474.9 feet; thence South 337 feet to iron pipe set on North side of High Drive road right-of-way, thence S. 81° 44' W. along said road right-of-way 75.75 feet (Station 3), thence North 179.3 feet, thence N. 75° 45' W. 182.9 feet, thence North 109.12 feet, thence N. 86° 47' E. 252.68 feet to point of beginning. Together with right-of-way for private access road, 15 feet in width, the center line described as follows: Beginning at point 28.06 feet North of aforesaid Station 3; thence N. 73° 54' W. 65.86 feet, thence N. 66° 47' W. 79.65 feet, thence N. 43° 29' W. 43.55 feet, thence N. 11° 04' W. 23.3 feet, thence N. 23° 41' E. 88.8 feet to property line.

Area: Total ownership **1.12** acres; Area to be taken **111** acres.Deed or Patent dated, **September 18, 1950**; Filed in Book 901 at Page 356.Title or Interest to be acquired: **Fee simple**

Character, topography, and adaptability:

The subject tract is a slightly South sloping residential building site or sites with scattered pine trees and with 75 feet of frontage on the High Drive road. Stone walls have been laid to fit into natural projecting rock outcroppings to produce a pleasing landscaping effect. The scenic view of Longs Peak and the Front Range from this tract is unexcelled. The location is approximately 4.0 miles West of the Town of Estes Park.

End

CLASSIFICATION OF LAND VALUES

<u>Acres</u>	<u>Classification</u>	<u>Unit Value</u>	<u>Total Value</u>
1.12	Residence Building Sites		\$ 2,000.00

<u>Kind</u>	<u>Size</u>	<u>Construction</u>	<u>Roof</u>	<u>Foundation</u>	<u>Condition</u>	<u>Present Value</u>
						See Supplement No. 2
						\$28,160.00

Total appraised value of Land Improvements:

\$ ~~28,160.00~~

Assessed Value: Land \$ _____, Improvements \$ _____

Severance Damage: Entire tract being acquired.

Hurd
Supplement No. 1

DESCRIPTION OF STRUCTURE

Tract No. 173 Arnold Ench Property

Main House

Concrete foundation. 2" x 4" frame construction. Pine subfloor with full one-inch Maple finished flooring. Graylite sheathing on outside walls covered with tongue and grooved 1" x 10" clear Red Wood vertical boards, with the joints covered with 1" x 2" clear Red Wood battens. Gable roof except portion over the Master bedroom which is shed roof. 2" x 6" No. 1 Fir rafters and ceiling joists. Roof with Western Pine sheathing covered with No. 1 Cedar shingles. Outside walls and ceilings insulated with double thick Balsam Wool. All inside walls and ceilings throughout the entire house covered with 1" x 10" tongue and grooved clear Pine, vertical on walls. Pine louvre shutters inside on all windows. Two louvre doors between dining room and kitchen. All exterior doors and windows equipped with outside solid shutters.

Garage

Concrete foundation and floor. Overhead door. 2" x 4" frame with side walls sheathed diagonally and covered with 1" x 10" tongue and grooved clear Red Wood applied vertically with 1" x 2" clear Red Wood battens over joints. Gable roof covered with Pine sheathing and shingled with No. 1 Cedar shingles. 2" x 6" rafters and joists of No. 1 Fir. Shutters on outside windows.

Servants Quarters

Concrete foundation. Subfloor covered with full one-inch Maple finished flooring. Gable roof tight sheathing covered with No. 1 Cedar shingles. Exterior walls of Graylite sheathing covered with vertical tongue and grooved clear Red Wood boards with joints covered with clear Red Wood battens. Exterior walls insulated with double thick Wool. All inside walls and ceilings covered with 1" x 10" tongue clear pine. Pine louvre shutters inside on all windows and solid the outside of all doors and windows.

Pump House

Concrete foundation with frame building on top. Gable roof sheathed and covered with No. 1 Cedar shingles. Outside walls of vertical 1" x 10" tongue and grooved clear Red Wood boards with joints covered with 1" x 2" battens.

Kind of Building	Size, Sq.Ft. of Floor Space	Construction	Improvements Roof	Foundation	Condition	Replacement Cost	Depreciated Net Value
Residence	1228 sq.ft. Porch 60- sq. ft.	Frame	Cedar Shingles	Concrete	Good	\$17,192.00	\$16,337.00
Servants' Qtrs.	421 sq.ft. Porch 110- sq. ft.	Frame	Cedar Shingles	Concrete	Good	5,493.00	5,493.00
Garage	343 sq.ft.	Frame	Cedar Shingles	Concrete	Good	2,401.00	2,401.00
Pump House	56 sq.ft.	Frame	Cedar Shingles	Concrete	Good	392.00	392.00
Water Well	156 ft. Deep	Drilled Well					1,232.00
Pump, Motor and 3/4" Water lines							500.00
200 ft. 3/4" Galvanized Water Pipe & Labor installing from Mondius-Seaver Pipe Line							82.00
160 Lineal feet Pole Fence							400.00
Loose stone wall	150 sq.ft.						150.00
Concrete walls, stone steps, and retaining wall, sloping rock wall, landscaping							1,173.00
							~~\$28,160.00~~

Hurd-Supplement No. 2

Hurd.

ENCUMBRANCES AND RESERVATIONS

Coal or mineral rights, rights-of-way in favor of the public or third parties, limitations on use, etc.

Subject to an access road, 15 feet in width, across the South end of this tract for access to the Walter Eick property.

SUPPORTING DATA

Recent sales in this area have been investigated and have been used as a basis for arriving at the values assigned. Similarity of location, access to highway, and location in relation to centers of activity were considered.

CERTIFICATION AND OPINION

We, the undersigned, do hereby certify that we have made a thorough and careful inspection of the property described in this report and that we have considered recent sales and or leases involving the said described property or similar properties located adjacent thereto and the prices and or rentals paid therefor where, in our opinion, they were indicative of value. We further certify that we have no personal interest, present or prospective, in the property being appraised and that our appraisal represents the fair market value of the property according to the accepted standards of appraisal practice. We have appraised the land on the assumption that the area stipulated is correct. On the basis of the inspection and knowledge as aforesaid, it is our opinion that the present fair cash market value of the property described in this report is Thirty Thousand One Hundred Sixty & no/100-- Dollars (\$30,160.00)

APPRAISERS:

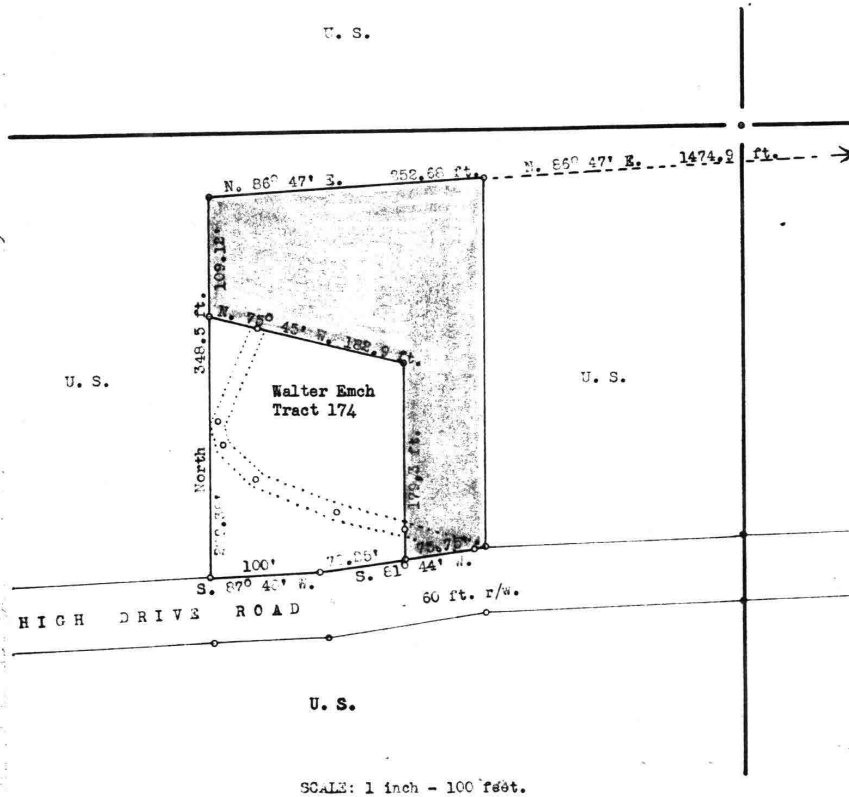
S. M. Hurd
S. M. Hurd

ROCKY MOUNTAIN NATIONAL PARK

Southwest Quarter of the Southeast Quarter of Section 28,
Township 5 North, Range 73 West of 6th P. M.

Tract No. 173

OWNER: Arnold F. Emch
and
Minna E. L. Emch



Form NPS-L-1

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICEState Colorado

LAND OWNERSHIP RECORD

Tract No. _____

County LarimerDeed No. 56

Civil Subdivision _____

Area _____ acres _____

Rocky Mountain Nat. Park

Name of Park or Area

Right

~~Based on~~ based on recording filingDate Feb. 24, 1939Hollowell Park

Section of Park or Area

Legal Description: Filed Claim 16526 - Hollowell Park Pipe Lines 1 & 2 and
Hollowell Park Ditch No. 2Method of Acquisition: Purchase & filingAppropriation or Source of funds: Federal

Cost (if purchased) or estimated value: _____

Acquired from: John N. Griffith & State of Colorado

Accepted by Secretary (____)

Opinion of Att'y. Gen.-title in U. S. (____)

date: _____

Physical Characteristics: A claimed right to divert 0.046 sec. ft. from spring by Hollowell
Park Pipe Line No. 1 for domestic and fire protection purposes;To divert 0.040 sec. ft. of water from Mill Creek by Hollowell
Park Pipe Line No. 2 for domestic, recreational and fire protection purposes; and
To divert 1.41 sec. ft. from Mill Creek by Hollowell Ditch No. 2
for irrigation purposes.Improvements on Land at time of Acquisition: See Deed 14

Existing or outstanding special use permits, reservations, rights, or rights of way: _____

Report Based on: Records of Water Rights SectionPrepared by: A. van V. Dunn, Hydraulic Engineerdate: 11/23/43Map References: NP-RM-6977 ✓Remarks: See Deed 63 for subsequent adjudication and decree.

357419

QUIT CLAIM DEED

John W. Griffith

TO

The United States of America

STATE OF COLORADO
COUNTY OF LARIMER

SS.

I hereby certify that this instrument was
filed for record in my office, at 8²⁴
o'clock *A* M., AUG 24 1928, 19
and is duly recorded in book 598

page 170
Nellie F. Ramey
Recorder.

Deputy.

Fees, \$ 1.00

Edmund A. Rogers, Supt.
* 8-24-28 10:24 -29
W. H. Kistler & Co.

The W. H. Kistler & Co., Denver

File in Docket
6ROCKY MOUNTAIN
DEED 14A

John W. Griffith, who is personally known to me to be the person whose
name is subscribed to, in person appeared before me this day in person, and acknowledged
that he signed, sealed, and delivered the said instrument of writing as his
free and voluntary act and deed, for the uses and purposes therein set forth.
Given under my hand and official seal this 22nd day of August, A.D. 1928.
My commission expires August 24th 1931.

Helen E. Dix
Notary Public

1. Charles D. Griffith, in and for said
(unity, to the State of Colorado, to hereby certify that

STATE OF COLORADO
COUNTY OF LARIMER

SS.

1. Romo Deed 14A

Know all men by these Presents: That I, John E. Griffith

of the County of Larimer, and State of Colorado,
for the consideration of one dollar and other valuable consideration
in hand paid, hereby sell and quit claim to the United States of America

of the County of Larimer, and the State of Colorado,
the following real property, situate in the County of Larimer

and State of Colorado, to-wit: Right of way 60 feet in width, being 30 feet each side of a center line as follows: Beginning at a point S. 71° 34' W. 75 feet from a point S. 62° 55' W. 3053.6 feet from the N.E. corner of Sec. 5, T. 4 N., R. 73 W.; thence S. 71° 34' W. 39.6 feet; thence on a curve to left of radius 500 feet 82.9 feet; thence S. 62° 41' W. 251.5 feet; thence on a curve to the right of radius 1000 feet 99.5 feet; thence S. 67° 46' W. 201.7 feet; thence on a curve to the left of radius 300 feet 110 feet; thence S. 46° 46' W. 139.3 feet; thence on a curve to the right of radius 500 feet; 145.8 feet; thence S. 63° 28' W. 126.9 feet; thence on a curve to the left of radius 500 feet 123.1 feet; thence S. 49° 22' W. 72.9 feet; thence on a curve to the right of radius 500 feet 127.4 feet; thence S. 63° 55' W. 110.6 feet; thence on a curve to the right of radius 1000 feet 141.4 feet; thence S. 72° 41' W. 91.5 feet; thence on a curve to the right of radius 1000 feet 251.3 feet; thence S. 86° 26' W. 86.3 feet; thence on a curve to the right of radius 500 feet 103 feet; thence S. 81° 44' W. 180.6 feet; thence on a curve to the left of radius 300 feet 202.1 feet; thence S. 59° 50' W. 325 feet more or less to the section line between sections 5 and 6, T. 4 N., R. 73 W.; thence S. 59° 40' W. 49.8 feet; thence on a curve to the left of radius 200 feet 448.4 feet, more or less, to the section line between Sec. 6, T. 4 N., R. 73 W., and Sec. 5, T. 4 N., R. 73 W.; thence to the left along the last mentioned curve 180 feet; thence S. 59° 40' E. 64 feet; thence on a curve to the right of radius 400 feet 173.8 feet; thence S. 84° 34' E. 461.8 feet; thence on a curve to the right of radius 300 feet 125.7 feet; thence S. 71° 26' E. 48 feet; thence on a curve to the left of radius 200 feet 135.4 feet; thence S. 69° 46' E. 195.6 feet; thence on a curve to the right of radius 300 feet 119.9 feet; thence S. 87° 20' E. 200.3 feet; thence on a curve to the right of radius 150 feet 205.5 feet; thence S. 8° 50' E. 25.9 feet; thence on a curve to the right of radius 500 feet 327.2 feet; thence S. 2° 40' W. 217.6 feet; thence on a curve to the left of radius 200 feet 131.6 feet; thence S. 9° 2' E. 23 feet, more or less, to the south line of the property of the grantor, containing 8.47 acres, more or less.

Also: Right of way 60 feet in width, being 30 feet each side of a center line described as follows: Beginning at a point S. 68° 20' E. 1451 feet from the quarter corner between Sec. 5, T. 4 N., R. 73 W., and Sec. 6, T. 4 N., R. 73 W.; thence S. 59° 46' W. 93 feet, more or less; thence on a curve to the left of radius 200 feet 137.5 feet; thence S. 20° 22' W. 149.5 feet; thence on a curve to the left of radius 200 feet 212.3 feet; thence S. 40° 28' E. 118.9 feet; thence on a curve to the right of radius 200 feet 132.6 feet; thence S. 2° 28' E. 81 feet, more or less, to the south line of the grantor, said line being the north line of the tract owned by Mrs. W. E. Higgins; containing 1.3 acres, more or less, with all its appurtenances.

SUBJECT to the express condition, however, that a highway shall be maintained on the right of way hereby conveyed, and in the event that said highway shall be abandoned for a period of one year, the said land shall revert to the grantor, his heirs and assigns forever.

Signed and delivered this 24 day of August

A. D. 1974.

In the presence of

Mrs John Griffith

John E. Griffith

File in Docket

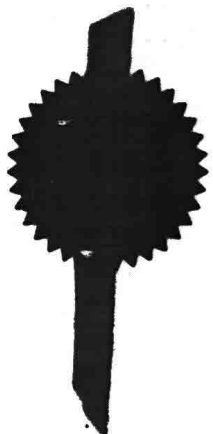
6

CERTIFICATE OF ACCEPTANCE

By virtue of and pursuant to the authority conferred by the Act of Congress approved June 5, 1900 (31 Stat. 917), I, the undersigned, as Assistant Secretary of the Interior, do hereby accept the attached deed, dated August 17, 1929, wherein and whereby John H. Griffith conveys to the United States of America a right of way as described therein over certain land in private ownership located within the Rocky Mountain National Park, Colorado.

In witness whereof, I, as said Assistant Secretary, hereunto set my hand officially, and have caused the seal of said Department to be affixed hereto and in attestation hereof this *11th* day of October, 1929.

John H. Hammond
Assistant Secretary of the Interior
Rec'd *WHD*



File in Docket
6

14047

388547

WARRANTY DEED

John N. Griffith and
Virginia Griffith
TO
United States of America.

STATE OF COLORADO.
COUNTY OF LARIMER.

I hereby certify that this instrument was filed
for record in my office this
day of JAN 16 1932 A. D. 19
at 10:50 o'clock A. M. and duly recorded
in Book 6229 Page 257

Recorder

Notary

* A-1-15 63269 JAN 16 1932

Post, 1.15

Martinez, Alon, Bailly

ROCKY MOUNTAIN
DEED 14B

File in Docket
6

1
Deed 14 B

—The Bradford-Robinson Ptg. Co., Mfrs. Robinson's Legal Blanks, 1264 Stout St., Denver.

This Deed, Made twenty-sixth day of December in the year of our Lord
one thousand nine hundred and thirty-one between
John N. Griffith and Virginia Griffith,
of the County of Larimer and State of Colorado, of the first part, and
United States of America,

of the second part:

WITNESSETH, That the said part ies of the first part, for and in consideration of the sum of
Thirty-one thousand, one hundred twenty-five and no/100ths--DOLLARS
to the said parties of the first part in hand paid by the said party of the second part, the receipt whereof is
hereby confessed and acknowledged, have granted, bargained, sold and conveyed, and by these presents do
grant, bargain, sell, convey and confirm, unto the said party of the second part, its successors and assigns forever,
all the following described lot or parcel 8 of land, situate, lying and being in the County
of Larimer and State of Colorado, to-wit: Lots 5 and 8 of Section 5,
and all that portion of Lots 3 and 4 of said Section which lies
South of a line parallel with and 580 feet South of the North
boundary line of said section, according to the United States
Government Survey; and the Northeast Quarter of the Southeast Quarter
of Section 6, and all that portion of Lot 9 of Section 6 described
as follows: Commencing at the East Quarter Section corner of
said Section 6, running thence North 1123 feet; running thence
Southwesterly approximately 1400 feet to a point 610 feet North of
the Southwest corner of said Lot 9; running thence South 610 feet
to the said Southwest corner of the said lot 9; thence East 1320
feet to the place of beginning, all in Township 4 North, Range 73
West of the 6th P.M., Colorado, together with all the improvements
and all ditch and water rights appertaining to or belonging to
said lands, together with all the rights, easements, and appurten-
ances thereunto belonging.

TOGETHER with all and singular the hereditaments and appurtenances thereunto belonging, or in anywise
appertaining, and the reversion and reversions, remainder and remainders, rents, issues and profits thereof; and all the
estate, right, title, interest, claim and demand whatsoever of the said part ies of the first part, either in law
or equity, of, in and to the above bargained premises, with the hereditaments and appurtenances.

TO HAVE AND TO HOLD the said premises above bargained and described, with the appurtenances, unto the
said party of the second part, its successors and assigns forever. And the said part ies of the first part, for
them selves, their heirs, executors, and administrators, do covenant, grant, bargain and agree to and with
the said party of the second part, its successors and assigns, that at the time of the enrolling and delivery of these
presents, they are well seized of the premises above conveyed, as of good, sure, perfect, absolute and
indefeasible estate of inheritance, in law, in fee simple, and have good right, full power and lawful authority to
grant, bargain, sell and convey the same in manner and form as aforesaid, and that the same are free and clear from
all former and other grants, bargains, sales, liens, taxes, assessments and incumbrances of whatever kind or nature
forever.

and the above bargained premises in the quiet and peaceable possession of the said party of the second part, its
successors and assigns, against all and every person or persons lawfully claiming or to claim the whole or any part
thereof, the said parties of the first part shall and will WARRANT AND FOREVER DEFEND.

IN WITNESS WHEREOF, The said part ies of the first part have hereunto set their hands
and seal 8 the day and year first above written.

Signed, Sealed and Delivered in the Presence of

John C. Preston
Notary Public

STATE OF COLORADO,

County of Larimer

John N. Griffith
Virginia Griffith

The foregoing instrument was acknowledged before me this 26 day of December, File in Docket
by John N. Griffith and Virginia Griffith. # 6

WITNESS my hand and official seal

My commission expires

My Commission Expires June 1, 1932

John C. Preston

Notary Public

If by natural person or persons here insert name or names; if by person acting in representative or official capacity or as
attorney-in-fact, then insert name of person as executor, administrator or other capacity or description; if by clerk of cor-
poration, then insert name of such officer or officers, as the president or other officers of such corporation, naming the statutory
Acknowledgment, Section 337.

Recorded this 2 day of December, 1931 at 12 o'clock P.M.
Book 512 Page 20

Deed # 14 B
Deed Date 12/26/31
Date Rec 2/19/32
266.1 Acres

CERTIFICATE OF ACCEPTANCE

By virtue of and pursuant to the authority conferred by the Act of Congress approved January 26, 1915, (38 Stat. 796), and acts supplementary thereto and amendatory thereof, and the Act approved February 14, 1931, (46 Stat. 1154), I, the undersigned, as Assistant Secretary of the Interior, do hereby accept the attached deed dated December 26, 1931, wherein and whereby John N. and Virginia Griffith convey to the United States of America certain land situated within the area of the Rocky Mountain National Park.

In witness whereof, I, as said Assistant Secretary, hereunto set my hand officially and have caused the seal of said Department to be affixed hereto and in attestation hereof this 17th day of February, 1932.

Wm H. Burton
Assistant Secretary
ms *am*

File in Docket
6

Other Supporting Information

Alan Williams
Rocky Mountain National Park
Estes Park, CO 80517

Chuck,

Here are our preliminary efforts at the replacement well applications. I didn't type them up on original forms because there will no doubt be some changes or additions to be included. Some questions and comments:

Aspenglen Campground: While our records show a permit number for a well supplying domestic and public campground use, they do not show a court case number.

Mill Creek Ranger Station: Straightforward (I hope) except for being in an irregular section. Included is a USGS topo with approximate locations. Hopefully this will satisfy the engineers' office.

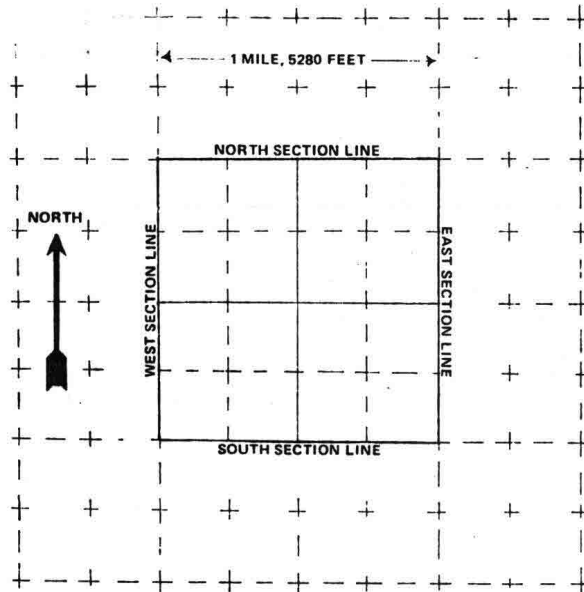
Green Pipeline: More problems. Apparently our decree is for domestic use. Since this supply has been in reality a municipal system for a great number of years, it should have been changed in water court in the 1970's to a municipal decree. It would appear that we have an illegal use of this well. What do your people think?

I will be in training all day Wednesday and Thursday of this week, but you can leave messages for me at the park number, 586-2371 ext. 250. If no messages, then I will call you on Friday.

Thank you,

I.D. _____ COUNTY _____

(5) **THE LOCATION OF THE PROPOSED WELL** and the area on which the water will be used must be indicated on the diagram below. Use the CENTER SECTION (1 section, 640 acres) for the well location.



The scale of the diagram is 2 inches = 1 mile
Each small square represents 40 acres.

WATER EQUIVALENTS TABLE (Rounded Figures)

An acre-foot covers 1 acre of land 1 foot deep.
1 cubic foot per second (cfs) ... 449 gallons per minute (gpm)
A family of 5 will require approximately 1 acre-foot of water per year.
1 acre-foot ... 43,560 cubic feet ... 325,900 gallons.
1,000 gpm pumped continuously for one day produces 4.42 acre-feet.

(6) **THE WELL MUST BE LOCATED BELOW** by distances from section lines.

2,420 ft. from North sec. line
(north or south)

2,180 ft. from West sec. line
(east or west)

LOT _____ BLOCK _____ FILING # _____

SUBDIVISION _____

(7) **TRACT ON WHICH WELL WILL BE LOCATED** Owner: United States of America

No. of acres 80. Will this be the only well on this tract? yes

(8) **PROPOSED CASING PROGRAM**

Plain Casing

6 5/8 in. from 0 ft. to 20 ft.

_____ in. from _____ ft. to _____ ft.

Perforated casing

6 5/8 in. from 20 ft. to 60 ft.

_____ in. from _____ ft. to _____ ft.

(9) **FOR REPLACEMENT WELLS** give distance and direction from old well and plans for plugging it:

From spring N 63°30'E, 590 feet
Abandonment: Gravel to water level, about one foot concrete, then one foot soil in order to revegetate disturbed area.

(10) **LAND ON WHICH GROUND WATER WILL BE USED:**

Owner(s): United States of America, National Park Service No. of acres: 80

Legal description: Lot 5, Section 5, T4N, R73W, 6 PM

(11) **DETAILED DESCRIPTION** of the use of ground water: Household use and domestic wells must indicate type of disposal system to be used.

Domestic use for two residences, employee use only, not a public system. Disposal system consists of a septic system and leachfield in the same drainage basin. There will be some livestock watering.

(12) **OTHER WATER RIGHTS** used on this land, including wells. Give Registration and Water Court Case Numbers.

Type or right

Used for (purpose)

Description of land on which used

(13) **THE APPLICANT(S) STATE(S) THAT THE INFORMATION SET FORTH HEREON IS TRUE TO THE BEST OF HIS KNOWLEDGE.**

SIGNATURE OF APPLICANT(S)

CONFIRMATION OF WD-1 ADJUDICATION INFORMATION
FOR FLORISSANT FOSSIL BEDS NATIONAL MONUMENT
AND ROCKY MOUNTAIN NATIONAL MONUMENT

Water Rights Branch
Water Resources Division
National Park Service
301 S. Howes Street
Fort Collins, Colorado 80521

Prepared By:

Wm. R. Olsen
Hydrologist

2/1/89
Date

Approved By:

O. R. Wilkin
Branch Chief

2/2/89
Date

ACTION PLANConfirmation of WD-1 Adjudication
Information for FLFO and ROMO

BACKGROUND - Amended applications were filed for adjudication procedures in District Court, Water Division No. 1, Colorado in 1984 for Florissant Fossil Beds National Monument (FLFO) and Rocky Mountain National Park (ROMO). The Findings and Ruling of the Referee and Decree of the Water Court were received from the Department of Justice (DOJ) on January 6, 1989. The DOJ asked the NPS to review and confirm acceptance of the Courts Decree. The case numbers reviewed were:

<u>Case Number</u>	<u>Name of Structure</u>
\ W-8795-77	FLFO - Visitors Center Well No. 1
\ W-8796-77	FLFO - Hornbuck Well No. 2
\ W-8799-77	FLFO - Maytag Red Barn Well No. 6
\ W-8800-77	FLFO - Maytag Domestic Well No. 8
\ W-8801-77	FLFO - Nelson Domestic Well No. 9
\ W-8802-77	FLFO - Ghist Domestic Well No. 10
\ W-8803-77	FLFO - A-Frame Domestic Well No. 11
W-8790-77	ROMO - Aspenglen CG Well No. 23820
W-8792-77	ROMO - Hallowell Park Well No. 23819
85 CW 374	ROMO - Hallowell Park Pipeline No. 3
85 CW 375	ROMO - Hallowell Park Ditch No. 2
	Mill Creek Minimum Flow

Each Ruling was reviewed for accuracy and compared with the Service filings filed in 1984. Each review considered name of structure, location, source, date of appropriation, amount of water and use (see attached summary sheets for FLFO and ROMO).

An initial review revealed that the Court's Findings were acceptable with the exception of conflicting legal locations for FLFO - W-8799-77, and ROMO - W-8792-77. A letter dated 1/11/89 was sent to John Hill (DOJ) confirming such (attached).

After further file review it was determined that the Court's Findings for FLFO - W-8799-77 were accurate. Review revealed that location conflicts occurred on case numbers ROMO - W-8792-77, ROMO - 85 CW 374, FLFO - W-8796-77. This results in a need to accurately identify legal locations for these cases.

Discussions with Rick Inglis concerning FLFO - Hornbuck Well No. 2 (W-8796-77) confirmed the Court's Findings. Rick conducted a intensive field reconnaissance of the water developments in FLFO and specifically remembered the conflict in question. He is positive that the correct legal location is NE1/4, NW1/4, Section 13, T13S, R71W. Based upon Rick's field review, FLFO - W-8796-77 will be dropped from further review. Location changes in FLFO-Docket #2 were made on 1/19/89.

After a file review and discussions with Rick Inglis, there continues to be a need to confirm the legal locations for ROMO-W-8792-77 and ROMO - 85 CW 374. The following actions items are required to complete this review of the Court's Findings:

ACTION ITEMS

- 1) Field review the legal locations for the point of diversion for Hallowell Pipeline No. 3 and for Percival Well (85 CW 374).
- 2) Field review the legal location for the Hallowell Park Well No. 23819 (W-8792-77). Utilize land acquisition survey drawing no. 2759.
- 3) Confirm legal locations and submit State forms for correcting clerical errors.
- 4) Update docket information.

Review of Court's Findings and Decree
in Water District No. 1

Florissant Fossil Beds National Monument

- * Visitors Center Well No. 1 (W-8795-77) - Location, source, date, and amount were correct. Court granted use for drinking and sanitation facilities at Visitor Center. Our amended claim (1984) requested use for domestic, recreation, and fire fighting (see below).
- * Hornbuck Well No. 2 (W-8796-77) - Source, date, and amount were correct. A conflict in location was noted between the Court's Findings and the Water Right Record. Discussions with Rick Inglis who conducted an intensive field review indicate that the correct location is the NE, NW, Sec. 13, T13S, R71W. Docket #2 data is incorrect and has been changed. Court granted use for domestic and stockwater. Our amended claim (1984) requested use for domestic, recreation and fire fighting (see below).
- * Maytag Red Barn Well No. 6 (W-8799-77) - Location, source, date and amount were correct. Court granted use for stockwater. Our amended claim (1984) requested use for domestic, recreation and fire fighting (see below).
- * Maytag Domestic Well No. 8 (W-8800-77) - Location, source, date and amount were correct. Court granted use for domestic and stockwater. Our amended claim (1984) requested use for domestic, recreation and fire fighting (see below).
- * Nelson Domestic Well No. 9 (W-8801-77) - Location, source, date and amount were correct. Court granted use for domestic. Our amended claim (1984) requested use for domestic, recreation and fire fighting (see below).
- * Ghist Domestic Well No. 10 (W-8802-77) - Location, source, date and amount were correct. Court granted use for domestic. Our amended claim (1984) requested use for domestic, recreation and fire fighting (see below).
- * A-Frame Domestic Well No. 11 (W-8803-77) - Location, source, date and amount were correct. Court granted use for domestic. Our amended claim (1984) requested use for domestic, recreation and fire fighting (see below).

Conflicts in Use - The Court granted our domestic use in all cases except the Maytag Red Barn Well No. 6. Well No. 6 has historically been used as a livestock and wildlife water. Because the well has a windmill and has not been used for domestic purposes the Court's Findings are acceptable. Recreational uses can be met through domestic water supplies and fire fighting uses will be met during any emergency situation using domestic water. Therefore, the Court's Findings on use are acceptable to the NPS.

Summary prepared by Wm. R. Hansen on 1/19/89

Review of Court's Findings and Decree
in Water District No. 1

Rocky Mountain National Park

- * Hallowell Park Ditch No. 2 (85 CW 375) - Location, source, date, amount and use were correct. Abandonment of 0.7 cfs correct.

- * Hallowell Park Pipeline No. 3 (85 CW 374) - Source, date, and amount were correct. Court granted use for domestic in 2 seasonable residences for government purposes. Our amended request (1984) requested use for domestic and fire fighting (see below). Conflicts in location of point of diversion (Pipeline No. 3) and location of new use at Percival Well were found.

Conflict - Point of diversion Pipeline No. 3

- Amendment (1984) - NW,SW, Sec. 5, T4N, R73W
- Court Finding (1989) - ~~SW,NW~~, Sec. 5, T4N, R73W

change

Conflict - Location of Percival Well

- Amendment (1984) - NE,SE, Sec. 27, T5N, R73W
- Court Finding (1989) - SE,SE, Sec. 28, T5N, R73W
- Deed survey suggests location in ~~(SW,SE)~~ Sec. 28, T5N, R73W.

- * Hallowell Park Well No. 23819 (W-8792-77) - Source, date, and amount were correct. Court granted use for drinking and sanitary facilities for Job Corps Camp. Our amended request (1984) requested use for domestic, recreation, and fire fighting (see below). Conflicts in legal location.

change

Conflict

- Water Right Record - ~~NE,SW~~, Sec. 6, T4N, R73W
- Court Finding (1989) - ~~SE,NW~~, Sec. 6, T4N, R73W
- Water Quality Report - SW,NE, Sec. 6, T4N, R73W
- Survey confirms SW,NW, Sec. 6, T4N, R73W - Drawing No. 2759.

- *Aspenglenn Campground Well No. 23820 (W-8790-77) - Source, date, location were correct. Court granted use for drinking and sanitary facilities in campground with 61 camp sites. Our amended request (1984) requested use for domestic, recreation, and fire fighting (see below). There were differences in amounts claimed and amounts granted by the Court.

Conflict

- Amendment dated 9/28/84 - Claimed 55 gpm (Appropriative).
- Amendment for W-8788-77 - Claimed 30 gpm (Reserved).
- Court Finding - 30 gpm limited to 1 ac-ft/yr.
- O. Williams confirmed that 30 gpm was acceptable.

Conflicts in Use - In all cases our primary need for domestic use was met. Recreational uses can and will be met with domestic water and fire fighting uses will be met during any emergency situation using domestic water. Therefore, the Court's Findings on use are acceptable to the NPS.

Summary prepared by Wm. R. Hansen on 1/19/89

January 11, 1989

LSA(479)
ROMO/Water Rights
X FLFO/Water Rights

Mr. John Hill, Jr.
Attorney, General Litigation Section
U.S. Department of Justice
Land and Natural Resources Division
Denver Field Office
Federal Building, 1961 Stout Street
Drawer 3607
Denver, Colorado 80294

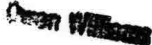
Re: Water Division No. 1 - Case Numbers 85CW374; 85CW375; W-8792-77;
W-8790-77; W-8795-77; W-8796-77; W-8799-77; W-8800-77; W-8801-77;
W-8802-77; W-8803-77 - Your letter of January 3, 1989.

Dear Mr. Hill:

We have reviewed the copies of FINDINGS AND RULING OF THE REFEREE AND DECREE OF THE WATER COURT in the above captioned cases. We have verified our claims and the courts findings and find the Rulings to be acceptable. During our review we identified conflicting legal locations for W-8792-77 and W-8799-77. We will investigate these conflicts and if found to be in error in the Ruling, will make the appropriate changes in legal locations at a later date.

If you have any questions, please call me.

Sincerely,



Owen R. Williams
Chief, Water Rights Branch

cc: RMR - Rouse, Hermance
ROMO - Superintendent
FLFO - Superintendent
ESOLRMR - Cannaday
WRD - Ponce

FNP:WHanson:scp:1/11/89:221-8302:WANG/496

A. LOVE
error



A. RALPH OWENS
State Engineer

DIVISION OF WATER RESOURCES

232 STATE SERVICES BUILDING
1525 SHERMAN STREET
DENVER, COLORADO 80203

January 25, 1967

William E. Fields
Acting Supervising Hydraulic Engineer
National Park Service
S.F. Planning & Service Center
P. O. Box 36063
San Francisco, California 94102

Dear Mr. Fields:

Enclosed are sepia negatives of the Hollowell Park filings and decretal orders for the same, to which your letter of January 16, 1967 referred. These two items are self explanatory and will answer all except one of your questions.

The only other decreed water right on said Mill Creek is as follows: decree issued on November 14, 1939 for the Rocky Mountain Boys' Camp Pipeline bearing Priority No. 28 domestic and dated September 30, 1919, the amount being 0.012 cfs.

Bear in mind, however, that Mill Creek is eventually tributary to the Big Thompson River, and is, therefore, subject to all of its priorities.

If we can be of further assistance to you, please let us know and we shall comply immediately.

Yours very truly,

Glen B. Rogers

Glen B. Rogers
Associate Water Resource Engr.

GBR: sh

*Rec'd w/ Mr. Fields' letter to Div of Water Res. State Services Bldg. Denver, Colo.
initiated. (around Mar 21, 1967)*

*copies to
Park
referred
follow up
on this report to
me
Docket #24*



UNITED STATES
DEPARTMENT OF THE INTERIOR

GEORGE B. S. RUBY

May 11, 1965

Mr. Tolson	
Mr. DeLoach	
Mr. Mohr	
Mr. Bishop	
Mr. Casper	
Mr. Callahan	
Mr. Conrad	
Mr. Felt	
Mr. Gale	
Mr. Rosen	
Mr. Sullivan	
Mr. Tavel	
Mr. Trotter	
Tele. Room	
Mr. Holmes	
Miss Gandy	

Red
574
10/10/65
3. Files

L-54

Docket 6

Amey
met

Print
to file
Amey

Memorandum

To: Mr. George F. Baggley, Associate Regional Director, National Park Service, 1709 Jackson Street, Omaha, Nebraska 68102

From: W. L. Coffin, Ground Water Branch, Denver, Colorado

Subject: Job Corps Center Test Well, Hallowell Park, Rocky Mountain National Park. Your reference D22-MWR(OM)XL54

This memorandum reports the results of test drilling and test pumping at Hallowell Park in Rocky Mountain National Park. A test well was drilled at a site selected by Park Service personnel in the area recommended by our memorandum to the Associate Regional Director on April 12, 1965. Conditions were found to be favorable; a capacity test showed the yield was more than adequate, so the well was completed as a production well.

Test drilling with a cable tool rig began April 16 and ended April 22, 1965. The well was drilled to 122 feet below land surface and cased to 119 feet. The details of the completed well are shown on figure 1.

The glacial outwash penetrated by the well consists of unconsolidated clay silt, sand and gravel. From land surface to 40 feet, sorting is poor and the silt and clay content is relatively great; below 40 feet, sorting becomes better with depth and the silt and clay content decrease. Below 60 feet, clay and silt are minor constituents and the deposits are moderately well-sorted sand and very fine to fine gravel. At 101 feet, granitic gneiss, which is probably Precambrian bedrock, was encountered. The drill cuttings are described in the lithologic log (table 1) and are graphically shown in figure 1.

Because the deposits caved into the drill hole, casing had to be driven during drilling. The drive casing is 6 inches inside diameter, 6 5/8 inch outside diameter and weighs 19.87 pounds per foot (fig. 1). The casing is in 10 foot lengths with welded joints. The drive casing is perforated from 74 to 99 feet with 9 vertical rows of torch-cut slots that are 1/8 inch wide by 2 inches long; the centers of the slots are about 8 inches apart vertically. The rows of slots are spaced about every 2 inches around the circumference of the casing. The casing was driven about 3 inches into the granitic gneiss.

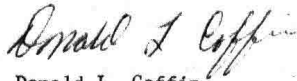
After the well had been drilled and cased, it was developed by bailing and surging for about 35 hours. At the end of this development, sand could still be drawn into the well by heavy bailing indicating that slots in the drive casing are too large to allow the sand and very fine gravel to bridge the slots. To prevent sand from entering the well during pumping an inner casing or liner was emplaced. The liner extends from 3 feet below the top of the drive casing to 119 feet (fig. 1). The liner is 5 inches inside diameter, 20 gage galvanized steel, perforated with machine-made vertical louver slots from 82 to 119 feet, and has threaded joints. Should enough fine sand and silt eventually accumulate between the two casings to cause the yield to decrease, the inner casing can probably be withdrawn and the well cleaned out.

The well was test pumped on April 30, 1965 (table 2 and fig. 2). Pumping began at a rate of about 20 gpm (gallons per minute); after about 1 hour the pumping rate was increased to 37 gpm, the maximum permitted by the meter attached to the discharge pipe. The discharge was allowed to stabilize and after about 410 minutes, the pumping water level remained almost constant so pumping was stopped. After water-level recovery measurements were made, it was recommended that the meter be removed from the discharge pipe and that the well be pumped at the maximum capacity of the pump (53 gpm) for several hours to reduce the amount of sand that will enter the well after it is put in service.

Interpretation of water level and discharge measurements (fig. 2) made before, during, and after pumping indicates that the specific capacity of the well is 3.6 gpm per foot of drawdown and that the coefficient of transmissibility is about 12,000 gallons per day per foot. If it is assumed that these values are representative of the well and aquifer until the water level declines below one half of the saturated thickness of the aquifer, then the yield of the well would be about 130 gpm with a drawdown of about 38 feet. This computation assumes that the drawdown is only about one half of that possible in the well, therefore, the maximum yield of the well would be more than 130 gpm. About 35 gpm is desired for the camp, therefore, the yield is more than adequate. Pumping at a rate not to exceed 35 gpm should not cause sand to be pumped with the water and the drawdown should be less than 10 feet (fig. 3).

It is suggested that access be left into the well so that periodic water-level measurements, both static and pumping, can be made. This type of record is useful in detecting well problems before they become severe and will generally show whether a loss in yield is the fault of the pump or the well.

Field tests of the water showed that the dissolved solids and iron content is low, that the water is soft, and should be of excellent quality for domestic use. A sample has been collected and the results of the chemical analysis will be forwarded to you as soon as they become available. A bacteriological analysis should be made to determine the sanitary properties of the water.



Donald L. Coffin
Geologist

Attachments

cc: Superintendent, Rocky Mountain National Park
w/attachments

Table 1.--Lithologic log of well at Hallowell Park (SW $\frac{1}{4}$, SW $\frac{1}{4}$, NE $\frac{1}{4}$, Sec. 6, T. 4 N., R. 73 W. About 3,500 ft N 39° W of SE corner sec. 6. Land surface elevation about 8,385 above msl).

Explanation: Size of the particles making up the sample is indicated by the name of the constituents, and that for sand and gravel is indicated by modifiers. Size limits are:

Name	Grade limits (diameters in millimeters)
Clay	less than 1/256
Silt	1/256 to 1/16
Sand	1/16 to 2
Gravel	2 to 64
Cobbles	64 to 256
Boulders	more than 256

The relative proportion of the constituents is indicated by the arrangement of the names. The principal constituent is listed first, a constituent only slightly smaller in quantity follows the word "and." Constituents that make up 30 percent or less of the sample are listed after "contains." Therefore, a description which reads "Clay * * * and * * * sand; contains * * * gravel" would be at least 70 percent clay and sand, in approximately equal quantities, and 30 percent or less gravel. Color names and symbols are from the Rock-Color Chart distributed by the Geological Society of America.

	Thickness (feet)	Depth (feet)
Clay, dark yellowish-brown (10YR4/2) and silt; contains very fine to very coarse, sub- angular to subrounded sand	5	5
Sand, very fine to medium, subangular to subrounded, and light olive-gray (5Y6/1) clay; contains silt and coarse sand to very fine gravel	20	25
Clay, light olive-gray (5Y5/2) and very fine to medium, angular to subrounded sand; contains silt and coarse sand to very fine gravel	10	35
Sand, very fine to very coarse, angular to sub- rounded, and light olive-gray (5Y5/2) clay; contains silt and very coarse sand to very fine gravel.	5	40
Sand, very fine to very coarse, angular to sub- rounded, and very fine to fine subrounded gravel; contains silt and clay	25	65
Sand, very fine to very coarse, angular to sub- rounded; contains very fine to fine subrounded gravel and a small amount of silt and clay . . .	15	80
Sand, very fine to very coarse, angular to subrounded, and very fine subrounded gravel; contains a small amount of silt and clay	21	101
Gneiss, granitic.	21	122

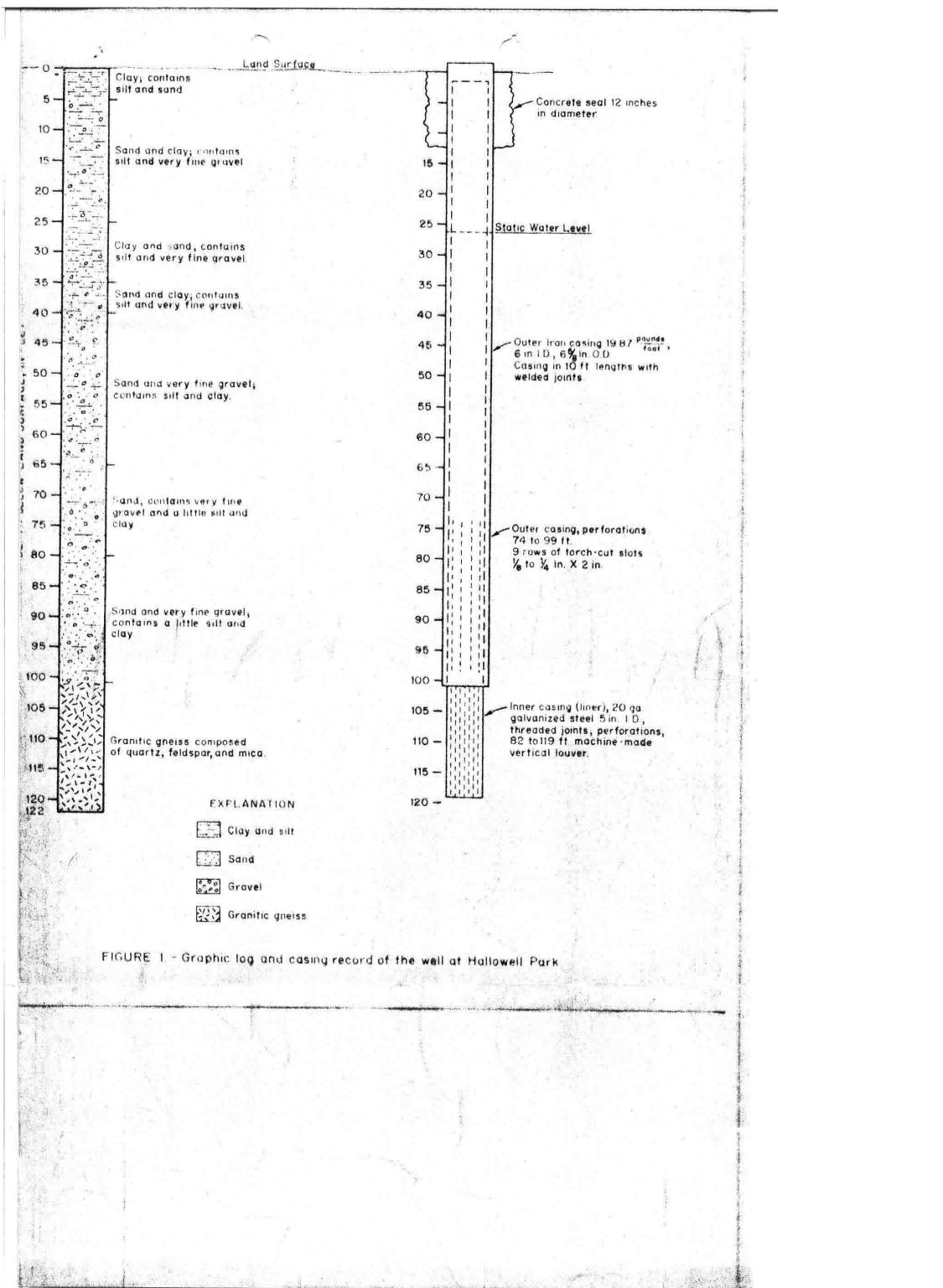


FIGURE 1 - Graphic log and casing record of the well at Hallowell Park

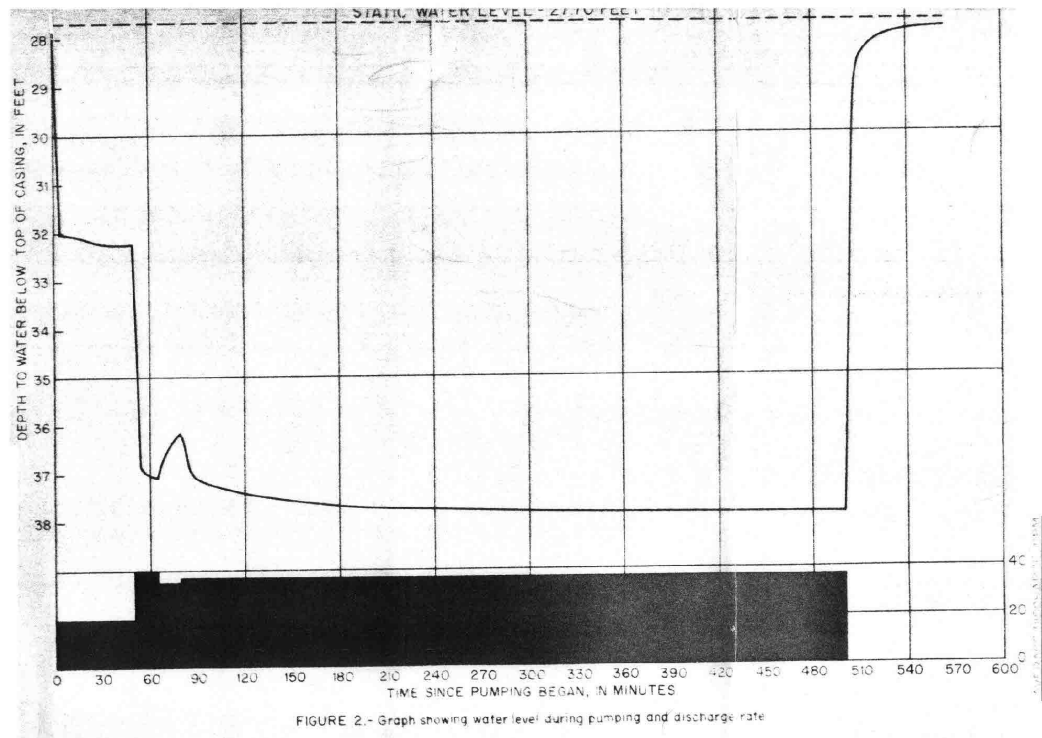
Table 2.--Results of pumping test at Hallowell Park (SW $\frac{1}{4}$, SW $\frac{1}{4}$, NE $\frac{1}{4}$, sec. 6, T. 4 N., R. 73 W. About 3,500 ft N 39° W of SE corner sec. 6. April 30, 1965).

Pumping time (minutes)	Discharge (gpm)	Drawdown (feet) <u>1/</u>	Recovery time (minutes)	Residual drawdown (feet)	Specific capacity <u>2/</u> (gpm per ft. of drawdown)	Coefficient of transmissi- bility <u>3/</u> (gpd per ft)
11	19	4.30			4.4	
50	20	4.59			4.4	
60	40	9.34			4.3	
260	36	10.09			3.6	
500	37	10.16			3.6	
			1	1.93		
			10	.57		
			60	.18		12,000

1/ Static water level, 27.70 feet below top of casing.

2/ Rate of discharge per unit of drawdown.

3/ The amount of water that will flow in a specified time under unit hydraulic gradient through a cross section of unit width extending the full thickness of the aquifer. Gallons per day is abbreviated to gpd.



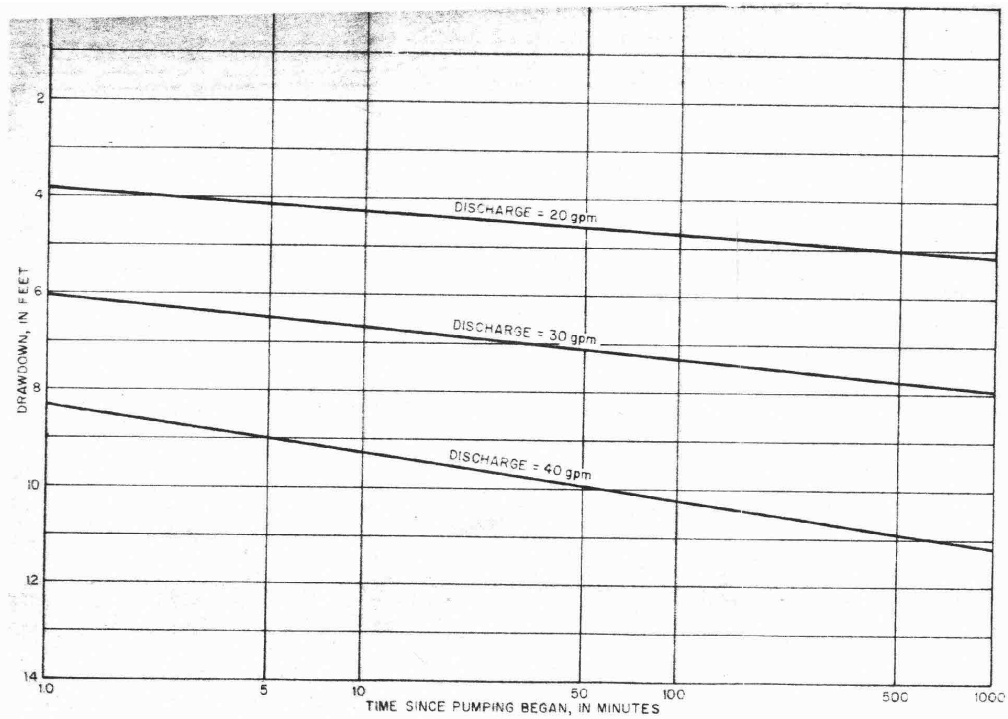


FIGURE 3 - Projected curves of drawdown with time.

Source Drilled Well HALLOWELL PARK WELL (DRILLED 4/65)
Location Estes Park, Larimer Co., Colorado
1/4 SW 1/4 NE 1/4 Sec 6 T4N R73W Field/Office No. _____

Date Col. <u>4/30/65</u> Time _____	Well Type <u>Drilled</u> Use <u>Domestic</u>
Col. By <u>L. A. Wood and D. L. Coffin</u>	Depth (ft.) <u>122M</u> Cased to _____
Field detns: Temp. (°F) <u>42°</u> pH _____	Diam. (in.) _____ Date drilled <u>4/30/65</u>
Sp. Cond. (μmhos) _____ Eh _____	Water level (ft.) _____
Appearance <u>Clear</u>	Discharge _____
	W. B. F. <u>Glacial outwash 27 to 101</u>
	Owner <u>National Park Service</u>
	<u>Estes Park, Colorado</u>

Chemical components		Physical characteristics and computed values	
	ppm		epm
Silica (SiO_2)	20	Dissolved Solids (ppm)	
Aluminum (Al)		Res. on evap. at 180°C	53
Iron (Fe)		Calculated	67
Manganese (Mn)		Suspended solids (ppm)	
Calcium (Ca)	7.2	Hardness as CaCO_3 (ppm)	
Magnesium (Mg)	3.9	Total	85
Strontium (Sr)		Non-carbonate	49
Sodium (Na)	4.7	Specific conductance	
Potassium (K)	0.4	($\mu\text{mhos at } 25^\circ\text{C}$)	74
		pH	6.9
		Color	
Cations (epm)	0.894		
Bicarbonate (HCO_3)	44	Radiochemical data	
Carbonate (CO_3)	0	Alpha activity (pc/l) as of	
Sulfate (SO_4)	6.8	Beta activity (pc/l) as of	
Chloride (Cl)	1.7	Radium (Ra) (pc/l)	
Fluoride (F)	0.6	Uranium (U) ($\mu\text{g/l}$)	
Nitrate (NO_3)	0		
Phosphate (PO_4)			
Boron	0.01		
Anions (epm)	0.943		

Lab. No. _____ Analysts _____ Date Checked _____

QW-1

GPO 842535

3-3-65
copy

Rocky Mountain National Park
and
Shadow Mountain National Recreation Area
P. O. Box 1060, Estes Park, Colorado 80517

154

March 2, 1965

State of Colorado
Division of Natural Resources
Ground Water Division
State Services Building
Denver, Colorado

Attention: Mr. George W. Colburn

Gentlemen:

Enclosed are applications for permission to drill two wells within Rocky Mountain National Park in Larimer County. One well is to be located in Mondus Park between the Fall River Entrance and Aspen-glen Campground. The other well is to be located at the west end (upper) of Hallowell Park.

In the past, the application fee has been waived for permits issued in Rocky Mountain National Park. Will you please advise us if this is not now the case.

Your usual good cooperation in processing the applications will be very much appreciated.

Sincerely yours,

[Signature] Granville B. Loe

Superintendent

Enclosures (2)

cc:
Chief, Water Resources Section, WASO w/ 2 enclosures
Regional Director, Midwest Region w/enclosure

LSH:MMH(OL)

JAN 20 1965

Docket 6

W O D C

JAN 25 '65

CHF

ADM

PERS

P & P

ARCH

4 ~~100~~ 21

L. A.

SPEC

CONT

SFTY

ACTION TAKEN - 2/1/65

Memorandum

To: Superintendent, Rocky Mountain

From: Acting Assistant Regional Director

Subject: Hallowell Park Test Well, Job Corps Camp, Rocky Mountain
National Park

Funds for preliminary planning and investigations at Job Corps sites have not been made available. The priority of Job Corps camps throughout the country have changed very recently.

It is necessary to wait until Job Corps funds are available before pursuing the drilling of a test well in Hallowell Park. Drilling of a well in Hallowell Park would likely encounter large boulders, similar to those in the Fall River Entrance Station area. An adequate quantity of ground water in Hallowell Park may be problematical according to Donald L. Coffin of the U. S. Geological Survey.

Mr. Coffin requested a copy of any drilling data if the well is drilled, and proposed to supply a man to assist with the test pumping if they are given sufficient notice when this drilling is started.

(Sgd) Edwin C. Alberts

Acting Assistant Regional Director

cc:

The Director (2), w/copies of Superintendent's memorandum of January 8, 1965.

Chief, WODC (2), w/copies of Superintendent's memorandum of January 8, 1965.

EDW



IN REPLY REFER TO:

D22

L54

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Rocky Mountain National Park,
and

Shadow Mountain National Recreation Area
P. O. Box 1080, Estes Park, Colorado 80517

January 8, 1965

Reg. Director	
Mrs. Howe	
Operation	
Administration	
Coop. Act.	
Pub. Affairs	
Development	
Res. Serv.	
Field Off.	
Action taken	
File	

RETURNS TO FILE PROMPTLY

Memorandum

To: Regional Director, Midwest Region
From: Superintendent, Rocky Mountain
Subject: Hallowell Park Test Well, Job Corps Camp

It is anticipated that the Rocky Mountain National Park may receive a Job Corps Camp in June of 1965.

In regard to the water system for the camp, it is felt that a well may be the most economical type of intake to use. Surface type intakes, with an infiltration gallery, have always caused maintenance problems in this Park. The water in the streams have an abundance of glacial silt which plugs up the infiltration gallery after a year of use. The Public Health Service requires an expensive system for backwashing the infiltration gallery; with a well, none of this would be required.

We are wondering if Regional funds could be established at this time to have the U. S. Geological Survey Department make a field study of this area, and if their recommendations are favorable to drill a test well and determine the yield.

To finish the geological field study and report will consume about two months of time. If this could be done this winter it would certainly be an aid in the proper design and construction of a water intake for this proposed camp.

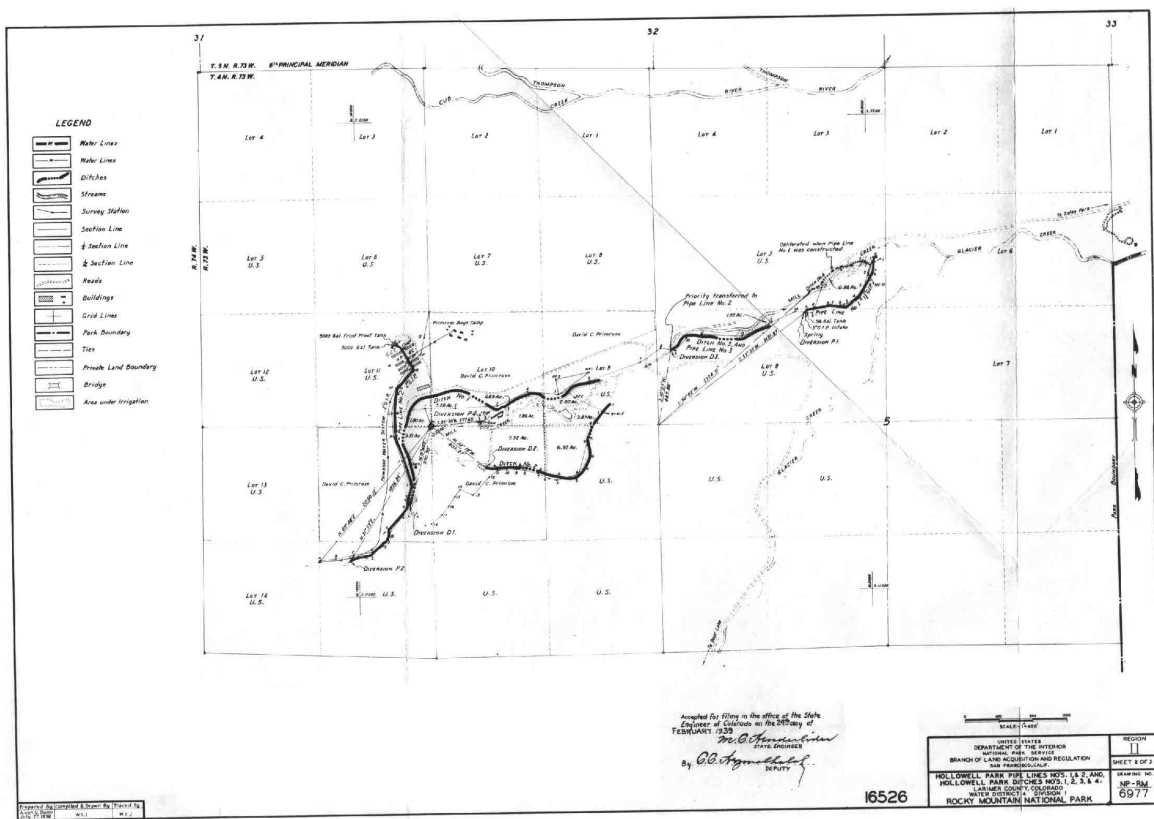
Linnea R. Lee
Superintendent

April 9, 1953

STATEMENT

For general conditions relating to adjudication and
decree, see Rocky Mountain National Park Docket No. 13.

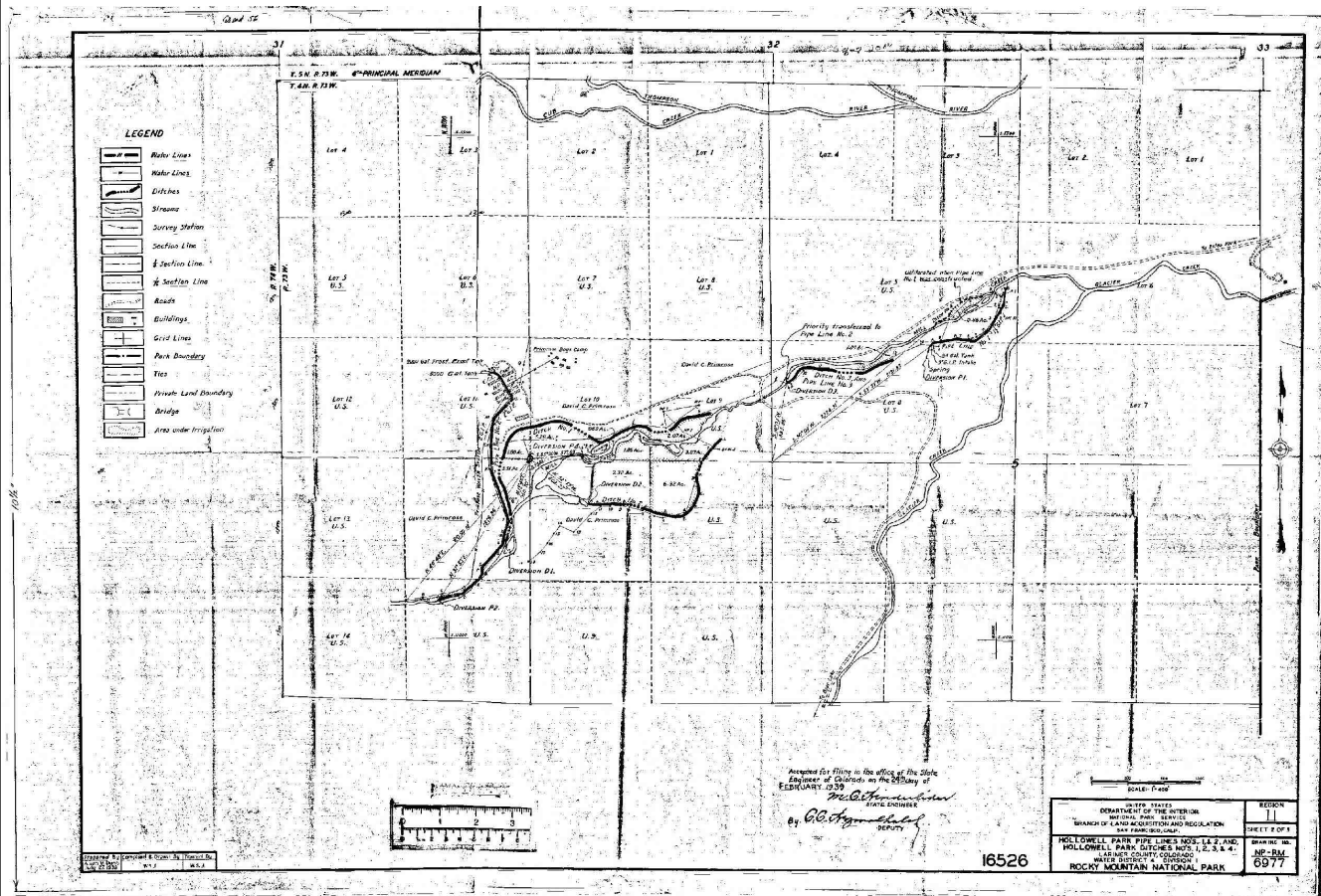
(SGD.) A. VAN V. DUNN.
A. van V. Dunn
Chief, Water Resources Branch



Submitted and sent to before the 1st day of February, 1912.

Charles E. Williams
 By Special Agent in Charge
 Bureau of Land Management
 United States Department of the Interior

16526	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT BRANCH OF LAND ACQUISITION AND REGULATION SALT LAKE CITY, UTAH	RECORD SHEET 3 OF 3
	HOLLOWELL PARK PIPE LINES NOS. 1 & 2, AND HOLLOWELL PARK DITCHES NOS. 1, 2, 3 & 4.	DRAWING NO.
	LOWER OF COLORADO WATER DISTRICT 4, DIVISION 1	NO.-RM.
	ROCKY MOUNTAIN NATIONAL PARK	6977



Number of Documents in Docket	105		
Documents Dated from	8/24/1928	to	12/7/1992
Docket Compiled:	6/14/2011		