10-30-2001: NPS Report of Water Use for Water Year 2001 (letter + table)

United States Department of the Interior

NATIONAL PARK SERVICE
Water Resources Division
1201 Oak Ridge Drive, Suite 250
Fort Collins, Colorado 80525-5596

October 30, 2001

IN REPLY REFER TO:
L54(2380)
MEVE/Water Rights
HOVE/Water Rights

Mr. Marty Robbins
Water Commissioner
P.O. Box 721
Mancos, CO 81328

Re: Reporting of Federal Reserved Water Rights for Mesa Verde National Park and Hovenweep National Monument

Dear Mr. Robbins:

The purpose of this letter is to report water use figures for springs in Hovenweep National Monument and mean daily flow values for the stream gage on the Mancos River within Mesa Verde National Park. As you recall, the National Park Service (NPS) agreed to provide this information for its Federal reserved water rights to the State during our October 31, 2000 meeting and memorialized in our letter dated December 15, 2000.

HOVENWEEP NATIONAL MONUMENT

For the springs, we agreed to provide the following:

1) Determining the approximate surface area under the influence of the spring discharge. This value will then be used in the modified Blaney-Criddle evapotranspiration equation to estimate the amount of water consumed by vegetation for this source. This will be an estimate of the amount of water consumed annually by vegetation.

2) Instantaneous surface water discharge measurements will be collected where possible at springs that lend themselves to measurement and the date of measurement. These measured flows will vary by season and by year.

3) Text descriptions for the sites will be included in the "Comment" field of the report form. The NPS will report such items as "area is subirrigated" or "no surface flow" for springs where this is appropriate.

The enclosed summary report varies slightly from what was stated above. First, the NPS used the standard Blaney-Criddle evapotranspiration equation rather than the modified version. Since evapotranspiration was calculated for the entire growing season (May 16 through October 7), the use of the modified equation was not necessary. The value of "U", or evapotranspiration during the growing season was calculated to be 30.89 inches for Hovenweep National Monument.

During our field visit on September 11, 2001, no direct measurements of discharge were made because of the low flow rates and difficulty in obtaining an accurate flow measurement at the springs. Consequently, under the heading of "Amount" in the enclosed table, we noted whether a spring was flowing, not flowing, or whether it consisted of a standing pool of water.

The NPS did not include the term "subirrigated" in the "Comments" field of the report. At this point, the NPS does not feel it has enough information to state whether the vegetation observed at and near the springs is predominantly fed by surface or subsurface waters. Therefore, the NPS estimated the area of vegetation below the springs that relies on water in addition to direct precipitation and used this figure in calculating annual consumptive use.

The NPS used the "S" (Source of water) code of 1 to identify the source of the spring water as "River stream or creek". The NPS used the U/1 and U/2 codes of "1" and "w" respectively to identify the primary use of water for "irrigation" and the secondary use of water for "wildlife".

Two springs were not measured. The Holly House Spring was not located and there is a concern whether Horseshoe Spring #2 is located outside the NPS boundary. The NPS does not wish to include a Non-use code (NUC) until more observations are completed for the Holly House Springs to determine whether it flows at selected time of the year and the park boundary is verified in relation to Horseshoe Spring #2.

To summarize, the NPS has enclosed consumptive use estimates for Hovenweep National Monument for the 12 spring sources. The uses listed in the enclosure correspond to irrigation and wildlife uses. The purposes outlined in the water rights decree include, but are not limited to, water for the support of aquatic and land vegetation; the development, conservation and management of resident and migratory wildlife and wildlife resources; and the preservation of educational, historic, scientific, scenic, aesthetic and other public values and habitat protection and management.

MESA VERDE NATIONAL PARK

During the October 31, 2000 meeting the NPS also agreed to provide mean daily stream flow for the gage operated on the Mancos River by the NPS. Please find this information enclosed in a format that is similar to that published by the U.S. Geological Survey in their annual data reports. Next year, the NPS hopes to provide a more complete flow record for this gage.

Where the mean daily flow is estimated, standard techniques used by the U.S. Geological Survey were followed to compute the estimates. If you wish to review any of the information that has gone into completing this flow record, or wish to review the NPS methods or field techniques, please contact us and we will be happy to provide you with the requested information.

If you have any questions concerning this letter, please contact Jeff Hughes at (970) 225-3527.

Sincerely,

Charles W. Pettee
Chief, Water Rights Branch

Enclosures (2)

cc: State of Colorado, Water Resources Division (Durango) – Ken Beegles (w/Enclosures)

Bcc: (all w/Enclosures)

MEVE – Superintendent, San Miguel
HOVE – Superintendent, Huebner
Southern Utah Group – Superintendent, Schelz
IMRO – Reber
SOL (Denver) - Fahmy
2380 – McGlothlin, Albright

WATER YEAR 2001 (Nov 1, 2000- Oct 31, 2001)

HOVENWEEP NATIONAL MONUMENT

ID	NAME	WD	S	U/1	Amount	U/2	Amount	Total/AF	NUC	Date Observed	COMMENT
975	HOLLY HOUSE SPRING	32	1	1	not flowing	w		N/A		September 11, 2001	Could not locate spring site
976	HORSESHOE HOUSE SPRING #1	32	1	1	pool	w		0.23		September 11, 2001	Area of water-dependent vegetation is approximately 0.09 acres. Includes hackberry and rabbitbrush
977	HORSESHOE HOUSE SPRING #2	32	1	1	N/A	w		N/A		September 11, 2001	Did not visit this site. Will try to determine accurate location in water year 2002.
978	HORSESHOE HOUSE SPRING #3	32	1	1	flowing	w		0.03		September 11, 2001	Area of water-dependent vegetation is approximately 0.012 acres. Includes various wetland grasses.
979	HORSESHOE HOUSE SPRING #4	32	1	1	not flowing	w		0.06		September 11, 2001	Area of water-dependent vegetation is approximately 0.023 acres. Includes various wetland grasses.
980	HACKBERRY HOUSE SPRING #1	32	1	1	not flowing	w		0.46		September 11, 2001	Total area of water-dependent vegetation for Hackberry House springs 1 through 5 is 0.18 acres. Includes hackberry, cattails, grasses and cottonwood.
981	HACKBERRY HOUSE SPRING #2	32	1	1	not flowing	w		0.46		September 11, 2001	Total area of water-dependent vegetation for Hackberry House springs 1 through 5 is 0.18 acres. Includes hackberry, cattails, grasses and cottonwood.
982	HACKBERRY HOUSE SPRING #3	32	1	1	pool	w		0.46		September 11, 2001	Total area of water-dependent vegetation for Hackberry House springs 1 through 5 is 0.18 acres. Includes hackberry, cattails, grasses and cottonwood.
983	HACKBERRY HOUSE SPRING #4	32	1	1	flowing	w		0.46		September 11, 2001	Total area of water-dependent vegetation for Hackberry House springs 1 through 5 is 0.18 acres. Includes hackberry, cattails, grasses and cottonwood.
984	HACKBERRY HOUSE SPRING #5	32	1	1	not flowing	w		0.46		September 11, 2001	Total area of water-dependent vegetation for Hackberry House springs 1 through 5 is 0.18 acres. Includes hackberry, cattails, grasses and cottonwood.
985	GOODMAN POINT SPRING	32	1	1	flowing	w		8.48		September 11, 2001	Area of water-dependent vegetation is approximately 3.3 acres. Includes cottonwoods, rose, cattail, gooseberry, clamatis and thistle.
986	CUTTHROAT CASTLE SPRING	32	1	1	not flowing	w		0.28		September 11, 2001	Area of water-dependent vegetation is approximately 0.11 acres. Includes cottonwood and williows.
											Note: The total consumptive use for Hackberry House Springs 1 through 5 is 0.46 acre-ft/year

SIGNATURE Jeffrey C. Hughes 30 October 2001

HOVENWEEP NATIONAL MONUMENT
WATER RIGHTS SETTLEMENT AGREEMENT

This Agreement is made and entered into by the United States of America (United States) and the State of Utah (Utah).

RECITALS

A. Utah has initiated a statutory adjudication of water rights entitled, "In the Matter of the General Determination of rights to the Use of Water, both Surface and Underground, within the Drainage Area of the Colorado River in San Juan, Grand and Uintah Counties, Utah, and exclusive to the Green River Drainage," filed in Grand County Civil No. 810704477. This adjudication is commonly referred to as the Southeastern Utah Colorado River Adjudication and encompasses the Hovenweep National Monument within the San Juan River drainage (Area 09). The United States has not been served a summons in this adjudication and has not filed a Water User's Claim for the Monument. In order to remove causes of present and future controversy over use of water at Hovenweep National Monument, the United States and Utah have conducted negotiations regarding inchoate reserved water rights claims for Hovenweep National Monument, resulting in the present agreement.

B. These negotiations have resulted in the settlement of issues and recognition of the federal reserved water rights of the United States for Hovenweep National Monument, subject to certain conditions, as set forth herein.

AGREEMENT

NOW, THEREFORE, based on the mutual promises contained herein, the parties agree to the following:

1. Hovenweep National Monument was established by Presidential Proclamation No. 1654, 42 Stat. 2299, dated March 2, 1923; Presidential Proclamation No. 2924, 65 Stat. c8, dated April 26, 1951; Presidential Proclamation 2998, 65 Stat. c21, dated November 20, 1952; Presidential Proclamation 3132, 70 Stat. c26, dated April 6,1956; 16 U.S.C. § 431; and the National Park Service Establishment Act of August 25, 1916, 64 Stat. 535, 16 U.S.C. § 1, for the purposes of preserving and interpreting four groups of ruins including structures of the finest prehistoric masonry to be found in the United States, preserving the area for scientific research, protecting objects of historic and scientific interest, and pursuant to the National Park Service Establishment Act, for the conservation of "the scenery and the natural and historic objects and the wild life therein and to provide for the enjoyment of the same in such manner and by such means as will leave them unimpaired for the enjoyment of future generations." 16 U.S.C. § 1.

2. Subject to the provisions of paragraph 7 below, the United States has a reserved right to all water underlying, originating within or flowing through Hovenweep National Monument, including intermittent and ephemeral streams, springs, seeps, ground water, and other natural sources of water, pertaining or belonging to the reserved lands, that was unappropriated as of the dates of reservation of the lands now within the boundaries of the monument, which waters are to remain in a free flowing and natural condition, subject to present and future administrative uses necessary to fulfill reservation purposes and the conditions set forth in this agreement.

3. The aliquot part descriptions of these reserved lands are set forth in the applicable proclamations and legislation identified above, and in Appendix A. The date of priority for either in-situ or administrative uses of the United States' federal reserved water rights for Hovenweep National Monument will be the date on which the place of use was first reserved from the public domain for monument purposes.

4. The federal reserved water rights recognized hereby include all water rights of every nature and description derived from the federal reserved water rights doctrine, from all sources of water, both surface and underground, and includes all types and kinds of uses whatsoever, and encompasses all claims asserted by or through the United States for Hovenweep National Monument as now constituted. This federal reserved water right originates and is defined in Federal law. Absent future Congressional or Presidential action, the federal reserved water rights for the lands now constituting Hovenweep National Monument shall not be enlarged, expanded or re-quantified.

5. Appendix B, which is attached hereto and made part of this Agreement, lists the present diversion works and springs associated with federal reserved water rights on the lands reserved from the public domain at Hovenweep National Monument. The table shows the source of water, priority date, legal location, place of use, type of use, period of use, and existing diversion rate for each well and spring. The National Park Service may divert up to 8.0 acre-feet per annum and deplete up to 4.0 acre-feet per annum from within the exterior boundaries of Hovenweep National Monument, including the sources listed in Appendix B, to satisfy existing and future requirements for the operation, administration, and protection of Hovenweep National Monument, including but not limited to excavation, restoration and preservation of ruins and structures, construction of visitor facilities, domestic uses, campground purposes, irrigation, and fire suppression. In developing any waters set forth in this paragraph, the sources of water shall be within the boundaries of the Monument.

6. The United States agrees to provide at least 180 days prior written notice to the State Engineer before developing and/or using any new source of water, not described in Appendix B, for administrative purposes associated with this federal reserved water right.

Notification will include the location and means of diversion, the source, quantity and diversion rate of water, depth and diameter of well (if applicable), the nature of use, the anticipated date the water will be placed in use, and a map depicting the proposed development. This information will be publicly available.

7. Except for those federal reserved water rights used for administrative uses, as set forth in paragraph 5, the United States hereby expressly subordinates its federal reserved water rights for Hovenweep National Monument to all valid existing perfected water rights and approved applications with priority dates prior to January 1, 1998.

8. Utah shall establish ground-water protection zones to protect the flow of the springs for both the Square Tower and Cajon units as shown in Appendix C. The ground-water protection zone for the Square Tower unit will include Sections 8 and 9, the S1/2 of Section 15, Sections 16, 17, 18, 20, 21, and 22, Township 39 South, Range 26 East, SLB&M. The ground-water protection zone for the Cajon unit will include Section 16, the SE1/4 of Section 17, the NE1/4 of Section 20, and the N1/2 of Section 21, Township 40 South, Range 25 East, SLB&M.

9. New applications for wells applied for under state law and approved after the effective date of this agreement in both ground-water protection zones will be limited to a maximum individual well diversion rate of 0.015 cfs and a total annual withdrawal of 3.0 acre-feet. New applications filed for wells in the Square Tower ground-water protection zone will be required to perforate below and grout the annulus above the elevation of 5,100 feet above mean sea level (amsl); new applications filed for wells in the Cajon ground-water protection zone will be required to perforate below and grout the annulus above the elevation of 5,000 feet amsl. These protection measures will prevent the interception of ground water flowing to the Square Tower and Cajon springs.

10. The United States may, to the extent and upon proof that specific diversions developed in the future are causing or may cause specific and significant adverse impacts to an identifiable resource or resources of Hovenweep National Monument, seek enforcement of the rights described herein through State or Federal law. This notwithstanding, the rights described herein are subordinated to and shall be unenforceable against any water rights presently perfected or approved under State law with priority dates prior to January 1, 1998.

11. If any provision of this Agreement is found to be unlawful and of no effect, the remaining provisions shall remain in effect and fully binding on the parties, and if necessary, the parties hereto shall resume negotiations to revise any such unlawful provision.

12. Upon a proper showing of necessity, the provisions of this Agreement may be modified only upon the mutual consent of the parties to this Agreement, which consent shall not be unreasonably withheld.

13. Because of the unique nature of Hovenweep National Monument, nothing in this Agreement shall constitute an admission, waiver or precedent as to any party for any other federal reserved water right claim in the State of Utah.

14. Nothing in this Agreement shall be construed or interpreted to:

a. in any way affect the water rights of the United States in the Colorado River Basin within the Southeastern Utah Colorado River Adjudication for federal agencies and federal interests other than Hovenweep National Monument;

b. establish any standard to be used for the quantification of federal reserved water rights in any other judicial or administrative proceeding;

c. limit in any way the rights of the parties or any person to litigate any issue or question not resolved by this Agreement;

d. restrict the power of the United States to reserve water in the future, or to acquire additional rights to the use of water under the laws of Utah; or

e. restrict the power of Utah or the State Engineer to allocate, administer, or distribute the waters of the State.

15. The water rights of the United States, as set forth and quantified herein, shall be protected under State law in the same manner as any water right originating under State law, without losing its character as or the attributes of a federal reserved water right as provided under Federal law.

16. The provisions of this Agreement shall be taken into consideration by the State Engineer in acting upon applications, under State law, for new appropriations or change applications located within the protection zones or up gradient of Hovenweep National Monument and shall be afforded the same consideration in such proceedings as state appropriative rights; however, the United States shall have the primary responsibility for protecting its own rights and for filing appropriate protests in any proceedings before the State Engineer.

17. The United States and Utah agree that this agreement will define the United States' water rights for Hovenweep National Monument in the Southeastern Utah Colorado River Adjudication. The United States has not been served a summons in this adjudication. Upon service of the United States in the adjudication, Utah agrees to issue, within a reasonable time, a Proposed Determination which includes the water rights for Hovenweep National Monument. The parties hereto will cooperate to obtain an interlocutory decree on the Proposed Determination. If the parties hereto are not successful in securing the

interlocutory decree, this Agreement shall nevertheless remain binding as among the parties until a final decree is issued covering these water rights.

18. Upon written request from the United States, the State Engineer will provide information regarding new diversions of water near Hovenweep National Monument.

19. This Agreement is executed in duplicate. Each of the duplicate copies bearing original signatures shall be deemed an original.

It being resolved and agreed to as delineated above, the undersigned parties express their mutual agreement hereto this 24 day of April, 2000.

For the State of Utah:

Kathleen Clarke
Executive ~~Director~~, Department of Natural Resources

Robert L. Morgan,
State Engineer

Michael M. Quealy
Chief, Natural Resources
Attorney General's Office

John H. Mabey, Jr.
Assistant Attorney General

For the United States:

Palma Wilson
Superintendent
Hovenweep and Natural Bridges National Monuments

Jerry Banta
Superintendent
Southeast Utah Group

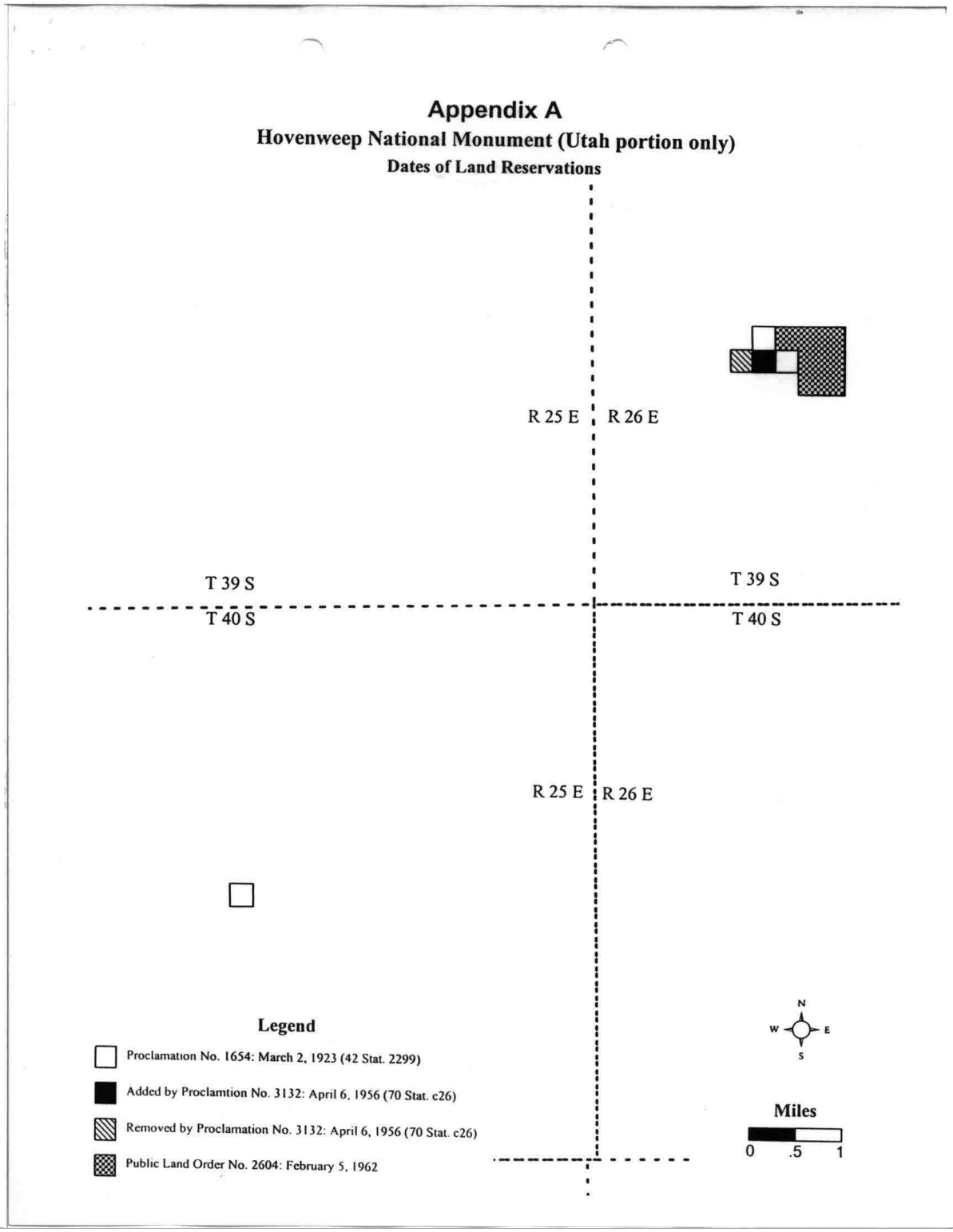
Andrew F. Walch
Department of Justice

A. Scott Loveless
Office of the Solicitor

Appendix A

Hovenweep National Monument (Utah portion only)

Dates of Land Reservations



APPENDIX B

CURRENTLY USED FEDERAL RESERVED WATER RIGHTS
HOVENWEEP NATIONAL MONUMENT

WUC No.	*Water Source*	*Diversion Works*	Priority Date	*Legal Location* (Salt Lake Basin and Meridian)	Place of Use	*Type of Use*	Period of Use	Current Diversion Rate (cfs)
09-317	Headquarter Well	8 In. Dia. Well - 1440 Ft. Deep	March 2, 1923	S. 1525 ft E. 1598 ft. from NW Cor. Sec. 21, T39S, R26E	Within the Exterior Boundaries of the Monument	Domestic and Other	01/01-12/31	.0557
N/A	Square Tower Spring	Spring	March 2, 1923	S. 1069 ft, W. 1030 ft from NE Cor. Sec. 20, T39S, R26E	Within the Exterior Boundaries of the Monument	Cultural Resources and Aesthetic Purposes	01/01-12/31	Not Applicable
N/A	Cajon Spring	Spring	March 2, 1923	S. 1045 ft, E. 757 ft from NW Cor. Sec. 12, T40S, R25E	Within the Exterior Boundaries of the Monument	Cultural Resources and Aesthetic Purposes	01/01-12/31	Not Applicable

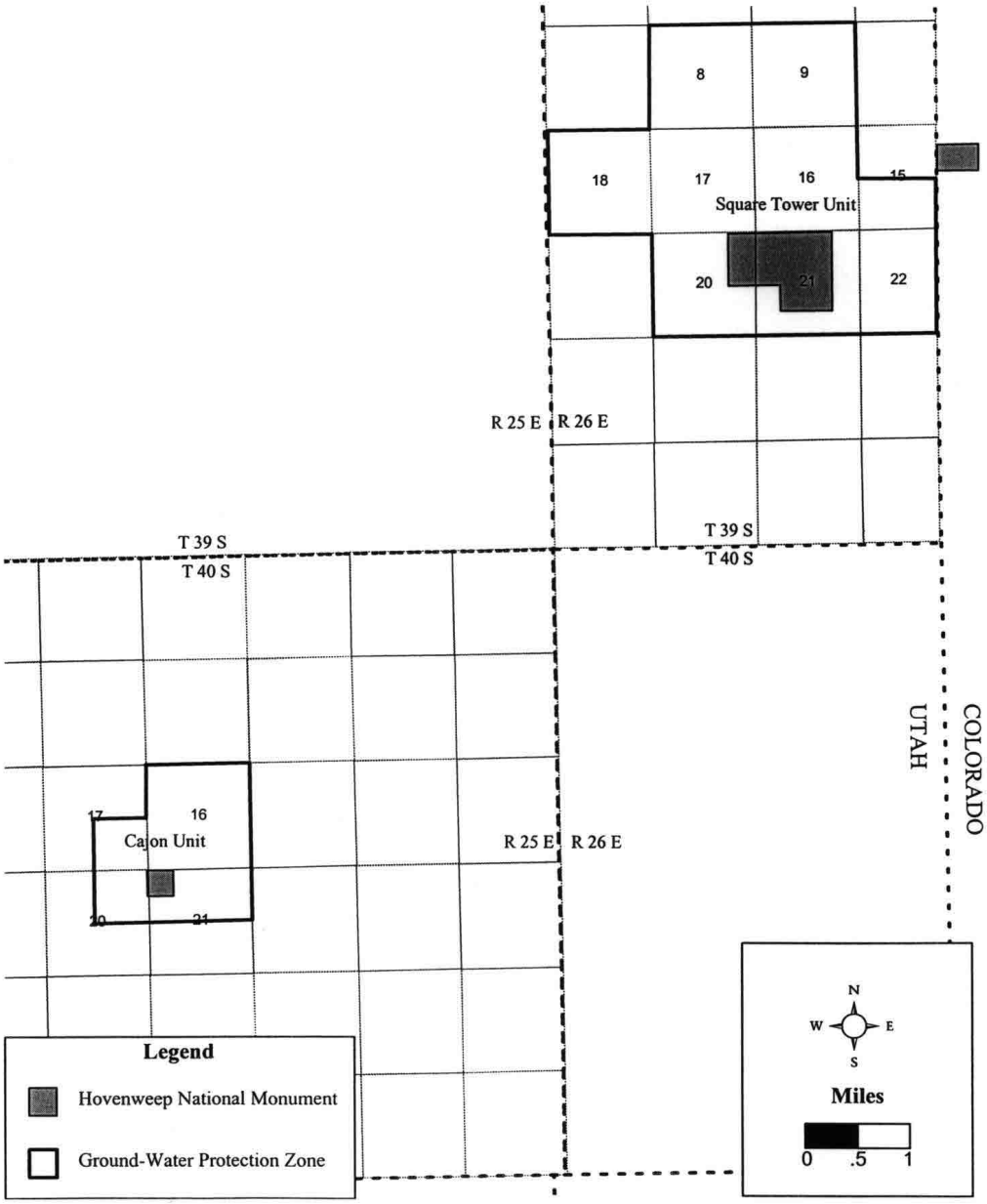
N/A - Not applicable. State has not assigned a number.

04-24-2000: Hovenweep National Monument Water Rights Settlement Agreement, p.10

Appendix C

Ground-Water Protection Zone

Square Tower and Cajon Units, Hovenweep National Monument



United States Department of the Interior

NATIONAL PARK SERVICE
Water Resources Division
1201 Oak Ridge Drive, Suite 250
Fort Collins, Colorado 80525-5596

IN REPLY REFER TO:

January 5, 2000

L54 (2380)
HOVE/Water Rights

Mr. Marty W. Robbins
Water Commissioner
Water District 32
Colorado Division of Water Resources
722 East Main
Cortez, CO 81321

Re: 1999 Water Use Report for Hovenweep National Monument

Dear Mr. Robbins:

Please find the attached water use report for water year 1999 for the reserved water rights for Hovenweep National Monument (Case No. W-1633-76A). We have prepared the table on legal sized paper as requested by Glen Humiston.

We would be glad to coordinate a meeting with the staff at Hovenweep to familiarize you with the springs. Please contact Bill Hansen, of my staff at (970) 225-3532 so he can coordinate the field visit with the Superintendent and also with any questions you may have about the report.

Sincerely,

Chuck W. Pettee
Chief, Water Rights Branch

Enclosure

Cc: HOVE– Superintendent
MEVE – Superintendent, Colyer
SEUG - Wood
SOL – Fahmy
DoJ - Johnson
(2380 via email) – McGlothlin

Water Use Report for Water Year 1999 - Hovenweep National Park, CO

Source of Water	Legal Description	Beneficial Uses	Amount Used (cfs)	Total Acre-Ft per Year	Day of First Use	Day of Last Use
Cutthroat Castle Spring	SWSE Sec 19, T37N, R19W	Veg., WL	0.01	7.2	Nov. 1, 1998	Oct. 31, 1999
Goodman Point Spring	SWNE Sec 4, T36N, R17W	Veg., WL	0.01	7.2	Nov. 1, 1998	Oct. 31, 1999
Hackberry House Spring #1	SENW Sec 2, T36N, R20W	Veg., WL	0.01	7.2	Nov. 1, 1998	Oct. 31, 1999
Hackberry House Spring #2	SENW Sec 2, T36N, R20W	Veg., WL	0.01	7.2	Nov. 1, 1998	Oct. 31, 1999
Hackberry House Spring #3	SENW Sec 2, T36N, R20W	Veg., WL	0.01	7.2	Nov. 1, 1998	Oct. 31, 1999
Hackberry House Spring #4	SENW Sec 2, T36N, R20W	Veg., WL	0.01	7.2	Nov. 1, 1998	Oct. 31, 1999
Hackberry House Spring #5	SENW Sec 2, T36N, R20W	Veg., WL	0.01	7.2	Nov. 1, 1998	Oct. 31, 1999
Holly House Spring	SWSE Sec 3, T36N, R20W	Veg., WL	0.01	7.2	Nov. 1, 1998	Oct. 31, 1999
Horseshoe House Spring #1	SWNW Sec 2, T36N, R20W	Veg., WL	0.01	7.2	Nov. 1, 1998	Oct. 31, 1999
Horseshoe House Spring #2	SWNW Sec 2, T36N, R20W	Veg., WL	0.01	7.2	Nov. 1, 1998	Oct. 31, 1999
Horseshoe House Spring #3	SWNW Sec 2, T36N, R20W	Veg., WL	0.01	7.2	Nov. 1, 1998	Oct. 31, 1999
Horseshoe House Spring #4	SWNW Sec 2, T36N, R20W	Veg., WL	0.01	7.2	Nov. 1, 1998	Oct. 31, 1999

Veg., WL – In-situ consumption for the maintenance of riparian vegetation and incidental wildlife use for the protection and interpretation of the prehistoric ruins and inhabitants.

Wm. R. Hansen

Report Prepared by William R. Hansen
NPS Adjudications Program Leader

1/5/00

Date

01-05-2000: NPS Report of Water Use for Water Year 1999 (letter + table), p.2

U.S. Department of Justice

Environment and Natural Resources Division

90-1-2-1425

Lorrin C. Dyer, Legal Secretary
U.S. Department of Justice
Environment and Natural Resources Division
General Litigation Section
999 18th Street, Suite 945
Denver, Colorado 80202

Telephone: (303) 312-7313
Facsimile: (303) 312-7331
lorrin.dyer@usdoj.gov

August 7, 1997

Peter Fahmy
Solicitor's Office
755 Parfet Street, Suite 151
Lakewood, Colorado 80215

Bill Hansen
National Park Service
1201 Oak Ridge
Fort Collins, Colorado 80525

Re: Water Division No. 7, Case Nos.: W-1633-76 and W-1633-76A

Dear Sirs:

Enclosed please find the file stamped copies of the executed Decrees by the Water Judge dated 7/31/97 regarding the above matter for your information and files.

Please note that the water clerk served copies of both executed Decrees to the appropriate parties.

Sincerely,

Lorrin C. Dyer
Secretary to Lynn Johnson

Enclosures

FILE

U.S. DEPT. OF JUSTICE
ENV. & NAT. RES. DIV.
DENVER, CO

DISTRICT COURT, WATER DIVISION NO. 7, STATE OF COLORADO

CASE NO. W-1633-76A

97 AUG -6 AM 10: 06

FILED
IN DISTRICT COURT, WATER DIVISION 7
1997
DURANGO, COLORADO
CLERK

FINDINGS OF FACT, CONCLUSIONS OF LAW AND DECREE

CONCERNING THE APPLICATION FOR WATER RIGHTS OF THE UNITED STATES OF AMERICA IN THE COUNTY OF MONTEZUMA (Reserved Water Rights for Hovenweep National Monument)

THIS MATTER comes before the Court for entry of Findings of Fact, Conclusions of Law and Decree on the application for reserved water rights at Hovenweep National Monument. The Court, having examined the records and files herein, having taken testimony where such testimony was necessary, and being now fully and sufficiently advised in the premises, hereby makes the following Findings of Fact, Conclusions of Law and Decree:

FINDINGS OF FACT

1. Pursuant to the McCarran Amendment, 43 U.S.C. §666, the United States of America filed an application for water rights at the Hovenweep National Monument, Mesa Verde National Park and Yucca House National Monument, on December 30, 1976, which was assigned Case No. W-1633-76. An amended application for reserved water rights at Hovenweep National Monument was filed on February 2, 1977 and was assigned Case No. W-1633-76A.

2. The following Objectors timely filed Statements of Opposition in Case No. W-1633-76:

City and County of Denver
State of Colorado, Department of Natural Resources
Dolores Water Conservancy District
Southwestern Water Conservation District
Florida Water Conservancy District
La Plata Water Conservancy District
Mancos Water Conservancy District
Summit Reservoir and Irrigation Co.
Colorado River Water Conservation District
Town of Rico
City of Cortez
Town of Dolores
Town of Dove Creek
Montezuma Valley Irrigation Co.
Dolores Flood Control District

All of the Objectors, with the exception of the Dolores Flood Control District, have stipulated to the entry of this Findings of Fact, Conclusions of Law and Decree ("Decree") or withdrawn their Statement of Opposition. As stated in the Affidavit filed

concurrently with this Decree, the United States was unable to locate present counsel for the Dolores Flood Control District or confirm that it is still in existence.

3. The name, address and telephone number of the applicant:

United States of America
% U.S. Department of Justice
999 18th Street, Suite 945
Denver, CO 80202
(303) 312-7300

4. In its application, the United States:

a. claims reserved rights in the Hovenweep National Monument to "all water in, on, under, adjacent to, or otherwise appurtenant to the land . . ., tributary or non-tributary," described by Proclamation No. 1654 of March 2, 1923 (42 Stat. 2299); amended by Proclamation No. 2924 of April 26, 1951 (65 Stat. c8); Proclamation No. 2998 of November 20, 1952 (67 Stat. c21); and Proclamation No. 3132 of April 6, 1956 (70 Stat. c26) with priority dates as of the dates these lands were withdrawn from the public domain.

b. claims reserved water rights for the following uses:

for the preservation from injury or spoliation of the ruins and other works and relics of prehistoric and primitive man within said monument; recreation, domestic uses; municipal and administrative site uses; irrigation; stock grazing and watering; the development, conservation and management of resident and migratory wildlife and wildlife resources, the terms wildlife and wildlife resources to include birds and mammals, and all other classes of wild animals and all types of aquatic and land vegetation upon which wildlife is dependent; fire fighting and protection, forest growth, management, improvement and protection; commercial drinking and sanitary uses; road watering, watershed protection and management; wilderness preservation, flood, soil erosion control; preservation of educational, historic, scientific, scenic, aesthetic and other public values and habitat protection and management.

c. claims reserved water rights from the following sources and in the following amounts: that quantity "of surface, ground and underground waters, tributary and non-tributary, which are situated in this Water Division and are located in, on, under adjacent or otherwise appurtenant to" the reservation, and which are, or will become necessary to fulfill the present and future purposes for which the reservation was created.

5. The Hovenweep National Monument was established pursuant to the Antiquities Act, 16 U.S.C. § 431, by Proclamation No. 1654 of March 2, 1923 (42 Stat. 2299), for the purpose of protecting and preserving "four groups of ruins, including prehistoric structures, the majority of which belong to unique types not found in other National Monuments, and show the finest prehistoric masonry in the United States". Proclamation No. 2924 of April 26, 1951 (65 Stat. c8) reserved additional lands, described therein, containing additional ruins. Proclamation No. 2998 of November 20, 1952 (67 Stat. c21) reserved additional lands, described therein, containing "very important archeological sites, including small pueblos and an exceptional and significant great kiva . . . which kiva has never been excavated by archaeologists or vandalized by unauthorized digging." Proclamation No. 3132 of April 6, 1956 (70 Stat. c26) added certain lands, described therein, containing certain other ruins. The respective reservations are shown in Exhibit A, the map attached hereto and made a part hereof.

6. There are numerous springs located on the lands reserved from the public domain in Hovenweep National Monument. These springs served as sources of water and food for the prehistoric inhabitants of the land now comprising Hovenweep National Monument. The springs are integral components of the prehistoric masonry structures. The prehistoric structures include the remains of water management systems including spring developments, cisterns and irrigation ditches. The continued flow of these springs is necessary for the protection and interpretation of the ruins, including prehistoric masonry structures, sought to be preserved by the respective proclamations.

7. Exhibit B (IN SITU USES FOR SPRINGS AT HOVENWEEP NATIONAL MONUMENT), which is attached hereto and made a part hereof, lists the springs located on the lands reserved from the public domain at Hovenweep National Monument by number, name, legal location, and amount of water necessary for the purposes for which Hovenweep National Monument was reserved. The springs identified in Exhibit B will be utilized for in situ uses that include the protection and interpretation of the ruins and the interpretation of the life of the prehistoric inhabitants.

8. In addition to the foregoing requirements for water within Hovenweep National Monument, the National Park Service needs reserved water rights of 8.0 acre-feet per annum to satisfy future requirements for the operation, administration, and protection of

the Hovenweep National Monument, including but not limited to such uses as, the excavation, restoration and preservation of ruins and structures; construction of visitor facilities, staff and visitor domestic uses, and fire suppression. This water is necessary to fulfill the primary purposes of Hovenweep National Monument and is to be developed from any water in, on, under, adjacent or otherwise appurtenant to lands described by Proclamation No. 1654 of March 2, 1923 (42 Stat. 2299); amended by Proclamation No. 2924 of April 26, 1951 (65 Stat. c8); Proclamation No. 2998 of November 20, 1952 (67 Stat. c21); and Proclamation No. 3132 of April 6, 1956 (70 Stat. c26).

CONCLUSIONS OF LAW

9. All notices required by law for filing and publication of the application in the Resume of Water Division No. 7 have been fulfilled and the Court has jurisdiction over the subject matter and all parties whether or not they appeared. The time for filing Statements of Opposition has expired.

10. The primary purposes of the Hovenweep National Monument are as stated in Proclamation No. 1654 (42 Stat. 2299), Proclamation No. 2924 (65 Stat. c8), Proclamation No. 2998 (67 Stat. c21), and Proclamation No. 3132 (70 Stat. c26) to wit: "the protection and preservation of four groups of ruins including structures of the finest prehistoric masonry to be found in the United States" and for the protection, preservation and interpretation of the ruins and archeological sites described in each of the proclamations.

11. Under the federal reserved rights doctrine, the United States has the following reserved water rights with the following priority dates to meet the present and future needs for water necessary to fulfill the primary purposes of Hovenweep National Monument. Arizona v. California, 373 U.S. 546, 600 (1963); Cappaert v. United States, 426 U.S. 128, 138 (1976); United States v. Denver, 656 P.2d 1, 34-35 (Colo. 1982).

a. The United States has reserved water rights for the springs described in Findings of Fact Nos. 6 & 7 and Exhibit B for the protection and interpretation of the ruins, including prehistoric masonry structures, at Hovenweep National Monument. The priority dates are the dates of the reservation of the land containing the springs.

b. The United States has reserved water rights for 8.0 acre-feet of water per annum to satisfy future requirements for the operation, administration, and protection of the Hovenweep National Monument, including but not limited to such uses as, the excavation, restoration and preservation of ruins and structures; construction of visitor facilities; staff and visitor domestic uses; and fire suppression. The priority dates are the dates the

lands were withdrawn from the public domain.

12. The United States has demonstrated its entitlement to this decree as a matter of law.

DECREE

IT IS HEREBY ORDERED, ADJUDGED AND DECREED:

13. The Findings of Fact and Conclusions of Law contained herein are incorporated by reference and made a part of this Decree.

14. The United States is decreed reserved rights for the springs identified in Exhibit B, which is incorporated by reference and made a part of this decree, for use *in situ*, in the amounts stated in Exhibit B. This water is necessary to fulfill the primary purposes of Hovenweep National Monument as stated in Proclamation No. 1654 (42 Stat. 2299), Proclamation No. 2924 (65 Stat. c8), Proclamation No. 2998 (67 Stat. c21), and Proclamation No. 3132 (70 Stat. c26). The priority dates are the respective reservation dates as identified in Exhibit B.

15. The United States is decreed reserved rights in the amount of 8.0 acre-feet per annum for future uses for the operation, administration, and protection of Hovenweep National Monument, including but not limited to such uses as the excavation, restoration and preservation of ruins and structures; construction of visitor facilities, staff and visitor domestic use, and fire suppression. This water is necessary to fulfill the primary purposes of Hovenweep National Monument and may be developed from surface and/or ground water within the boundaries of Hovenweep National Monument. The priority dates are the dates of reservation associated with the location of the diversion.

16. This judgment and decree constitutes the final adjudication of all claims of the United States for reserved rights for the Hovenweep National Monument pursuant to Proclamation No. 1654 of March 2, 1923 (42 Stat. 2299); amended by Proclamation No. 2924 of April 26, 1951 (65 Stat. c8); Proclamation No. 2998 of November 20, 1952 (67 Stat. c21); and Proclamation No. 3132 of April 6, 1956 (70 Stat. c26) and any other applicable federal acts enacted prior to December 30, 1976.

17. Prior to the diversion and use of any surface water on land reserved from the public domain in Hovenweep National Monument, the National Park Service shall provide the State Engineer the same information that would be required in an application for a surface water right. Whereupon, the State Engineer shall administer the use in accordance with this Decree.

18. Prior to constructing any well, the National Park Service shall provide the State Engineer the same information required of an applicant for a permit to construct a well. Upon receipt of the information required of an applicant for a permit to construct a well, the State Engineer shall issue a permit and administer the use in accordance with the terms of this decree.

19. Subject to the availability of funds, the United States shall install and maintain such water measurement devices, recording devices, content gauges and inlet and outlet measurement and recording devices, as the case may be, as are deemed essential by the Office of the State Engineer; provided, however, that such devices shall not be located so as to interfere with the purposes of Hovenweep National Monument; and further provided that the United States shall not be entitled to curtailment of other water rights for the benefit of any of the water rights decreed herein unless the United States has installed and is maintaining the measurement devices required pursuant to this paragraph.

20. Because this Decree was entered pursuant to agreement of the parties and the issues decided herein have not been litigated between the parties, the parties shall not be collaterally estopped from asserting any factual and/or legal issues in any other cases not involving these water rights. This Decree shall not be used, considered, or cited as precedent in any other case except and only to the extent that the rights decreed herein are at issue.

21. The water clerk shall serve a copy of this Decree upon the parties, the Division Engineer, Water Division No. 7, and the State Engineer.

DATED this 31st day of July, 1997.

BY THE COURT:

TIMOTHY A. PATALAN, Water Judge
Water Division No. 7
State of Colorado

cc: K. Beegles (3)
H. Simpson
L. Johnson
W. Weiss
J. Sheftel
L. W. McDaniel
D. Hallford
P. Wells
C. Fossum
K. McCabe

00-00-0000: map of hovenweep national monument

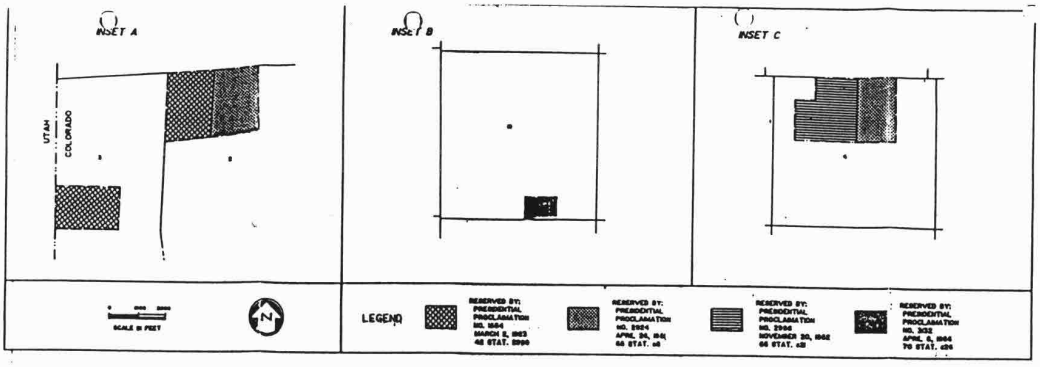
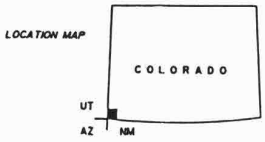
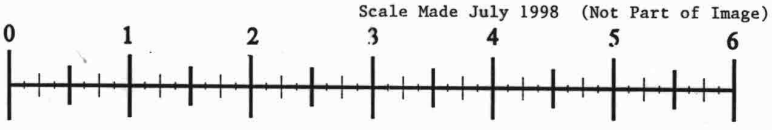


EXHIBIT A
HOVENWEEP NATIONAL MONUMENT
MONTEZUMA COUNTY, COLORADO



Scale Made July 1998 (Not Part of Image)



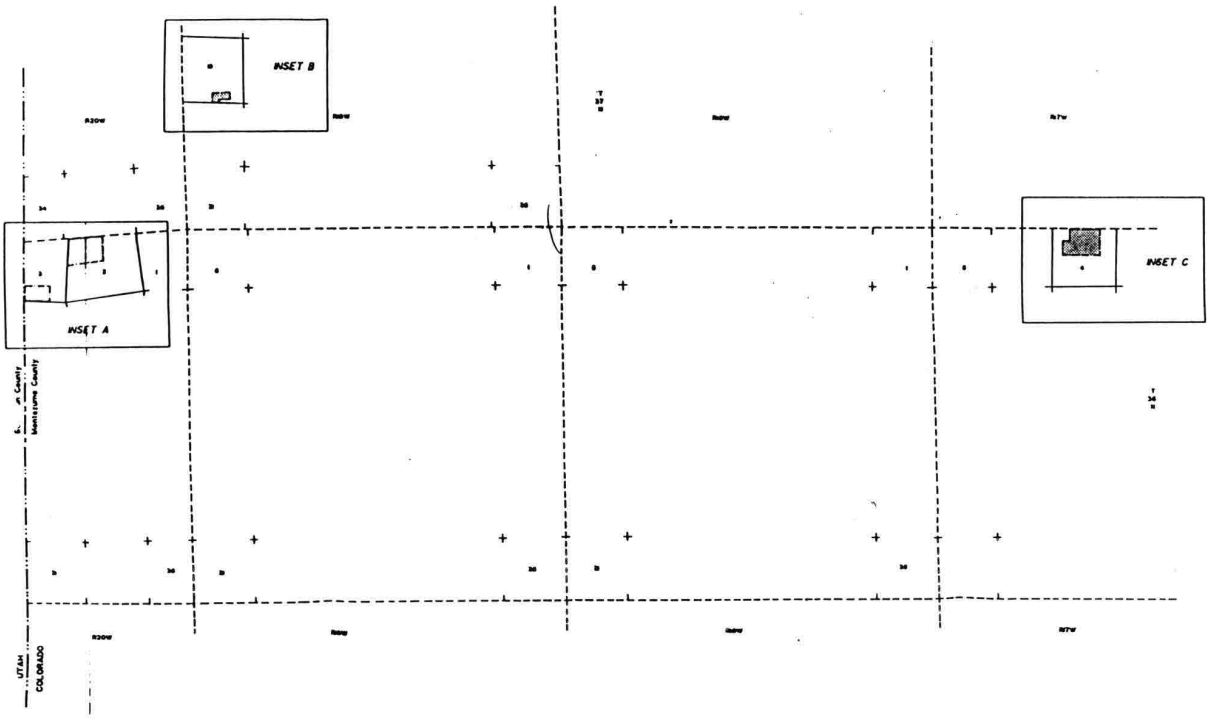

INSET B
INSET A
INSET C
R20W
R19W
UTAH
COLORADO

EXHIBIT B
IN SITU USES FOR SPRINGS AT HOVENWEEP NATIONAL MONUMENT

The following springs are located on lands reserved by Proclamation No. 1654 of March 2, 1923:

Spr. #	Source Name	Legal Description	Amount (cfs)
1	Holly House Spring	SWSES3T36NR20W	0.01
2	Horseshoe House Spring #1	SWNWS2T36NR20W	0.01
3	Horseshoe House Spring #2	SWNWS2T36NR20W	0.01
4	Horseshoe House Spring #3	SWNWS2T36NR20W	0.01
5	Horseshoe House Spring #4	SWNWS2T36NR20W	0.01

The following springs are located on lands reserved by Proclamation No. 2924 of April 26, 1951:

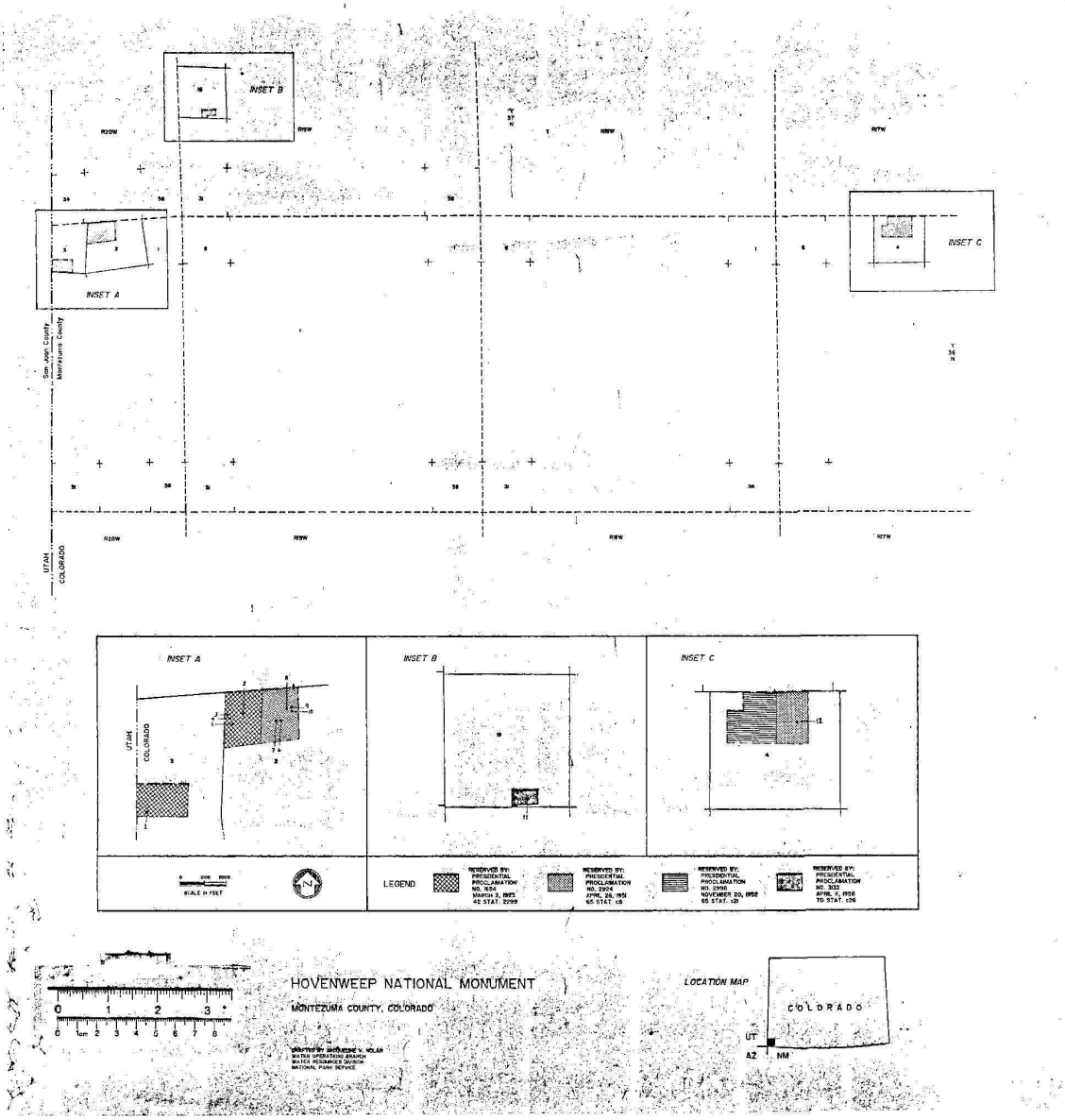
Spr. #	Source Name	Legal Description	Amount (cfs)
6	Hackberry House Spring #1	SENWS2T36NR20W	0.01
7	Hackberry House Spring #2	SENWS2T36NR20W	0.01
8	Hackberry House Spring #3	SENWS2T36NR20W	0.01
9	Hackberry House Spring #4	SENWS2T36NR20W	0.01
10	Hackberry House Spring #5	SENWS2T36NR20W	0.01
12	Goodman Point Spring	SWNES4T36NR17W	0.01

The following spring is located on lands reserved by Proclamation No. 3132 of April 6, 1956:

Spr. #	Source Name	Legal Description	Amount (cfs)
11	Cutthroat Castle Spring	SWSES19T37NR19W	0.01

NOTE: Legal descriptions are defined as the quarter section of the quarter section of a given section, township, and range (i.e., SWSES3T36NR20W). All townships are north of the Base Line which extends across New Mexico (between 34 and 35 degrees latitude), and all ranges are west of the New Mexico Principal Meridian.

00-00-0000: location maps of hovenweep



IN THE DISTRICT COURT IN AND FOR

WATER DIVISION NO. 7

STATE OF COLORADO

Case No. W-1633-76A

IN THE MATTER OF THE APPLICATION FOR WATER RIGHTS OF THE UNITED STATES OF AMERICA IN WATER DIVISION NO. 7, SAN JUAN RIVER DRAINAGE, STATE OF COLORADO.	AMENDED APPLICATION OF THE UNITED STATES OF AMERICA FOR RESERVED WATER RIGHTS (NATIONAL PARK SERVICE) HOVENWEEP NATIONAL MONUMENT

1. Name of Applicant: United States of America

Address of Applicant: c/o Hank Meshorer
Trial Attorney
Department of Justice
Land and Natural Resources Division
Post Office Box 1656
Denver, Colorado 80201

2. The United States of America seeks confirmation of its reserved rights to the use of water on lands owned by it within Water Division No. 7, San Juan River drainage, which rights are hereinafter described:

Reserved rights in Hovenweep National Monument

(a) Source of water:

(1) All water in, on, under, adjacent or otherwise appurtenant to the land described in the attached Exhibits A1 thru A5, tributary or non-tributary, which Exhibits are attached hereto and by this reference incorporated herein as if set forth verbatim.

(b) Dates of Priority: The United States claims a right to the use of water in, on, under, adjacent or otherwise appurtenant to the National Park Service lands for National Monument purposes with priority dates as of the dates these lands were withdrawn from the Public Domain for National Monument purposes as shown in Exhibits A1 thru A5.

(c) Amount and uses claimed: The United States of America hereby claims certain quantities of surface, ground and underground waters, tributary and non-tributary, which waters are situated within this Water Division and are located in, on, under, adjacent or otherwise appurtenant to this reservation. The United States claims direct water rights, storage water rights, transportation rights and well rights to such quantities of water, unappropriated as of the reservation dates, as are or will become reasonably necessary to fulfill the present and future purposes for which said reservation was created, or said lands or waters were withdrawn from the Public Domain, such purposes including, but not by way of limitation: preservation from injury or spoilation of the ruins and other works and relics of pre-historic or primative man within said monument; recreation, domestic uses; municipal and administrative site uses; irrigation; stock grazing and watering; the development, conservation and management of resident and migratory wildlife and wildlife resources, the terms wildlife and wildlife resources include birds and mammals, and all other classes of wild animals and all types of aquatic and land vegetation upon which wildlife is dependent; fire fighting and protection, forest growth, management, improvement and protection; commercial, drinking and sanitary uses; road watering, watershed protection and management; wilderness preservation, flood, soil erosion control; preservation of educational, historic, scientific, scenic, aesthetic and other public values and habitat protection and management.

3. The United States claims priority dates earlier than the effective dates of priorities awarded by previous decrees within this Water Division, and seeks dates of priority which will antedate the adjudication dates of earlier decrees and adjudications 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.

4. The filing fees which accompany this application are paid under protest. The United States hereby claims reimbursement thereof on the ground that filing fees constitute "costs" within the meaning of 43 U.S.C.A., Section 666(a), and as such are not properly taxed against the government in water adjudication proceedings.

Respectfully submitted,

JAMES L. TREECE
United States Attorney

By Hank Meshorer
HANK MESHORER (Reg. No. 6977)
Trial Attorney, Department of Justice
Land and Natural Resouces Division
Post Office Box 1656
Denver, Colorado 80201

Telephone: 837-4961

STATE OF COLORADO)
) ss:
CITY AND COUNTY OF DENVER)

HANK MESHORER, 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.

Hank Meshorer
HANK MESHORER

Subscribed and sworn to before me this 2nd day of February, 1977.

My commission expires: May 16, 1980

Helen R. Roy
Notary Public

HOVENWEEP NATIONAL MONUMENT
WATER RIGHTS SETTLEMENT AGREEMENT

This Agreement is made and entered into by the United States of America (United States) and the State of Utah (Utah).

RECITALS

A. Utah has initiated a statutory adjudication of water rights entitled, "In the Matter of the General Determination of rights to the Use of Water, both Surface and Underground, within the Drainage Area of the Colorado River in San Juan, Grand and Uintah Counties, Utah, and exclusive to the Green River Drainage," filed in Grand County Civil No. 810704477. This adjudication is commonly referred to as the Southeastern Utah Colorado River Adjudication and encompasses the Hovenweep National Monument within the San Juan River drainage (Area 09). The United States has not been served a summons in this adjudication and has not filed a Water User's Claim for the Monument. In order to remove causes of present and future controversy over use of water at Hovenweep National Monument, the United States and Utah have conducted negotiations regarding inchoate reserved water rights claims for Hovenweep National Monument, resulting in the present agreement.

B. These negotiations have resulted in the settlement of issues and recognition of the federal reserved water rights of the United States for Hovenweep National Monument, subject to certain conditions, as set forth herein.

AGREEMENT

NOW, THEREFORE, based on the mutual promises contained herein, the parties agree to the following:

1. Hovenweep National Monument was established by Presidential Proclamation No. 1654, 42 Stat. 2299, dated March 2, 1923; Presidential Proclamation No. 2924, 65 Stat. c8, dated April 26, 1951; Presidential Proclamation 2998, 65 Stat. c21, dated November 20, 1952; Presidential Proclamation 3132, 70 Stat. c26, dated April 6,1956; 16 U.S.C. § 431; and the National Park Service Establishment Act of August 25, 1916, 64 Stat. 535, 16 U.S.C. § 1, for the purposes of preserving and interpreting four groups of ruins including structures of the finest prehistoric masonry to be found in the United States, preserving the area for scientific research, protecting objects of historic and scientific interest, and pursuant to the National Park Service Establishment Act, for the conservation of "the scenery and the natural and historic objects and the wild life therein and to provide for the enjoyment of the same in such manner and by such means as will leave them unimpaired for the enjoyment of future generations." 16 U.S.C. § 1.

2. Subject to the provisions of paragraph 7 below, the United States has a reserved right to all water underlying, originating within or flowing through Hovenweep National Monument, including intermittent and ephemeral streams, springs, seeps, ground water, and other natural sources of water, pertaining or belonging to the reserved lands, that was unappropriated as of the dates of reservation of the lands now within the boundaries of the monument, which waters are to remain in a free flowing and natural condition, subject to present and future administrative uses necessary to fulfill reservation purposes and the conditions set forth in this agreement.

3. The aliquot part descriptions of these reserved lands are set forth in the applicable proclamations and legislation identified above, and in Appendix A. The date of priority for either in-situ or administrative uses of the United States' federal reserved water rights for Hovenweep National Monument will be the date on which the place of use was first reserved from the public domain for monument purposes.

4. The federal reserved water rights recognized hereby include all water rights of every nature and description derived from the federal reserved water rights doctrine, from all sources of water, both surface and underground, and includes all types and kinds of uses whatsoever, and encompasses all claims asserted by or through the United States for Hovenweep National Monument as now constituted. This federal reserved water right originates and is defined in Federal law. Absent future Congressional or Presidential action, the federal reserved water rights for the lands now constituting Hovenweep National Monument shall not be enlarged, expanded or re-quantified.

5. Appendix B, which is attached hereto and made part of this Agreement, lists the present diversion works and springs associated with federal reserved water rights on the lands reserved from the public domain at Hovenweep National Monument. The table shows the source of water, priority date, legal location, place of use, type of use, period of use, and existing diversion rate for each well and spring. The National Park Service may divert up to 8.0 acre-feet per annum and deplete up to 4.0 acre-feet per annum from within the exterior boundaries of Hovenweep National Monument, including the sources listed in Appendix B, to satisfy existing and future requirements for the operation, administration, and protection of Hovenweep National Monument, including but not limited to excavation, restoration and preservation of ruins and structures, construction of visitor facilities, domestic uses, campground purposes, irrigation, and fire suppression. In developing any waters set forth in this paragraph, the sources of water shall be within the boundaries of the Monument.

6. The United States agrees to provide at least 180 days prior written notice to the State Engineer before developing and/or using any new source of water, not described in Appendix B, for administrative purposes associated with this federal reserved water right.

Notification will include the location and means of diversion, the source, quantity and diversion rate of water, depth and diameter of well (if applicable), the nature of use, the anticipated date the water will be placed in use, and a map depicting the proposed development. This information will be publicly available.

7. Except for those federal reserved water rights used for administrative uses, as set forth in paragraph 5, the United States hereby expressly subordinates its federal reserved water rights for Hovenweep National Monument to all valid existing perfected water rights and approved applications with priority dates prior to January 1, 1998.

8. Utah shall establish ground-water protection zones to protect the flow of the springs for both the Square Tower and Cajon units as shown in Appendix C. The ground-water protection zone for the Square Tower unit will include Sections 8 and 9, the S1/2 of Section 15, Sections 16, 17, 18, 20, 21, and 22, Township 39 South, Range 26 East, SLB&M. The ground-water protection zone for the Cajon unit will include Section 16, the SE1/4 of Section 17, the NE1/4 of Section 20, and the N1/2 of Section 21, Township 40 South, Range 25 East, SLB&M.

9. New applications for wells applied for under state law and approved after the effective date of this agreement in both ground-water protection zones will be limited to a maximum individual well diversion rate of 0.015 cfs and a total annual withdrawal of 3.0 acre-feet. New applications filed for wells in the Square Tower ground-water protection zone will be required to perforate below and grout the annulus above the elevation of 5,100 feet above mean sea level (amsl); new applications filed for wells in the Cajon ground-water protection zone will be required to perforate below and grout the annulus above the elevation of 5,000 feet amsl. These protection measures will prevent the interception of ground water flowing to the Square Tower and Cajon springs.

10. The United States may, to the extent and upon proof that specific diversions developed in the future are causing or may cause specific and significant adverse impacts to an identifiable resource or resources of Hovenweep National Monument, seek enforcement of the rights described herein through State or Federal law. This notwithstanding, the rights described herein are subordinated to and shall be unenforceable against any water rights presently perfected or approved under State law with priority dates prior to January 1, 1998.

11. If any provision of this Agreement is found to be unlawful and of no effect, the remaining provisions shall remain in effect and fully binding on the parties, and if necessary, the parties hereto shall resume negotiations to revise any such unlawful provision.

12. Upon a proper showing of necessity, the provisions of this Agreement may be modified only upon the mutual consent of the parties to this Agreement, which consent shall not be unreasonably withheld.

13. Because of the unique nature of Hovenweep National Monument, nothing in this Agreement shall constitute an admission, waiver or precedent as to any party for any other federal reserved water right claim in the State of Utah.

14. Nothing in this Agreement shall be construed or interpreted to:

a. in any way affect the water rights of the United States in the Colorado River Basin within the Southeastern Utah Colorado River Adjudication for federal agencies and federal interests other than Hovenweep National Monument;

b. establish any standard to be used for the quantification of federal reserved water rights in any other judicial or administrative proceeding;

c. limit in any way the rights of the parties or any person to litigate any issue or question not resolved by this Agreement;

d. restrict the power of the United States to reserve water in the future, or to acquire additional rights to the use of water under the laws of Utah; or

e. restrict the power of Utah or the State Engineer to allocate, administer, or distribute the waters of the State.

15. The water rights of the United States, as set forth and quantified herein, shall be protected under State law in the same manner as any water right originating under State law, without losing its character as or the attributes of a federal reserved water right as provided under Federal law.

16. The provisions of this Agreement shall be taken into consideration by the State Engineer in acting upon applications, under State law, for new appropriations or change applications located within the protection zones or up gradient of Hovenweep National Monument and shall be afforded the same consideration in such proceedings as state appropriative rights; however, the United States shall have the primary responsibility for protecting its own rights and for filing appropriate protests in any proceedings before the State Engineer.

17. The United States and Utah agree that this agreement will define the United States' water rights for Hovenweep National Monument in the Southeastern Utah Colorado River Adjudication. The United States has not been served a summons in this adjudication. Upon service of the United States in the adjudication, Utah agrees to issue, within a reasonable time, a Proposed Determination which includes the water rights for Hovenweep National Monument. The parties hereto will cooperate to obtain an interlocutory decree on the Proposed Determination. If the parties hereto are not successful in securing the

interlocutory decree, this Agreement shall nevertheless remain binding as among the parties until a final decree is issued covering these water rights.

18. Upon written request from the United States, the State Engineer will provide information regarding new diversions of water near Hovenweep National Monument.

19. This Agreement is executed in duplicate. Each of the duplicate copies bearing original signatures shall be deemed an original.

It being resolved and agreed to as delineated above, the undersigned parties express their mutual agreement hereto this 24 day of April, 2000.

For the State of Utah:

Kathleen Clarke
Executive Director, Department of Natural Resources

Robert L. Morgan,
State Engineer

Michael M. Quealy
Chief, Natural Resources
Attorney General's Office

John H. Mabey, Jr.
Assistant Attorney General

For the United States:

Palma Wilson
Superintendent
Hovenweep and Natural Bridges National Monuments

Jerry Banta
Superintendent
Southeast Utah Group

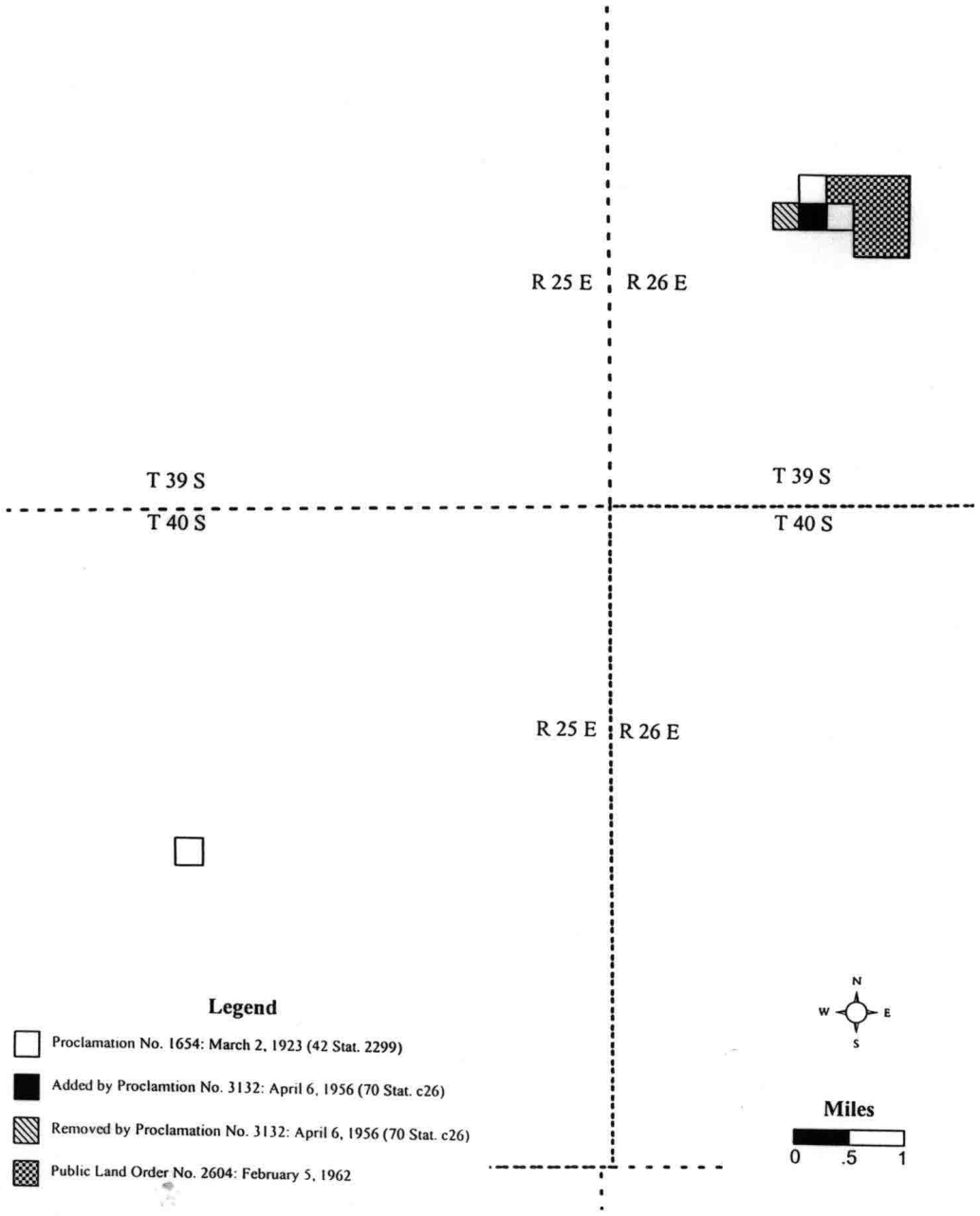
Andrew F. Walch
Department of Justice

A. Scott Loveless
Office of the Solicitor

Appendix A

Hovenweep National Monument (Utah portion only)

Dates of Land Reservations



APPENDIX B

CURRENTLY USED FEDERAL RESERVED WATER RIGHTS
HOVENWEEP NATIONAL MONUMENT

WUC No.	*Water Source*	*Diversion Works*	Priority Date	*Legal Location* (Salt Lake Basin and Meridian)	Place of Use	*Type of Use*	Period of Use	Current Diversion Rate (cfs)
09-317	Headquarter Well	8 In. Dia. Well – 1440 Ft. Deep	March 2, 1923	S. 1525 ft E. 1598 ft. from NW Cor. Sec. 21, T39S, R26E	Within the Exterior Boundaries of the Monument	Domestic and Other	01/01-12/31	.0557
N/A	Square Tower Spring	Spring	March 2, 1923	S. 1069 ft, W. 1030 ft from NE Cor. Sec. 20, T39S, R26E	Within the Exterior Boundaries of the Monument	Cultural Resources and Aesthetic Purposes	01/01-12/31	Not Applicable
N/A	Cajon Spring	Spring	March 2, 1923	S. 1045 ft, E. 757 ft from NW Cor. Sec. 12, T40S, R25E	Within the Exterior Boundaries of the Monument	Cultural Resources and Aesthetic Purposes	01/01-12/31	Not Applicable

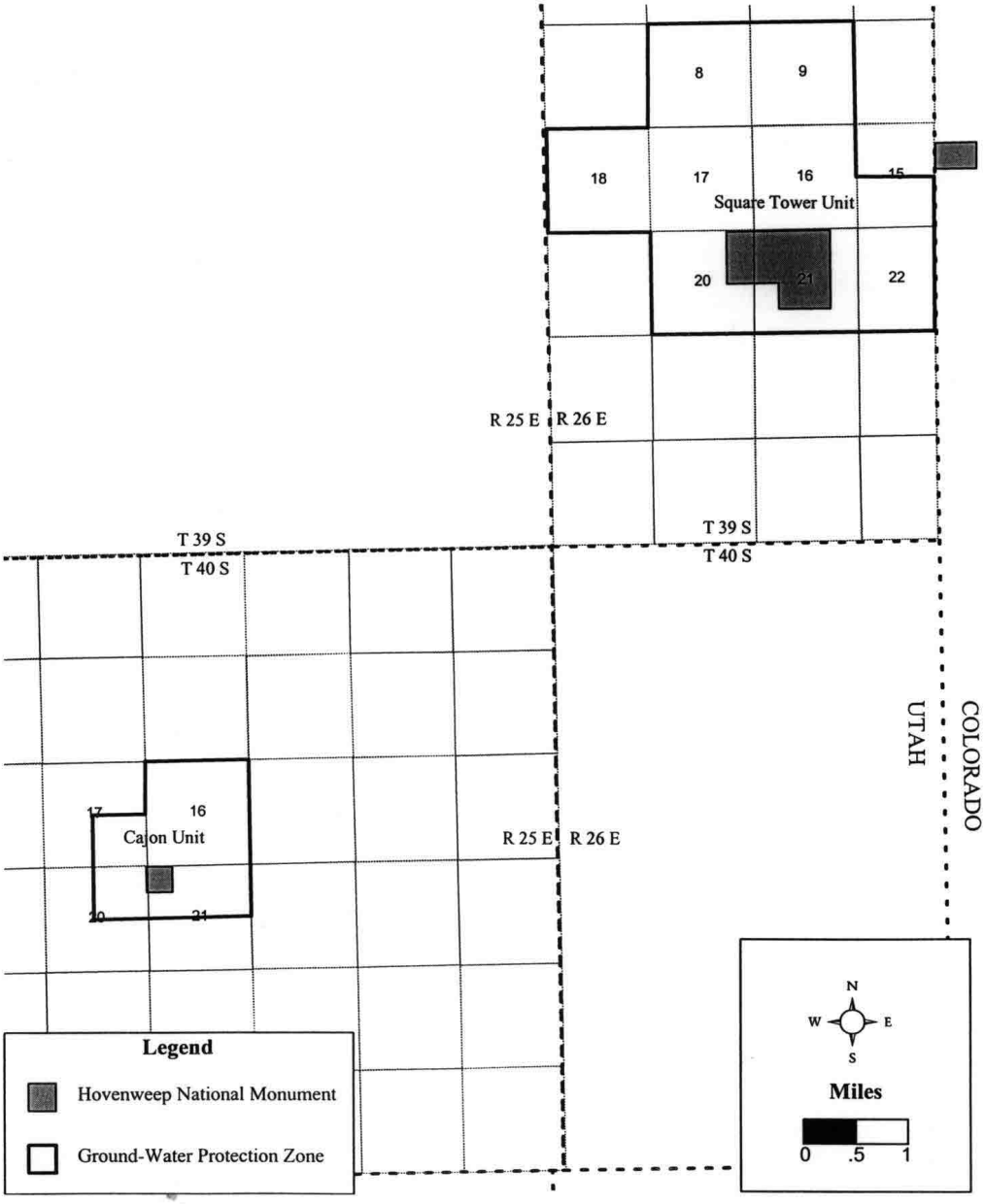
N/A – Not applicable. State has not assigned a number.

04-24-2000: water rights settlement agreement with the state of utah, page 10cont

Appendix C

Ground-Water Protection Zone

Square Tower and Cajon Units, Hovenweep National Monument



04-24-2000: letter to mr. marty w robbins, water commissioner, water district 32, co from chuck pettee, water rights branch, nps re

United States Department of the Interior

NATIONAL PARK SERVICE
Water Resources Division
1201 Oak Ridge Drive, Suite 250
Fort Collins, Colorado 80525-5596

IN REPLY REFER TO:

January 5, 2000

L54 (2380)
HOVE/Water Rights

Mr. Marty W. Robbins
Water Commissioner
Water District 32
Colorado Division of Water Resources
722 East Main
Cortez, CO 81321

Re: 1999 Water Use Report for Hovenweep National Monument

Dear Mr. Robbins:

Please find the attached water use report for water year 1999 for the reserved water rights for Hovenweep National Monument (Case No. W-1633-76A). We have prepared the table on legal sized paper as requested by Glen Humiston.

We would be glad to coordinate a meeting with the staff at Hovenweep to familiarize you with the springs. Please contact Bill Hansen, of my staff at (970) 225-3532 so he can coordinate the field visit with the Superintendent and also with any questions you may have about the report.

Sincerely,

Chuck W. Pettee
Chief, Water Rights Branch

Enclosure

Cc: HOVE– Superintendent
MEVE – Superintendent, Colyer
SEUG - Wood
SOL – Fahmy
DoJ - Johnson
(2380 via email) – McGlothlin

Water Use Report for Water Year 1999 - Hovenweep National Park, CO

Source of Water	Legal Description	Beneficial Uses	Amount Used (cfs)	Total Acre-Ft per Year	Day of First Use	Day of Last Use
Cutthroat Castle Spring	SWSE Sec 19, T37N, R19W	Veg., WL	0.01	7.2	Nov. 1, 1998	Oct. 31, 1999
Goodman Point Spring	SWNE Sec 4, T36N, R17W	Veg., WL	0.01	7.2	Nov. 1, 1998	Oct. 31, 1999
Hackberry House Spring #1	SENW Sec 2, T36N, R20W	Veg., WL	0.01	7.2	Nov. 1, 1998	Oct. 31, 1999
Hackberry House Spring #2	SENW Sec 2, T36N, R20W	Veg., WL	0.01	7.2	Nov. 1, 1998	Oct. 31, 1999
Hackberry House Spring #3	SENW Sec 2, T36N, R20W	Veg., WL	0.01	7.2	Nov. 1, 1998	Oct. 31, 1999
Hackberry House Spring #4	SENW Sec 2, T36N, R20W	Veg., WL	0.01	7.2	Nov. 1, 1998	Oct. 31, 1999
Hackberry House Spring #5	SENW Sec 2, T36N, R20W	Veg., WL	0.01	7.2	Nov. 1, 1998	Oct. 31, 1999
Holly House Spring	SWSE Sec 3, T36N, R20W	Veg., WL	0.01	7.2	Nov. 1, 1998	Oct. 31, 1999
Horseshoe House Spring #1	SWNW Sec 2, T36N, R20W	Veg., WL	0.01	7.2	Nov. 1, 1998	Oct. 31, 1999
Horseshoe House Spring #2	SWNW Sec 2, T36N, R20W	Veg., WL	0.01	7.2	Nov. 1, 1998	Oct. 31, 1999
Horseshoe House Spring #3	SWNW Sec 2, T36N, R20W	Veg., WL	0.01	7.2	Nov. 1, 1998	Oct. 31, 1999
Horseshoe House Spring #4	SWNW Sec 2, T36N, R20W	Veg., WL	0.01	7.2	Nov. 1, 1998	Oct. 31, 1999

Veg., WL – In-situ consumption for the maintenance of riparian vegetation and incidental wildlife use for the protection and interpretation of the prehistoric ruins and inhabitants.

Wm. R. Hansen

Report Prepared by William R. Hansen
NPS Adjudications Program Leader

1/5/00
Date

01-05-2000: water use report for water year 1999

U.S. Department of Justice

Environment and Natural Resources Division

90-1-2-1425

Lorrin C. Dyer, Legal Secretary
U.S. Department of Justice
Environment and Natural Resources Division
General Litigation Section
999 18th Street, Suite 945
Denver, Colorado 80202

Telephone: (303) 312-7313
Facsimile: (303) 312-7331
lorrin.dyer@usdoj.gov

August 7, 1997

Peter Fahmy
Solicitor's Office
755 Parfet Street, Suite 151
Lakewood, Colorado 80215

Bill Hansen
National Park Service
1201 Oak Ridge
Fort Collins, Colorado 80525

Re: Water Division No. 7, Case Nos.: W-1633-76 and W-1633-76A

Dear Sirs:

Enclosed please find the file stamped copies of the executed Decrees by the Water Judge dated 7/31/97 regarding the above matter for your information and files.

Please note that the water clerk served copies of both executed Decrees to the appropriate parties.

Sincerely,

Lorrin C. Dyer
Secretary to Lynn Johnson

Enclosures

FILE

U.S. DEPT. OF JUSTICE
ENV. & NAT. RES. DIV.
DENVER, CO

DISTRICT COURT, WATER DIVISION NO. 7, STATE OF COLORADO

CASE NO. W-1633-76A

97 AUG -6 AM 10:06

FILED
IN DISTRICT COURT, WATER DIVISION 7
1997
DURANGO, COLORADO
CLERK

FINDINGS OF FACT, CONCLUSIONS OF LAW AND DECREE

CONCERNING THE APPLICATION FOR WATER RIGHTS OF THE UNITED STATES OF AMERICA IN THE COUNTY OF MONTEZUMA (Reserved Water Rights for Hovenweep National Monument)

THIS MATTER comes before the Court for entry of Findings of Fact, Conclusions of Law and Decree on the application for reserved water rights at Hovenweep National Monument. The Court, having examined the records and files herein, having taken testimony where such testimony was necessary, and being now fully and sufficiently advised in the premises, hereby makes the following Findings of Fact, Conclusions of Law and Decree:

FINDINGS OF FACT

1. Pursuant to the McCarran Amendment, 43 U.S.C. §666, the United States of America filed an application for water rights at the Hovenweep National Monument, Mesa Verde National Park and Yucca House National Monument, on December 30, 1976, which was assigned Case No. W-1633-76. An amended application for reserved water rights at Hovenweep National Monument was filed on February 2, 1977 and was assigned Case No. W-1633-76A.

2. The following Objectors timely filed Statements of Opposition in Case No. W-1633-76:

City and County of Denver
State of Colorado, Department of Natural Resources
Dolores Water Conservancy District
Southwestern Water Conservation District
Florida Water Conservancy District
La Plata Water Conservancy District
Mancos Water Conservancy District
Summit Reservoir and Irrigation Co.
Colorado River Water Conservation District
Town of Rico
City of Cortez
Town of Dolores
Town of Dove Creek
Montezuma Valley Irrigation Co.
Dolores Flood Control District

All of the Objectors, with the exception of the Dolores Flood Control District, have stipulated to the entry of this Findings of Fact, Conclusions of Law and Decree ("Decree") or withdrawn their Statement of Opposition. As stated in the Affidavit filed

concurrently with this Decree, the United States was unable to locate present counsel for the Dolores Flood Control District or confirm that it is still in existence.

3. The name, address and telephone number of the applicant:

United States of America
% U.S. Department of Justice
999 18th Street, Suite 945
Denver, CO 80202
(303) 312-7300

4. In its application, the United States:

a. claims reserved rights in the Hovenweep National Monument to "all water in, on, under, adjacent to, or otherwise appurtenant to the land . . ., tributary or non-tributary," described by Proclamation No. 1654 of March 2, 1923 (42 Stat. 2299); amended by Proclamation No. 2924 of April 26, 1951 (65 Stat. c8); Proclamation No. 2998 of November 20, 1952 (67 Stat. c21); and Proclamation No. 3132 of April 6, 1956 (70 Stat. c26) with priority dates as of the dates these lands were withdrawn from the public domain.

b. claims reserved water rights for the following uses:

for the preservation from injury or spoliation of the ruins and other works and relics of prehistoric and primitive man within said monument; recreation, domestic uses; municipal and administrative site uses; irrigation; stock grazing and watering; the development, conservation and management of resident and migratory wildlife and wildlife resources, the terms wildlife and wildlife resources to include birds and mammals, and all other classes of wild animals and all types of aquatic and land vegetation upon which wildlife is dependent; fire fighting and protection, forest growth, management, improvement and protection; commercial drinking and sanitary uses; road watering, watershed protection and management; wilderness preservation, flood, soil erosion control; preservation of educational, historic, scientific, scenic, aesthetic and other public values and habitat protection and management.

c. claims reserved water rights from the following sources and in the following amounts: that quantity "of surface, ground and underground waters, tributary and non-tributary, which are situated in this Water Division and are located in, on, under adjacent or otherwise appurtenant to" the reservation, and which are, or will become necessary to fulfill the present and future purposes for which the reservation was created.

5. The Hovenweep National Monument was established pursuant to the Antiquities Act, 16 U.S.C. § 431, by Proclamation No. 1654 of March 2, 1923 (42 Stat. 2299), for the purpose of protecting and preserving "four groups of ruins, including prehistoric structures, the majority of which belong to unique types not found in other National Monuments, and show the finest prehistoric masonry in the United States". Proclamation No. 2924 of April 26, 1951 (65 Stat. c8) reserved additional lands, described therein, containing additional ruins. Proclamation No. 2998 of November 20, 1952 (67 Stat. c21) reserved additional lands, described therein, containing "very important archeological sites, including small pueblos and an exceptional and significant great kiva . . . which kiva has never been excavated by archaeologists or vandalized by unauthorized digging." Proclamation No. 3132 of April 6, 1956 (70 Stat. c26) added certain lands, described therein, containing certain other ruins. The respective reservations are shown in Exhibit A, the map attached hereto and made a part hereof.

6. There are numerous springs located on the lands reserved from the public domain in Hovenweep National Monument. These springs served as sources of water and food for the prehistoric inhabitants of the land now comprising Hovenweep National Monument. The springs are integral components of the prehistoric masonry structures. The prehistoric structures include the remains of water management systems including spring developments, cisterns and irrigation ditches. The continued flow of these springs is necessary for the protection and interpretation of the ruins, including prehistoric masonry structures, sought to be preserved by the respective proclamations.

7. Exhibit B (IN SITU USES FOR SPRINGS AT HOVENWEEP NATIONAL MONUMENT), which is attached hereto and made a part hereof, lists the springs located on the lands reserved from the public domain at Hovenweep National Monument by number, name, legal location, and amount of water necessary for the purposes for which Hovenweep National Monument was reserved. The springs identified in Exhibit B will be utilized for in situ uses that include the protection and interpretation of the ruins and the interpretation of the life of the prehistoric inhabitants.

8. In addition to the foregoing requirements for water within Hovenweep National Monument, the National Park Service needs reserved water rights of 8.0 acre-feet per annum to satisfy future requirements for the operation, administration, and protection of

the Hovenweep National Monument, including but not limited to such uses as, the excavation, restoration and preservation of ruins and structures; construction of visitor facilities, staff and visitor domestic uses, and fire suppression. This water is necessary to fulfill the primary purposes of Hovenweep National Monument and is to be developed from any water in, on, under, adjacent or otherwise appurtenant to lands described by Proclamation No. 1654 of March 2, 1923 (42 Stat. 2299); amended by Proclamation No. 2924 of April 26, 1951 (65 Stat. c8); Proclamation No. 2998 of November 20, 1952 (67 Stat. c21); and Proclamation No. 3132 of April 6, 1956 (70 Stat. c26).

CONCLUSIONS OF LAW

9. All notices required by law for filing and publication of the application in the Resume of Water Division No. 7 have been fulfilled and the Court has jurisdiction over the subject matter and all parties whether or not they appeared. The time for filing Statements of Opposition has expired.

10. The primary purposes of the Hovenweep National Monument are as stated in Proclamation No. 1654 (42 Stat. 2299), Proclamation No. 2924 (65 Stat. c8), Proclamation No. 2998 (67 Stat. c21), and Proclamation No. 3132 (70 Stat. c26) to wit: "the protection and preservation of four groups of ruins including structures of the finest prehistoric masonry to be found in the United States" and for the protection, preservation and interpretation of the ruins and archeological sites described in each of the proclamations.

11. Under the federal reserved rights doctrine, the United States has the following reserved water rights with the following priority dates to meet the present and future needs for water necessary to fulfill the primary purposes of Hovenweep National Monument. Arizona v. California, 373 U.S. 546, 600 (1963); Cappaert v. United States, 426 U.S. 128, 138 (1976); United States v. Denver, 656 P.2d 1, 34-35 (Colo. 1982).

a. The United States has reserved water rights for the springs described in Findings of Fact Nos. 6 & 7 and Exhibit B for the protection and interpretation of the ruins, including prehistoric masonry structures, at Hovenweep National Monument. The priority dates are the dates of the reservation of the land containing the springs.

b. The United States has reserved water rights for 8.0 acre-feet of water per annum to satisfy future requirements for the operation, administration, and protection of the Hovenweep National Monument, including but not limited to such uses as, the excavation, restoration and preservation of ruins and structures; construction of visitor facilities; staff and visitor domestic uses; and fire suppression. The priority dates are the dates the

lands were withdrawn from the public domain.

12. The United States has demonstrated its entitlement to this decree as a matter of law.

DECREE

IT IS HEREBY ORDERED, ADJUDGED AND DECREED:

13. The Findings of Fact and Conclusions of Law contained herein are incorporated by reference and made a part of this Decree.

14. The United States is decreed reserved rights for the springs identified in Exhibit B, which is incorporated by reference and made a part of this decree, for use in situ, in the amounts stated in Exhibit B. This water is necessary to fulfill the primary purposes of Hovenweep National Monument as stated in Proclamation No. 1654 (42 Stat. 2299), Proclamation No. 2924 (65 Stat. c8), Proclamation No. 2998 (67 Stat. c21), and Proclamation No. 3132 (70 Stat. c26). The priority dates are the respective reservation dates as identified in Exhibit B.

15. The United States is decreed reserved rights in the amount of 8.0 acre-feet per annum for future uses for the operation, administration, and protection of Hovenweep National Monument, including but not limited to such uses as the excavation, restoration and preservation of ruins and structures; construction of visitor facilities, staff and visitor domestic use, and fire suppression. This water is necessary to fulfill the primary purposes of Hovenweep National Monument and may be developed from surface and/or ground water within the boundaries of Hovenweep National Monument. The priority dates are the dates of reservation associated with the location of the diversion.

16. This judgment and decree constitutes the final adjudication of all claims of the United States for reserved rights for the Hovenweep National Monument pursuant to Proclamation No. 1654 of March 2, 1923 (42 Stat. 2299); amended by Proclamation No. 2924 of April 26, 1951 (65 Stat. c8); Proclamation No. 2998 of November 20, 1952 (67 Stat. c21); and Proclamation No. 3132 of April 6, 1956 (70 Stat. c26) and any other applicable federal acts enacted prior to December 30, 1976.

17. Prior to the diversion and use of any surface water on land reserved from the public domain in Hovenweep National Monument, the National Park Service shall provide the State Engineer the same information that would be required in an application for a surface water right. Whereupon, the State Engineer shall administer the use in accordance with this Decree.

18. Prior to constructing any well, the National Park Service shall provide the State Engineer the same information required of an applicant for a permit to construct a well. Upon receipt of the information required of an applicant for a permit to construct a well, the State Engineer shall issue a permit and administer the use in accordance with the terms of this decree.

19. Subject to the availability of funds, the United States shall install and maintain such water measurement devices, recording devices, content gauges and inlet and outlet measurement and recording devices, as the case may be, as are deemed essential by the Office of the State Engineer; provided, however, that such devices shall not be located so as to interfere with the purposes of Hovenweep National Monument; and further provided that the United States shall not be entitled to curtailment of other water rights for the benefit of any of the water rights decreed herein unless the United States has installed and is maintaining the measurement devices required pursuant to this paragraph.

20. Because this Decree was entered pursuant to agreement of the parties and the issues decided herein have not been litigated between the parties, the parties shall not be collaterally estopped from asserting any factual and/or legal issues in any other cases not involving these water rights. This Decree shall not be used, considered, or cited as precedent in any other case except and only to the extent that the rights decreed herein are at issue.

21. The water clerk shall serve a copy of this Decree upon the parties, the Division Engineer, Water Division No. 7, and the State Engineer.

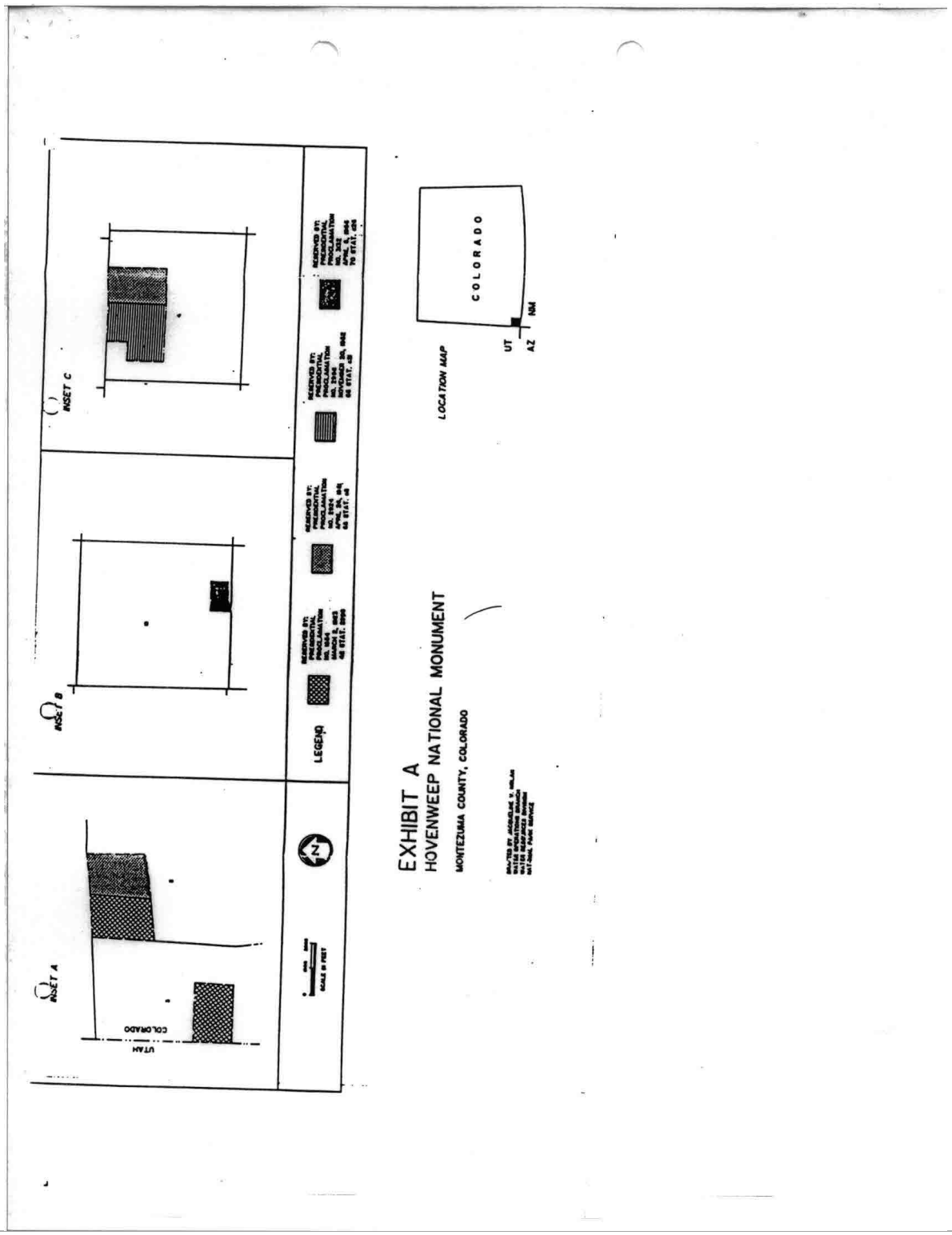
DATED this 31st day of July, 1997.

BY THE COURT:

Timothy A. Patalan

TIMOTHY A. PATALAN, Water Judge
Water Division No. 7
State of Colorado

cc: K. Beegles (3)
H. Simpson
L. Johnson
W. Weiss
J. Sheftel
L. W. McDaniel
D. Hallford
P. Wells
C. Fossum
K. McCabe


EXHIBIT A
HOVENWEEP NATIONAL MONUMENT
MONTEZUMA COUNTY, COLORADO
LOCATION MAP
COLORADO
UT
AZ
NM
LEGEND
INSET A
INSET B
INSET C
UTAH
COLORADO

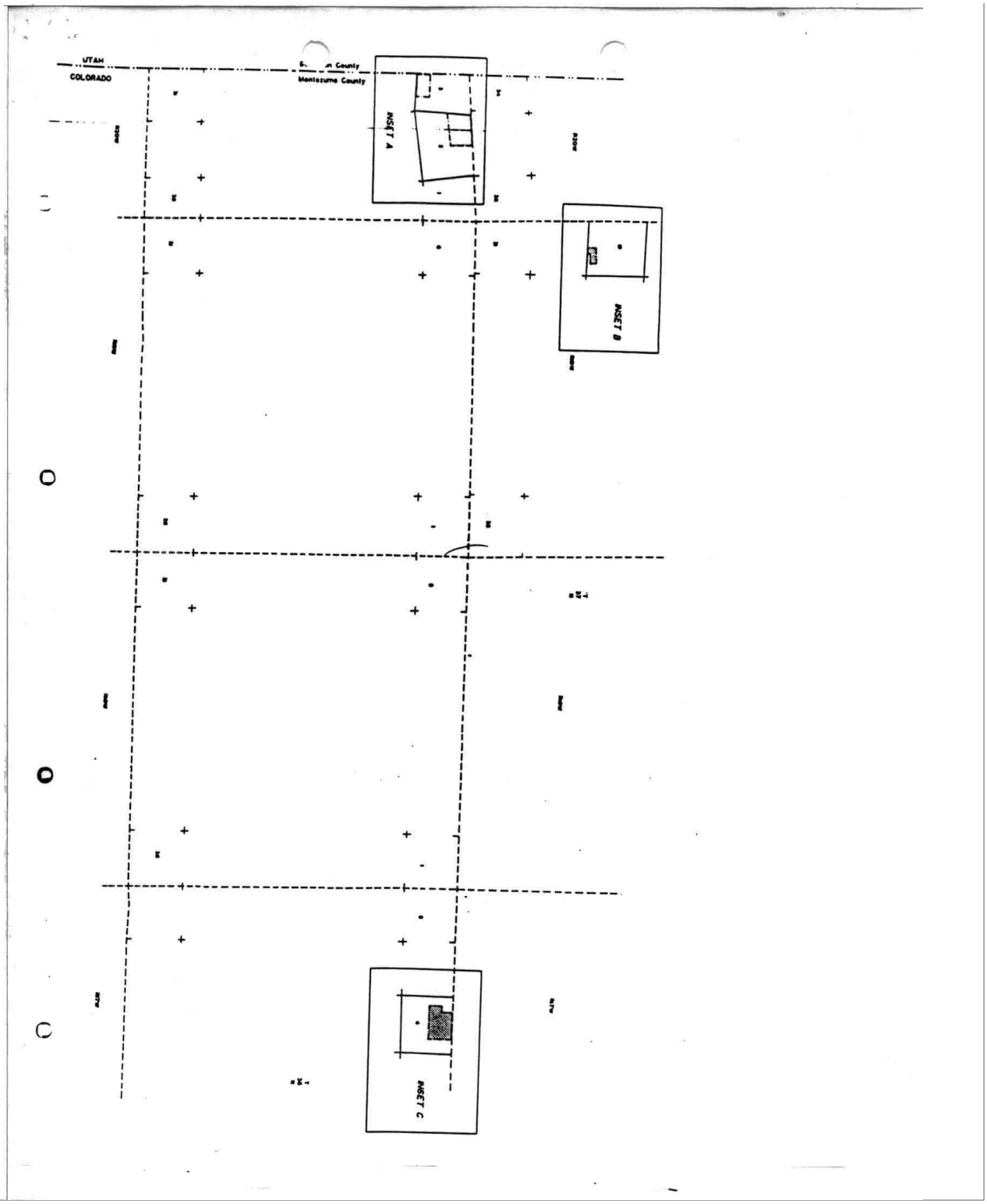

UTAH
COLORADO
Montezume County
INSET A
INSET B
INSET C

EXHIBIT B
IN SITU USES FOR SPRINGS AT HOVENWEEP NATIONAL MONUMENT

The following springs are located on lands reserved by Proclamation No. 1654 of March 2, 1923:

Spr. #	Source Name	Legal Description	Amount (cfs)
1	Holly House Spring	SWSES3T36NR20W	0.01
2	Horseshoe House Spring #1	SWNWS2T36NR20W	0.01
3	Horseshoe House Spring #2	SWNWS2T36NR20W	0.01
4	Horseshoe House Spring #3	SWNWS2T36NR20W	0.01
5	Horseshoe House Spring #4	SWNWS2T36NR20W	0.01

The following springs are located on lands reserved by Proclamation No. 2924 of April 26, 1951:

Spr. #	Source Name	Legal Description	Amount (cfs)
6	Hackberry House Spring #1	SENWS2T36NR20W	0.01
7	Hackberry House Spring #2	SENWS2T36NR20W	0.01
8	Hackberry House Spring #3	SENWS2T36NR20W	0.01
9	Hackberry House Spring #4	SENWS2T36NR20W	0.01
10	Hackberry House Spring #5	SENWS2T36NR20W	0.01
12	Goodman Point Spring	SWNES4T36NR17W	0.01

The following spring is located on lands reserved by Proclamation No. 3132 of April 6, 1956:

Spr. #	Source Name	Legal Description	Amount (cfs)
11	Cutthroat Castle Spring	SWSES19T37NR19W	0.01

NOTE: Legal descriptions are defined as the quarter section of the quarter section of a given section, township, and range (i.e., SWSES3T36NR20W). All townships are north of the Base Line which extends across New Mexico (between 34 and 35 degrees latitude), and all ranges are west of the New Mexico Principal Meridian.

07-31-1997: findings of fact, conclusions of law and decree, re. application for water rights of the united states in hove nm, case n

IN THE DISTRICT COURT IN AND FOR

WATER DIVISION NO. 7

STATE OF COLORADO

Case No. W-1633-76A

IN THE MATTER OF THE APPLICATION FOR WATER RIGHTS OF THE UNITED STATES OF AMERICA IN WATER DIVISION NO. 7, SAN JUAN RIVER DRAINAGE, STATE OF COLORADO.	AMENDED APPLICATION OF THE UNITED STATES OF AMERICA FOR RESERVED WATER RIGHTS (NATIONAL PARK SERVICE) HOVENWEEP NATIONAL MONUMENT

1. Name of Applicant: United States of America

Address of Applicant:

c/o Hank Meshorer
Trial Attorney
Department of Justice
Land and Natural Resources Division
Post Office Box 1656
Denver, Colorado 80201

2. The United States of America seeks confirmation of its reserved rights to the use of water on lands owned by it within Water Division No. 7, San Juan River drainage, which rights are hereinafter described:

Reserved rights in Hovenweep National Monument

(a) Source of water:

(1) All water in, on, under, adjacent or otherwise appurtenant to the land described in the attached Exhibits A1 thru A5, tributary or non-tributary, which Exhibits are attached hereto and by this reference incorporated herein as if set forth verbatim.

(b) Dates of Priority: The United States claims a right to the use of water in, on, under, adjacent or otherwise appurtenant to the National Park Service lands for National Monument purposes with priority dates as of the dates these lands were withdrawn from the Public Domain for National Monument purposes as shown in Exhibits A1 thru A5.

(c) Amount and uses claimed: The United States of America hereby claims certain quantities of surface, ground and underground waters, tributary and non-tributary, which waters are situated within this Water Division and are located in, on, under, adjacent or otherwise appurtenant to this reservation. The United States claims direct water rights, storage water rights, transportation rights and well rights to such quantities of water, unappropriated as of the reservation dates, as are or will become reasonably necessary to fulfill the present and future purposes for which said reservation was created, or said lands or waters were withdrawn from the Public Domain, such purposes including, but not by way of limitation: preservation from injury or spoilation of the ruins and other works and relics of pre-historic or primative man within said monument; recreation, domestic uses; municipal and administrative site uses; irrigation; stock grazing and watering; the development, conservation and management of resident and migratory wildlife and wildlife resources, the terms wildlife and wildlife resources include birds and mammals, and all other classes of wild animals and all types of aquatic and land vegetation upon which wildlife is dependent; fire fighting and protection, forest growth, management, improvement and protection; commercial, drinking and sanitary uses; road watering, watershed protection and management; wilderness preservation, flood, soil erosion control; preservation of educational, historic, scientific, scenic, aesthetic and other public values and habitat protection and management.

3. The United States claims priority dates earlier than the effective dates of priorities awarded by previous decrees within this Water Division, and seeks dates of priority which will antedate the adjudication dates of earlier decrees and adjudications 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.

4. The filing fees which accompany this application are paid under protest. The United States hereby claims reimbursement thereof on the ground that filing fees constitute "costs" within the meaning of 43 U.S.C.A., Section 666(a), and as such are not properly taxed against the government in water adjudication proceedings.

Respectfully submitted,

JAMES L. TREECE
United States Attorney

By Hank Meshorer
HANK MESHORER (Reg. No. 6977)
Trial Attorney, Department of Justice
Land and Natural Resouces Division
Post Office Box 1656
Denver, Colorado 80201

Telephone: 837-4961

STATE OF COLORADO)
) ss:
CITY AND COUNTY OF DENVER)

HANK MESHORER, 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.

Hank Meshorer
HANK MESHORER

Subscribed and sworn to before me this 2nd day of February, 1977.

My commission expires: May 16, 1980

Helen R. Roy
Notary Public

Land History

HOVENWEEP NATIONAL MONUMENT

1. The United States of America has Federal Reserved Rights to all water appurtenant to Hovenweep National Monument in quantities reasonably necessary to fulfill the purposes for which said National Monument was created. Such rights possess priority dates as of the dates the lands comprising said National Monument was first reserved from the public domain as set forth in the documents describing said National Monument, which documents are attached hereto.

2. Under such Federal Reserved Rights, the United States of America may utilize the surface, ground and underground waters, which are located in, on or under said National Monument and which were unappropriated as of the afore described reservation dates.

3. The purposes for which the National Monument was created require the use of water for the following categories: preservation from injury or spoilation of the ruins and other works and relics of prehistoric or primative man within said monument; recreation, domestic uses; municipal and administrative site uses; irrigation; stock grazing and watering; the development, conservation and management of resident and migratory wildlife and wildlife resources, the terms wildlife and wildlife resources include birds and mammals, and all other classes of wild animals and all types of aquatic and land vegetation upon which wildlife is dependent; fire fighting and protection, forest growth, management, improvement and protection; commercial, drinking and sanitary uses; road watering, watershed protection and management; wilderness preservation, flood, soil erosion control; preservation of educational, historic, scientific, scenic, aesthetic and other public values and habitat protection and management.

HOVENWEEP NATIONAL MONUMENT

Exhibits 1 through 5 hereto are those documents creating or affecting the reservation within Water Division No. 7, presently known as Hovenweep National Monument, an illustrative map of which is appended hereto as Exhibit 5. A brief description of each document exhibit follows:

Exhibit 1. Presidential Proclamation, No. 1654, March 2, 1923, 42 Stat. 2299, Establishing Hovenweep National Monument.

Exhibit 2. Presidential Proclamation, April 26, 1951, adding certain lands to Hovenweep National Monument.

Exhibit 3. Presidential Proclamation, November 20, 1952, adding certain lands to Hovenweep National Monument.

Exhibit 4. Presidential Proclamation, April 6, 1956, excluding and adding certain lands to Hovenweep National Monument.

Exhibit 5. U.S.G.S. Map - 15' Quadrangle Sheet (Cajon Mesa, Utah-Colorado) showing the location of Hovenweep National Monument.

HOVENWEEP NATIONAL MONUMENT

Exhibit 1

BY THE PRESIDENT OF THE UNITED STATES OF AMERICA

A PROCLAMATION

[No. 1654—Mar. 2, 1923—42 Stat. 2299]

WHEREAS, there are in southwestern Colorado and southeastern Utah four groups of ruins, including prehistoric structures, the majority of which belong to unique types not found in other National Monuments, and show the finest prehistoric masonry in the United States; and

WHEREAS, the said four groups of ruins are situated upon the public lands owned and controlled by the United States and it appears that the public good would be promoted by reserving these prehistoric remains as a National Monument with as much land as may be necessary for the proper protection thereof,

NOW, THEREFORE, I, Warren G. Harding, President of the United States of America, by virtue of the power in me vested by section two of the act of Congress entitled, "An Act for the Preservation of American Antiquities," approved June 8, 1906 (34 Stat., 225) do proclaim that there is hereby reserved, subject to all prior valid claims, and set apart as a National Monument to be known as the Hovenweep National Monument the lands shown upon the diagram hereto annexed and made a part hereof and more particularly described as follows:

Utah, Salt Lake Base and Meridian

In township thirty-nine south, range twenty-six east, northeast quarter of the northeast quarter and the southwest quarter of the northeast quarter of section twenty, and the southwest quarter of the northwest quarter of section twenty-one; in township forty south, range twenty-five east, northwest quarter of the northwest quarter of section twenty-one.

Colorado, New Mexico Principal Meridian

In township thirty-six north, range twenty west, lot four and southwest quarter of the northwest quarter of section two, and lot six and southwest quarter of the southeast quarter of section three.

Warning is hereby expressly given to all unauthorized persons not to appropriate, injure, destroy, or remove any of the features or objects included within the boundaries of this Monument and not to locate or settle upon any of the lands thereof.

Executive Order No. 3755, dated November 17, 1922, is hereby revoked and such lands thereby temporarily withdrawn and not included in said Hovenweep National Monument by this Proclamation are restored to entry under the public land laws of the United States.

The Director of the National Park Service, under the direction of the Secretary of the Interior, shall have the supervision, management and control of this Monument, as provided in the act of Congress entitled, "An Act to establish a National Park Service, and for other purposes," approved August 25, 1916 (39 Stat., 535), as amended June 2, 1920 (41 Stat., 732).

IN WITNESS WHEREOF, I have hereunto set my hand and caused the seal of the United States to be affixed.

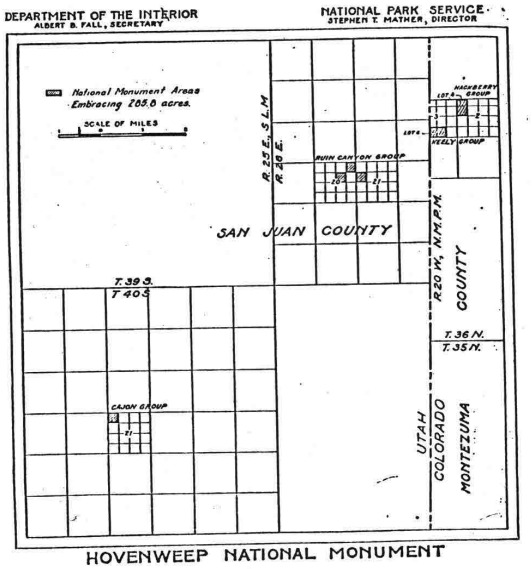
DONE at the City of Washington this second day of March, in the year of our Lord one thousand nine hundred and twenty-three, and [SEAL] of the Independence of the United States of America the one hundred and forty-seventh.

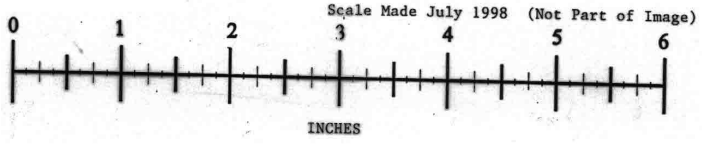
WARREN G. HARDING.

By the President:
CHARLES E. HUGHES,
Secretary of State.

Continued

Hovenweep National Monument ..... Continued





QUADRANGLE LOCATION

CAJON MESA, UTAH—COLO

EXHIBIT 2

ENLARGING HOVENWEEP NATIONAL MONUMENT
COLORADO AND UTAH

April 26, 1951
[No. 2724]

BY THE PRESIDENT OF THE UNITED STATES OF AMERICA

A PROCLAMATION

42 Stat., Pt. 2, p. 2500.

WHEREAS Proclamation No. 1654 of March 2, 1923, established the Hovenweep National Monument on certain public lands in southwestern Colorado and southeastern Utah for the purpose of protecting and preserving four groups of ruins including structures of the finest prehistoric masonry to be found in the United States; and

WHEREAS it has been determined that the public lands described and set apart as the said Hovenweep National Monument do not include the lands containing one of the said groups of ruins known as the Hackberry Ruin; and

WHEREAS another ruin, known as the Goodman Point Ruin, situated in the vicinity of the Hovenweep National Monument, has been found to be of significance comparable to, and suitable for preservation with, the ruins comprising the said Monument; and

WHEREAS it is deemed desirable in the public interest that the lands embracing the Hackberry Ruin and the Goodman Point Ruin be added to and reserved as parts of the Hovenweep National Monument:

Addition of designated lands as parts of Hovenweep National Monument.

NOW, THEREFORE, I, HARRY S. TRUMAN, President of the United States of America, under and by virtue of the authority vested in me by section 2 of the act of June 8, 1906 (ch. 3060, 34 Stat. 225, 16 U. S. C. 431), do proclaim that, subject to valid existing rights and the provisions of existing withdrawals, the following-described tracts of land in Colorado are hereby added to and reserved as parts of the Hovenweep National Monument:

NEW MEXICO PRINCIPAL MERIDIAN

T. 36 N., R. 20 W.,
Sec. 2, lot 3, and SE¼NW¼
T. 36 N., R. 17 W.,
Sec. 4, lot 2, and SW¼NE¼

Warning is hereby expressly given to all unauthorized persons not to appropriate, injure, destroy, or remove any feature of this monument and not to locate or settle upon any of the lands thereof.

Supervision, etc., of added lands.

The Director of the National Park Service, under the direction of the Secretary of the Interior, shall have the supervision, management, and control of the lands hereby added to this monument as provided in the act of Congress entitled "An Act To establish a National Park Service, and for other purposes," approved August 25, 1916 (39 Stat. 535, 16 U. S. C. 1–3), and acts supplementary thereto or amendatory thereof.

16 U. S. C. §§ 1, 2, 3; 16 U. S. C. §§ 1-4, 22, 43.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the Seal of the United States of America to be affixed.

DONE at the City of Washington this 26th day of April, in the year of our Lord nineteen hundred and fifty-one, and of the Independence of the United States of America the one hundred and seventy-fifth.

[SEAL]

HARRY S TRUMAN

By the President:
DEAN ACHESON
Secretary of State

[SEAL] ... the Independence of the United States of America the one hundred and eightieth.

DWIGHT D. EISENHOWER

By the President:
JOHN FOSTER DULLES,
Secretary of State.

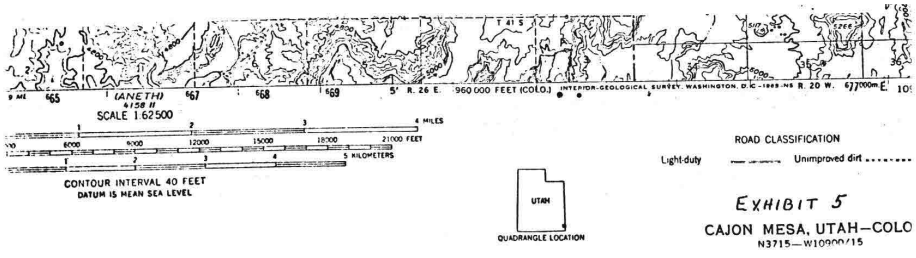


EXHIBIT 5

CAJON MESA, UTAH—COLO

N3715—W10900/15

EXHIBIT 3

A PROCLAMATION

42 Stat. 2299.

WHEREAS Proclamation No. 1654 of March 2, 1923, established the Hovenweep National Monument on certain public lands in southwestern Colorado and southeastern Utah for the purpose of preserving four groups of ruins, including structures of the finest prehistoric masonry found in the United States, and Proclamation No. 2924 of April 26, 1951, added to the monument certain other public lands in southwestern Colorado containing other significant ruins; and

65 Stat. cit.

WHEREAS other public lands, contiguous to a portion of the lands now comprising the said monument, have been found to contain very important archeological sites, including small pueblos and an exceptional and significant great kiva (a large circular semi-subterranean ceremonial room), the inside and overall diameters of which are approximately 60 and 100 feet, respectively, which kiva has never been excavated by archeologists or vandalized by unauthorized digging; and

WHEREAS it appears that it would be in the public interest to reserve the lands embracing such archeological sites as a part of the said monument:

Addition of land to Hovenweep National Monument, Colo.-Utah.

NOW, THEREFORE, I, HARRY S. TRUMAN, President of the United States of America, under and by virtue of the authority vested in me by section 2 of the act of June 8, 1906, 34 Stat. 225 (16 U. S. C. 431), do hereby proclaim that, subject to valid existing rights and the provisions of existing withdrawals, the following-described lands in Colorado are hereby added to and reserved as a part of the Hovenweep National Monument:

NEW MEXICO PRINCIPAL MERIDIAN

T. 36 N., R. 17 W.,
sec. 4, lot 3, SE¼NW¼, and E½SW¼NW¼.
The area described contains 81.02 acres, more or less.

Warning is hereby expressly given to all unauthorized persons not to appropriate, injure, destroy, or remove any features of this monument and not to locate or settle upon any of the lands thereof.

Supervision, management, etc.

The Director of the National Park Service, under the direction of the Secretary of the Interior, shall have the supervision, management, and control of the lands hereby added to this monument as provided in the act of Congress entitled "An Act to establish a National Park Service, and for other purposes", approved August 25, 1916, 39 Stat. 535 (16 U. S. C. 1–3), and acts supplementary thereto or amendatory thereof.

39 USC 431; 16 USC 1-4, 22 et.

IN WITNESS WHEREOF I have hereunto set my hand and caused the Seal of the United States of America to be affixed.

DONE at the City of Washington this 20th day of November in the year of our Lord nineteen hundred and fifty-two and of [SEAL] the Independence of the United States of America the one hundred and seventy-seventh.

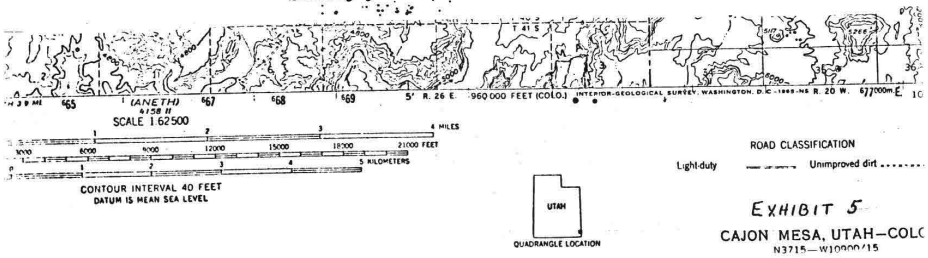
HARRY S TRUMAN

By the President:
DAVID BRUCE
Acting Secretary of State

[SEAL] the Independence of the United States of America the one hundred and eightieth.

DWIGHT D. EISENHOWER

By the President:
JOHN FOSTER DULLES,
Secretary of State.



REVISING THE BOUNDARIES OF HOVENWEEP NATIONAL MONUMENT UTAH AND COLORADO

April 6, 1956
[No. 3132]

BY THE PRESIDENT OF THE UNITED STATES OF AMERICA

A PROCLAMATION

WHEREAS it appears that public lands described as SW¼NE¼, section 20, Township 39 South, Range 26 East, Salt Lake Base and Meridian, which contain no objects of historic or scientific interest were erroneously included in the Hovenweep National Monument in Utah and Colorado by Proclamation No. 1654 of March 2, 1923 (42 Stat. 2299); and

WHEREAS it appears that public lands described as SE¼NE¼ of such section 20 which contain ruin groups worthy of preservation because of their historic and scientific value were erroneously omitted from the monument; and

WHEREAS there are other public lands contiguous to the monument which contain an important ruin group, Cutthroat Castle, an outstanding example of a defensive structure of the thirteenth century, the preservation of which is desirable because of its historic and scientific value; and

WHEREAS it appears that it would be in the public interest to reserve such lands as an addition to such monument:

Hovenweep National Monument, Utah-Colo.

NOW, THEREFORE, I, DWIGHT D. EISENHOWER, President of the United States of America, under and by virtue of the authority vested in me by section 2 of the act of June 8, 1906, 34 Stat. 225 (16 U. S. C. 431), do proclaim as follows:

1. The following-described lands in the State of Utah are hereby excluded from the Hovenweep National Monument:

UTAH, SALT LAKE BASE AND MERIDIAN

T. 39 S., R. 26 E.,
sec. 20, SW¼NE¼

The lands hereby excluded from the monument shall not be subject to application, location, settlement, entry, or other forms of appropriation under public land laws until further order of an authorized officer of the Department of the Interior.

2. Subject to valid existing rights, the following-described public lands in the States of Utah and Colorado are hereby reserved and added to and made a part of the Hovenweep National Monument and shall be subject to all laws, rules, and regulations applicable to that monument:

UTAH, SALT LAKE BASE AND MERIDIAN

T. 39 S., R. 26 E.,
sec. 20, SE¼NE¼

COLORADO, NEW MEXICO PRINCIPAL MERIDIAN

T. 37 N., R. 19 W.,
sec. 19, SE¼ of Lot 11 and
E½SW¼ of Lot 11, excepting
a portion of Segregated Tract
63 patented to Edward C. Forest

Warning is hereby expressly given to all unauthorized persons not to appropriate, injure, destroy, or remove any feature of this monument and not to locate or settle upon any of the lands thereof.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the seal of the United States of America to be affixed.

DONE at the City of Washington this sixth day of April in the year of our Lord nineteen hundred and fifty-six, and of [SEAL] the Independence of the United States of America the one hundred and eightieth.

DWIGHT D. EISENHOWER

By the President:
JOHN FOSTER DULLES,
Secretary of State.

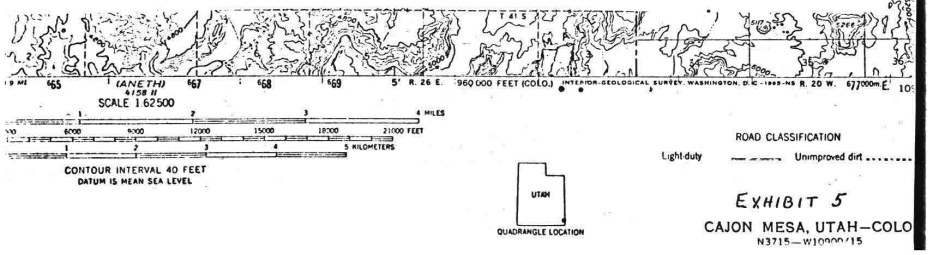
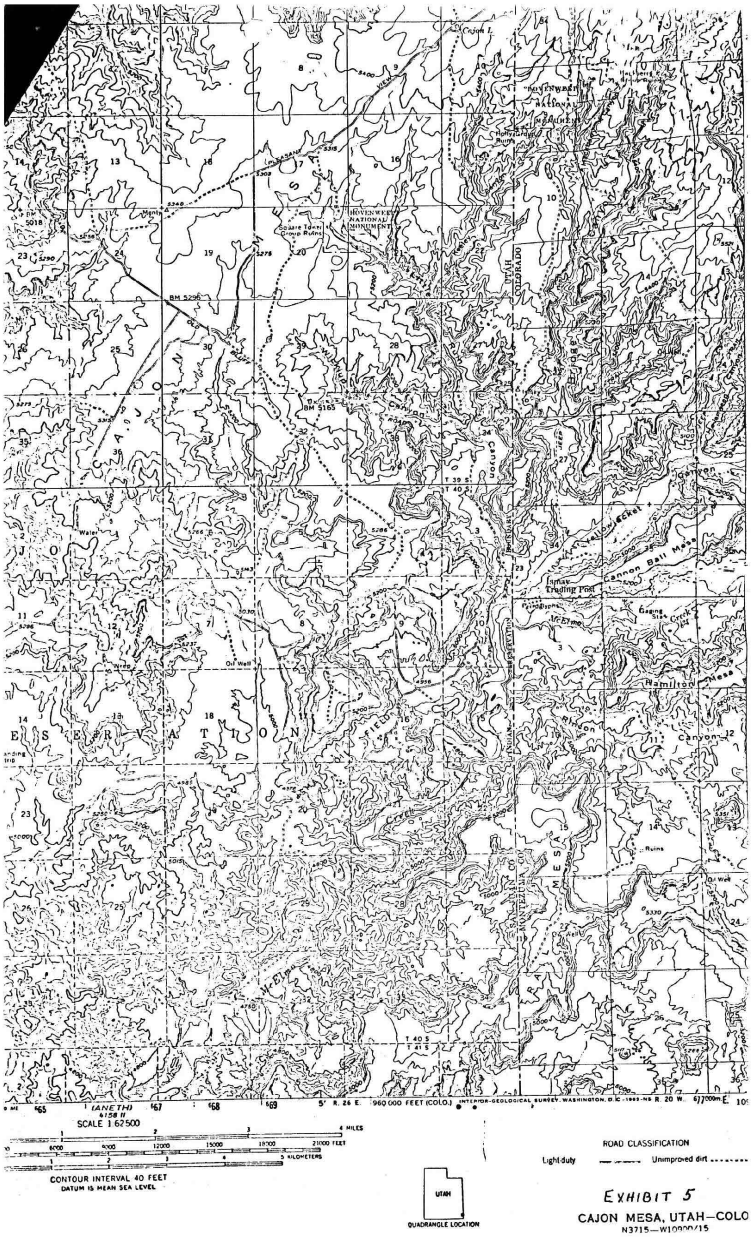
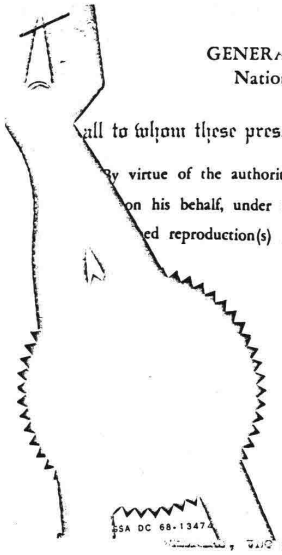


EXHIBIT 5

CAJON MESA, UTAH—COLO
N3715—W10900/15

00-00-0000: topographic map of cajon mesa





GENERAL SERVICES ADMINISTRATION
National Archives and Records Service

all to whom these presents shall come, Greeting:

y virtue of the authority vested in me by the Administrator of General Services, I on his behalf, under the seal of the National Archives of the United States, that ed reproduction(s) is a true and correct copy of documents in his custody.

SIGNATURE	Milton O. Gustafson
NAME	MILTON O. GUSTAFSON
DATE	12/9/71
TITLE	Acting Chief, Diplomatic Branch
NAME AND ADDRESS OF DEPOSITORY	The National Archives Washington, D. C. 20408

GSA DC 68-13474

GSA FORM APR 68 6791A

WHEREAS, the said four groups of ruins are situated upon the public lands owned and controlled by the United States and it appears that the public good would be promoted by reserving these prehistoric remains as a National Monument with as much land as may be necessary for the proper protection thereof,

NOW, THEREFORE, I, Warren G. Harding, President of the United States of America, by virtue of the power in me vested by section two of the act of Congress entitled, "An Act for the Preservation of American Antiquities," approved June 8, 1906 (34 Stat., 225) do proclaim that there is hereby reserved, subject to all prior valid claims, and set apart as a National Monument to be known as the Hovenweep National Monument the lands shown upon the diagram hereto annexed and made a part hereof and

NOVENWEEP NATIONAL MONUMENT

(UTAH - COLORADO)

BY THE PRESIDENT OF THE UNITED STATES OF AMERICA

A PROCLAMATION.

WHEREAS, there are in southwestern Colorado and southeastern Utah four groups of ruins, including prehistoric structures, the majority of which belong to unique types not found in other National Monuments, and show the finest prehistoric masonry in the United States; and

WHEREAS, the said four groups of ruins are situated upon the public lands owned and controlled by the United States and it appears that the public good would be promoted by reserving those prehistoric remains as a National Monument with as much land as may be necessary for the proper protection thereof,

NOW, THEREFORE, I, Warren G. Harding, President of the United States of America, by virtue of the power in me vested by section two of the act of Congress entitled, "An Act for the Preservation of American Antiquities," approved June 8, 1906 (34 Stat., 225) do proclaim that there is hereby reserved, subject to all prior valid claims, and set apart as a National Monument to be known as the Hovenweep National Monument the lands shown upon the diagram hereto annexed and made a part hereof and more particularly described as follows:

Utah, Salt Lake Base and Meridian.

In township thirty-nine south, range twenty-six east, northeast quarter of the northeast quarter and the southwest quarter of the northeast quarter of section twenty, and the southwest quarter of the northwest quar-

GOVT'S EX. A-1 PS

ter of section twenty-one; in township forty south, range twenty-five east, northwest quarter of the northwest quarter of section twenty-one.

Colorado, New Mexico Principal Meridian.

In township thirty-six north, range twenty west, lot four and southwest quarter of the northwest quarter of section two, and lot six southwest quarter of the southeast quarter of section three.

Warning is hereby expressly given to all unauthorized persons not to appropriate, injure, destroy, or remove any of the features or objects included within the boundaries of this Monument and not to locate or settle upon any of the lands thereof.

Executive Order No. 3755, dated November 17, 1922, is hereby revoked and such lands thereby temporarily withdrawn and not included in said Hovenweep National Monument by this Proclamation are restored to entry under the public land laws of the United States.

The Director of the National Park Service, under the direction of the Secretary of the Interior, shall have the supervision, management and control of this Monument, as provided in the act of Congress entitled, "An Act to establish a National Park Service, and for other purposes," approved August 25, 1916 (39 Stat., 535), as amended June 2, 1920 (41 Stat., 732).

IN WITNESS WHEREOF, I have hereunto set my hand and caused the seal of the United States to be affixed.

DONE at the City of Washington this second day of March, in the year of our Lord one thousand nine hundred and twenty-three, and of the Independence of the United States of America the one hundred and forty-seventh.

Warren G. Harding

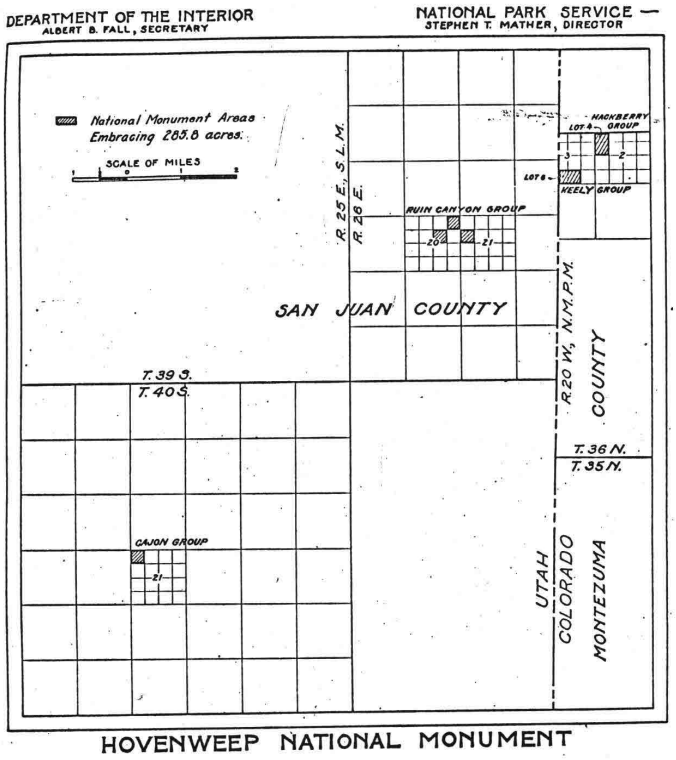
By the President:

Charles E. Hughes

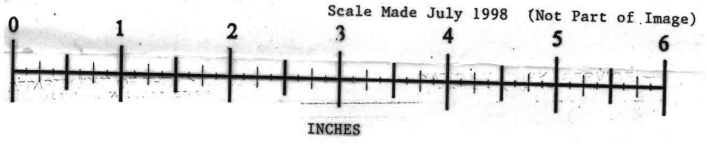
Secretary of State.

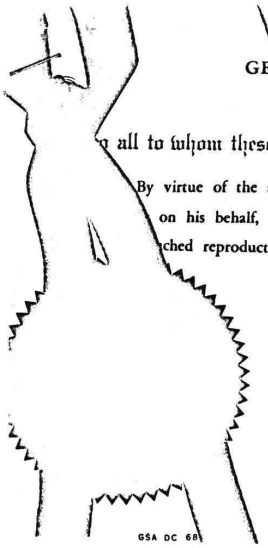
-2-

1654


DEPARTMENT OF THE INTERIOR
ALBERT B. FALL, SECRETARY
NATIONAL PARK SERVICE
STEPHEN T. MATHER, DIRECTOR
National Monument Areas
Embracing 285.8 acres.
SCALE OF MILES
R. 25 E., S.L.M.
R. 26 E.
HACKBERRY GROUP
LOT 4
LOT 3
LOT 2
LOT 1
KEELY GROUP
RUIN CANYON GROUP
20
21
SAN JUAN COUNTY
R. 20 W., N.M.P.M.
T. 39 S.
T. 40 S.
T. 36 N.
T. 35 N.
CAJON GROUP
21
UTAH
COLORADO
MONTEZUMA COUNTY
HOVENWEEP NATIONAL MONUMENT

1654


Scale Made July 1998 (Not Part of Image)
0
1
2
3
4
5
6
INCHES



GEN[illegible] SERVICES ADMINISTRATION
National Archives and Records Service

To all to whom these presents shall come, Greeting:

By virtue of the authority vested in me by the Administrator of General Services, I on his behalf, under the seal of the National Archives of the United States, that [illegible]ched reproduction(s) is a true and correct copy of documents in his custody.

SIGNATURE: Milton O. Gustafson
NAME: MILTON O. GUSTAFSON
DATE: 10/27/71
TITLE: Acting Chief, Diplomatic Branch
NAME AND ADDRESS OF DEPOSITORY: The National Archives, Washington, D. C. 20408

GSA DC 68

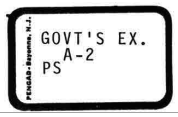
GSA FORM APR 68 6791A

of protecting and preserving four groups of ruins including structures of the finest prehistoric masonry to be found in the United States; and

WHEREAS it has been determined that the public lands described and set apart as the said Hovenweep National Monument do not include the lands containing one of the said groups of ruins known as the Hackberry Ruin; and

WHEREAS another ruin, known as the Goodman Point Ruin, situated in the vicinity of the Hovenweep National Monument, has been found to be of significance comparable to, and suitable for preservation with, the ruins comprising the said Monument; and

WHEREAS it is deemed desirable in the public interest that the lands embracing the Hackberry Ruin and the Goodman Point Ruin be added to and reserved as parts of the Hovenweep National Monument:



ENLARGING HOVENWEEP NATIONAL MONUMENT
COLORADO AND UTAH

- - - - -

BY THE PRESIDENT OF THE UNITED STATES
OF AMERICA

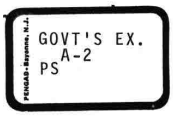
A PROCLAMATION

WHEREAS Proclamation No. 1654 of March 2, 1923, established the Hovenweep National Monument on certain public lands in southwestern Colorado and southeastern Utah for the purpose of protecting and preserving four groups of ruins including structures of the finest prehistoric masonry to be found in the United States; and

WHEREAS it has been determined that the public lands described and set apart as the said Hovenweep National Monument do not include the lands containing one of the said groups of ruins known as the Hackberry Ruin; and

WHEREAS another ruin, known as the Goodman Point Ruin, situated in the vicinity of the Hovenweep National Monument, has been found to be of significance comparable to, and suitable for preservation with, the ruins comprising the said Monument; and

WHEREAS it is deemed desirable in the public interest that the lands embracing the Hackberry Ruin and the Goodman Point Ruin be added to and reserved as parts of the Hovenweep National Monument:



NOW, THEREFORE, I, HARRY S. TRUMAN, President of the United States of America, under and by virtue of the authority vested in me by section 2 of the act of June 8, 1906 (ch. 3060, 34 Stat. 225, 16 U.S.C. 431), do proclaim that, subject to valid existing rights and the provisions of existing withdrawals, the following-described tracts of land in Colorado are hereby added to and reserved as parts of the Hovenweep National Monument:

New Mexico Principal Meridian

T. 36 N., R. 20 W.,
Sec. 2, lot 3, and SE 1/4 NW 1/4
T. 36 N., R. 17 W.,
Sec. 4, lot 2, and SW 1/4 NE 1/4

Warning is hereby expressly given to all unauthorized persons not to appropriate, injure, destroy, or remove any feature of this monument and not to locate or settle upon any of the lands thereof.

The Director of the National Park Service, under the direction of the Secretary of the Interior, shall have the supervision, management, and control of the lands hereby added to this monument as provided in the act of Congress entitled "An Act To establish a National Park Service, and for other purposes," approved August 25, 1916 (39 Stat. 535, 16 U.S.C. 1-3), and acts supplementary thereto or amendatory thereof.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the Seal of the United States of America to be affixed.

DONE at the City of Washington this 26th day of April, in the year of our Lord nineteen hundred and fifty-one, and of the Independence of the United States of America the one hundred and seventy-fifth.

Harry Truman

By the President:

Dean Acheson

Secretary of State

THE NATIONAL ARCHIVES
FILED AND MADE AVAILABLE
FOR PUBLIC INSPECTION
APR 27 3 58 PM '51
IN THE DIVISION OF THE
FEDERAL REGISTER

2924

GENERAL SERVICES ADMINISTRATION
National Archives and Records Service

To all to whom these presents shall come, Greeting:

By virtue of the authority vested in me by the Administrator of General Services, I hereby certify on his behalf, under the seal of the National Archives of the United States, that the attached reproduction(s) is a true and correct copy of documents in his custody.

SIGNATURE: Milton O. Gustafson

NAME: MILTON O. GUSTAFSON

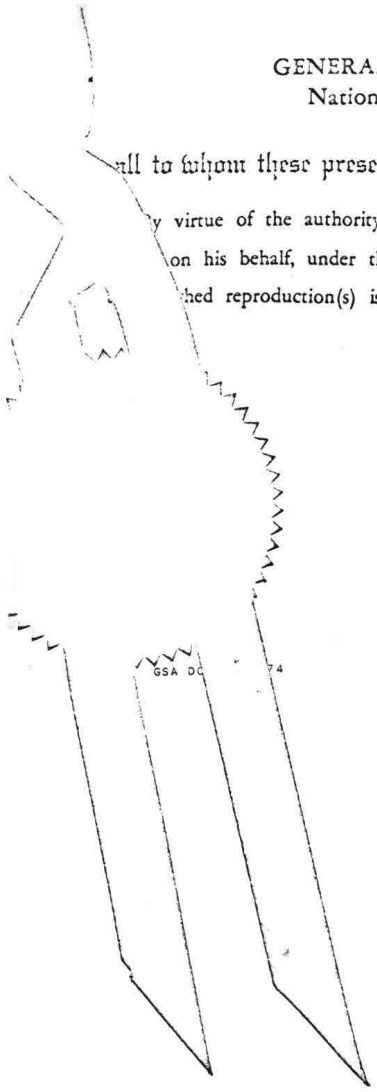
DATE: 12/13/71

TITLE: Chief, Diplomatic Branch

NAME AND ADDRESS OF DEPOSITORY:

The National Archives
Washington, D. C. 20408

GSA FORM 6791A (REV. 68)



ENLARGING THE HOVENWEEP NATIONAL MONUMENT
COLORADO AND UTAH

BY THE PRESIDENT OF THE UNITED STATES OF AMERICA

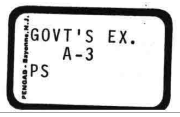
A PROCLAMATION

WHEREAS Proclamation No. 1654 of March 2, 1923, established the Hovenweep National Monument on certain public lands in southwestern Colorado and southeastern Utah for the purpose of preserving four groups of ruins, including structures of the finest prehistoric masonry found in the United States, and Proclamation No. 2924 of April 26, 1951, added to the monument certain other public lands in southwestern Colorado containing other significant ruins; and

WHEREAS other public lands, contiguous to a portion of the lands now comprising the said monument, have been found to contain very important archeological sites, including small pueblos and an exceptional and significant great kiva (a large circular semi-subterranean ceremonial room), the inside and overall diameters of which are approximately 60 and 100 feet, respectively, which kiva has never been excavated by archeologists or vandalized by unauthorized digging; and

WHEREAS it appears that it would be in the public interest to reserve the lands embracing such archeological sites as a part of the said monument:

NOW, THEREFORE, I, HARRY S. TRUMAN, President of the United States of America, under and by virtue of the authority vested in me by section 2 of the act of June 8, 1906, 34 Stat. 225 (16 U.S.C. 431), do hereby proclaim that, subject to valid existing rights and the provisions of existing withdrawals, the following-described lands in Colorado are hereby added to and reserved as a part of the Hovenweep National Monument:



New Mexico Principal Meridian
T. 36 N., R. 17 W.,
sec. 4, lot 3, SE 1/4 NW 1/4, and E 1/2 SW 1/4 NW 1/4

The area described contains 81.02 acres, more or less.

Warning is hereby expressly given to all unauthorized persons not to appropriate, injure, destroy, or remove any features of this monument and not to locate or settle upon any of the lands thereof.

The Director of the National Park Service, under the direction of the Secretary of the Interior, shall have the supervision, management, and control of the lands hereby added to this monument as provided in the Act of Congress entitled "An Act to establish a National Park Service, and for other purposes", approved August 25, 1916, 39 Stat. 535 (16 U.S.C. 1-3), and acts supplementary thereto or amendatory thereof.

IN WITNESS WHEREOF I have hereunto set my hand and caused the Seal of the United States of America to be affixed.

DONE at the City of Washington this 20th day of November in the year of our Lord nineteen hundred and fifty-two and of the Independence of the United States of America the one hundred and seventy-seventh.

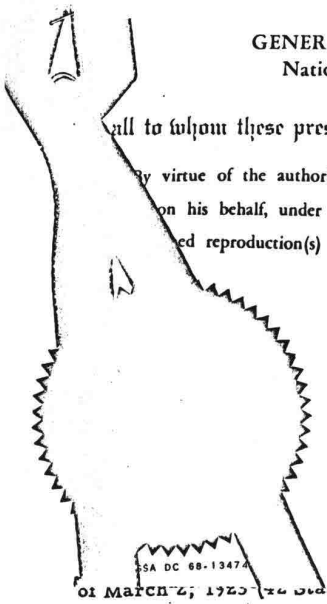
Harry S Truman

By the President:

David Bruce
Acting Secretary of State

THE NATIONAL ARCHIVES AND RECORDS SERVICE FILED AND MADE AVAILABLE FOR PUBLIC INSPECTION
NOV 25 10 18 AM '52
NATIONAL REGISTER DIVISION

2995



GENERAL SERVICES ADMINISTRATION
National Archives and Records Service

All to whom these presents shall come, Greeting:

By virtue of the authority vested in me by the Administrator of General Services, I on his behalf, under the seal of the National Archives of the United States, that ed reproduction(s) is a true and correct copy of documents in his custody.

SIGNATURE	Milton O. Gustafson
NAME	MILTON O. GUSTAFSON
DATE	12/9/71
TITLE	Acting Chief, Diplomatic Branch
NAME AND ADDRESS OF DEPOSITORY	The National Archives Washington, D. C. 20408

GSA DC 68-13474

GSA FORM APR 68 6791A

of March 2, 1925 [illegible]

WHEREAS it appears that public lands described as SE1/4NE1/4 of such section 20 which contain ruin groups worthy of preservation because of their historic and scientific value were erroneously omitted from the monument; and

WHEREAS there are other public lands contiguous to the monument which contain an important ruin group, Cutthroat Castle, an outstanding example of a defensive structure of the thirteenth century, the preservation of which is desirable because of its historic and scientific value; and

WHEREAS it appears that it would be in the public interest

REVISING THE BOUNDARIES OF HOVENWEEP
NATIONAL MONUMENT
UTAH AND COLORADO

BY THE PRESIDENT OF THE UNITED STATES OF AMERICA

A PROCLAMATION

WHEREAS it appears that public lands described as SW1/4NE1/4, section 20, Township 39 South, Range 26 East, Salt Lake Base and Meridian, which contain no objects of historic or scientific interest were erroneously included in the Hovenweep National Monument in Utah and Colorado by Proclamation No. 1654 of March 2, 1923 (42 Stat. 2299); and

WHEREAS it appears that public lands described as SE1/4NE1/4 of such section 20 which contain ruin groups worthy of preservation because of their historic and scientific value were erroneously omitted from the monument; and

WHEREAS there are other public lands contiguous to the monument which contain an important ruin group, Cutthroat Castle, an outstanding example of a defensive structure of the thirteenth century, the preservation of which is desirable because of its historic and scientific value; and

WHEREAS it appears that it would be in the public interest to reserve such lands as an addition to such monument:

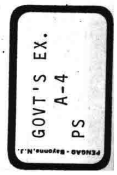
NOW, THEREFORE, I, DWIGHT D. EISENHOWER, President of the United States of America, under and by virtue of the authority vested in me by section 2 of the act of June 8, 1906, 34 Stat. 225 (16 U.S.C. 431), do proclaim as follows:

1. The following-described lands in the State of Utah are hereby excluded from the Hovenweep National Monument:

Utah, Salt Lake Base and Meridian

T. 39 S., R. 26 E., sec. 20, SW1/4NE1/4

The lands hereby excluded from the monument shall not be subject to application, location, settlement, entry, or other forms of appropriation



under public land laws until further order of an authorized officer of the Department of the Interior.

2. Subject to valid existing rights, the following-described public lands in the States of Utah and Colorado are hereby reserved and added to and made a part of the Hovenweep National Monument and shall be subject to all laws, rules, and regulations applicable to that monument:

Utah, Salt Lake Base and Meridian

T. 39 S., R. 26 E.,
sec. 20, SE1/4NE1/4

Colorado, New Mexico Principal Meridian

T. 37 N., R. 19 W.,
sec. 19, SE1/4 of Lot 11 and
E1/2SW1/4 of Lot 11, excepting
a portion of Segregated Tract
63 patented to Edward C. Forest

Warning is hereby expressly given to all unauthorized persons appropriate, injure, destroy, or remove any feature of this ent and not to locate or settle upon any of the lands thereof.

N WITNESS WHEREOF, I have hereunto set my hand and caused f the United States of America to be affixed.

E at the City of Washington this sixth day of April in the year of our Lord nineteen hundred and fifty-six, and of the Independence of the United States of America the one hundred and eightieth.

Dwight D. Eisenhower

By the ...ident:

...ary of State

THE NATIONAL ARCHIVES
APR 10 3 44 PM '56
IN THE FEDERAL REGISTER DIVISION

3132.1

00-00-0000: description of hove purpose and water rights within the monument

HOVENWEEP NATIONAL MONUMENT

1. The United States of America has Federal Reserved Rights to all water appurtenant to Hovenweep National Monument in quantities reasonably necessary to fulfill the purposes for which said National Monument was created. Such rights possess priority dates as of the dates the lands comprising said National Monument was first reserved from the public domain as set forth in the documents describing said National Monument, which documents are attached hereto.

2. Under such Federal Reserved Rights, the United States of America may utilize the surface, ground and underground waters, which are located in, on or under said National Monument and which were unappropriated as of the afore described reservation dates.

3. The purposes for which the National Monument was created require the use of water for the following categories: preservation from injury or spoilation of the ruins and other works and relics of prehistoric or primative man within said monument; recreation, domestic uses; municipal and administrative site uses; irrigation; stock grazing and watering; the development, conservation and management of resident and migratory wildlife and wildlife resources, the terms wildlife and wildlife resources include birds and mammals, and all other classes of wild animals and all types of aquatic and land vegetation upon which wildlife is dependent; fire fighting and protection, forest growth, management, improvement and protection; commercial, drinking and sanitary uses; road watering, watershed protection and management; wilderness preservation, flood, soil erosion control; preservation of educational, historic, scientific, scenic, aesthetic and other public values and habitat protection and management.

HOVENWEEP NATIONAL MONUMENT

Exhibits 1 through 5 hereto are those documents creating or affecting the reservation within Water Division No. 7, presently known as Hovenweep National Monument, an illustrative map of which is appended hereto as Exhibit 5. A brief description of each document exhibit follows:

Exhibit 1. Presidential Proclamation, No. 1654, March 2, 1923, 42 Stat. 2299, Establishing Hovenweep National Monument.

Exhibit 2. Presidential Proclamation, April 26, 1951, adding certain lands to Hovenweep National Monument.

Exhibit 3. Presidential Proclamation, November 20, 1952, adding certain lands to Hovenweep National Monument.

Exhibit 4. Presidential Proclamation, April 6, 1956, excluding and adding certain lands to Hovenweep National Monument.

Exhibit 5. U.S.G.S. Map - 15' Quadrangle Sheet (Cajon Mesa, Utah-Colorado) showing the location of Hovenweep National Monument.

HOVENWEEP NATIONAL MONUMENT

Exhibit 1

BY THE PRESIDENT OF THE UNITED STATES OF AMERICA

A PROCLAMATION

[No. 1654—Mar. 2, 1923—42 Stat. 2299]

WHEREAS, there are in southwestern Colorado and southeastern Utah four groups of ruins, including prehistoric structures, the majority of which belong to unique types not found in other National Monuments, and show the finest prehistoric masonry in the United States; and

WHEREAS, the said four groups of ruins are situated upon the public lands owned and controlled by the United States and it appears that the public good would be promoted by reserving these prehistoric remains as a National Monument with as much land as may be necessary for the proper protection thereof,

NOW, THEREFORE, I, Warren G. Harding, President of the United States of America, by virtue of the power in me vested by section two of the act of Congress entitled, "An Act for the Preservation of American Antiquities," approved June 8, 1906 (34 Stat., 225) do proclaim that there is hereby reserved, subject to all prior valid claims, and set apart as a National Monument to be known as the Hovenweep National Monument the lands shown upon the diagram hereto annexed and made a part hereof and more particularly described as follows:

Utah, Salt Lake Base and Meridian

In township thirty-nine south, range twenty-six east, northeast quarter of the northeast quarter and the southwest quarter of the northeast quarter of section twenty, and the southwest quarter of the northwest quarter of section twenty-one; in township forty south, range twenty-five east, northwest quarter of the northwest quarter of section twenty-one.

Colorado, New Mexico Principal Meridian

In township thirty-six north, range twenty west, lot four and southwest quarter of the northwest quarter of section two, and lot six and southwest quarter of the southeast quarter of section three.

Warning is hereby expressly given to all unauthorized persons not to appropriate, injure, destroy, or remove any of the features or objects included within the boundaries of this Monument and not to locate or settle upon any of the lands thereof.

Executive Order No. 3755, dated November 17, 1922, is hereby revoked and such lands thereby temporarily withdrawn and not included in said Hovenweep National Monument by this Proclamation are restored to entry under the public land laws of the United States.

The Director of the National Park Service, under the direction of the Secretary of the Interior, shall have the supervision, management and control of this Monument, as provided in the act of Congress entitled, "An Act to establish a National Park Service, and for other purposes," approved August 25, 1916 (39 Stat., 535), as amended June 2, 1920 (41 Stat., 732).

IN WITNESS WHEREOF, I have hereunto set my hand and caused the seal of the United States to be affixed.

DONE at the City of Washington this second day of March, in the year of our Lord one thousand nine hundred and twenty-three, and [SEAL] of the Independence of the United States of America the one hundred and forty-seventh.

WARREN G. HARDING.

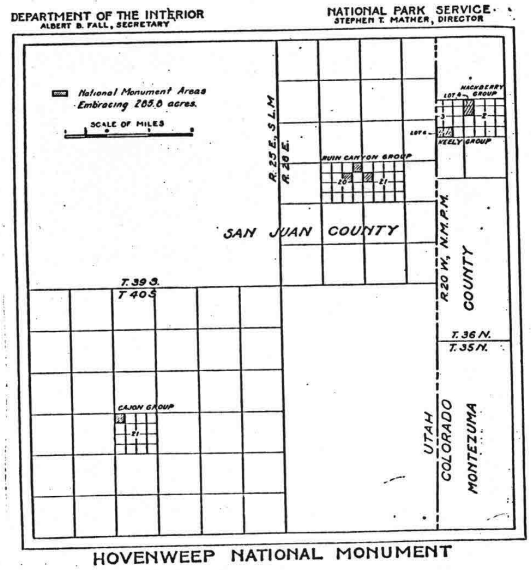
By the President:
CHARLES E. HUGHES,
Secretary of State.

Continued

Hovenweep National Monument ..... Continued

DEPARTMENT OF THE INTERIOR
ALBERT B. FALL, SECRETARY

NATIONAL PARK SERVICE
STEPHEN T. MATHER, DIRECTOR



HOVENWEEP NATIONAL MONUMENT

QUADRANGLE LOCATION

CAJON MESA, UTAH—COLO

EXHIBIT 2

ENLARGING HOVENWEEP NATIONAL MONUMENT
COLORADO AND UTAH

April 26, 1951
[No. 2724]

BY THE PRESIDENT OF THE UNITED STATES OF AMERICA

A PROCLAMATION

43 Stat., Pt. 2, p. 2500.

WHEREAS Proclamation No. 1654 of March 2, 1923, established the Hovenweep National Monument on certain public lands in southwestern Colorado and southeastern Utah for the purpose of protecting and preserving four groups of ruins including structures of the finest prehistoric masonry to be found in the United States; and

WHEREAS it has been determined that the public lands described and set apart as the said Hovenweep National Monument do not include the lands containing one of the said groups of ruins known as the Hackberry Ruin; and

WHEREAS another ruin, known as the Goodman Point Ruin, situated in the vicinity of the Hovenweep National Monument, has been found to be of significance comparable to, and suitable for preservation with, the ruins comprising the said Monument; and

WHEREAS it is deemed desirable in the public interest that the lands embracing the Hackberry Ruin and the Goodman Point Ruin be added to and reserved as parts of the Hovenweep National Monument:

Addition of designated lands as parts of Hovenweep National Monument.

NOW, THEREFORE, I, HARRY S. TRUMAN, President of the United States of America, under and by virtue of the authority vested in me by section 2 of the act of June 8, 1906 (ch. 3060, 34 Stat. 225, 16 U. S. C. 431), do proclaim that, subject to valid existing rights and the provisions of existing withdrawals, the following-described tracts of land in Colorado are hereby added to and reserved as parts of the Hovenweep National Monument:

NEW MEXICO PRINCIPAL MERIDIAN

T. 36 N., R. 20 W.,
Sec. 2, lot 3, and SE¼NW¼
T. 36 N., R. 17 W.,
Sec. 4, lot 2, and SW¼NE¼

Warning is hereby expressly given to all unauthorized persons not to appropriate, injure, destroy, or remove any feature of this monument and not to locate or settle upon any of the lands thereof.

Supervision, etc., of added lands.

The Director of the National Park Service, under the direction of the Secretary of the Interior, shall have the supervision, management, and control of the lands hereby added to this monument as provided in the act of Congress entitled "An Act To establish a National Park Service, and for other purposes," approved August 25, 1916 (39 Stat. 535, 16 U. S. C. 1–3), and acts supplementary thereto or amendatory thereof.

16 U. S. C. §§ 1, 2; 16 U. S. C. §§ 1–4, 22, 43.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the Seal of the United States of America to be affixed.

DONE at the City of Washington this 26th day of April, in the year of our Lord nineteen hundred and fifty-one, and of the Independence of the United States of America the one hundred and seventy-fifth.

[SEAL]

HARRY S TRUMAN

By the President:
DEAN ACHESON
Secretary of State

[illegible] Year of our Lord nineteen hundred and fifty-six, and of the Independence of the United States of America the one hundred and eightieth.

[SEAL]

DWIGHT D. EISENHOWER

By the President:
JOHN FOSTER DULLES,
Secretary of State.

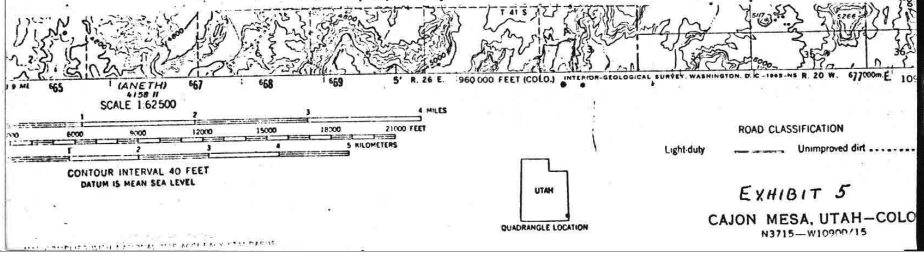


EXHIBIT 5

CAJON MESA, UTAH—COLO
N3715—W10900/15

EXHIBIT 2

ENLARGING HOVENWEEP NATIONAL MONUMENT
COLORADO AND UTAH

April 26, 1951
[No. 2724]

BY THE PRESIDENT OF THE UNITED STATES OF AMERICA

A PROCLAMATION

43 Stat., Pt. 2, p. 2500.

WHEREAS Proclamation No. 1654 of March 2, 1923, established the Hovenweep National Monument on certain public lands in southwestern Colorado and southeastern Utah for the purpose of protecting and preserving four groups of ruins including structures of the finest prehistoric masonry to be found in the United States; and

WHEREAS it has been determined that the public lands described and set apart as the said Hovenweep National Monument do not include the lands containing one of the said groups of ruins known as the Hackberry Ruin; and

WHEREAS another ruin, known as the Goodman Point Ruin, situated in the vicinity of the Hovenweep National Monument, has been found to be of significance comparable to, and suitable for preservation with, the ruins comprising the said Monument; and

WHEREAS it is deemed desirable in the public interest that the lands embracing the Hackberry Ruin and the Goodman Point Ruin be added to and reserved as parts of the Hovenweep National Monument:

Addition of designated lands as parts of Hovenweep National Monument.

NOW, THEREFORE, I, HARRY S. TRUMAN, President of the United States of America, under and by virtue of the authority vested in me by section 2 of the act of June 8, 1906 (ch. 3060, 34 Stat. 225, 16 U. S. C. 431), do proclaim that, subject to valid existing rights and the provisions of existing withdrawals, the following-described tracts of land in Colorado are hereby added to and reserved as parts of the Hovenweep National Monument:

NEW MEXICO PRINCIPAL MERIDIAN

T. 36 N., R. 20 W.,
Sec. 2, lot 3, and SE¼NW¼
T. 36 N., R. 17 W.,
Sec. 4, lot 2, and SW¼NE¼

Warning is hereby expressly given to all unauthorized persons not to appropriate, injure, destroy, or remove any feature of this monument and not to locate or settle upon any of the lands thereof.

Supervision, etc., of added lands.

The Director of the National Park Service, under the direction of the Secretary of the Interior, shall have the supervision, management, and control of the lands hereby added to this monument as provided in the act of Congress entitled "An Act To establish a National Park Service, and for other purposes," approved August 25, 1916 (39 Stat. 535, 16 U. S. C. 1–3), and acts supplementary thereto or amendatory thereof.

16 U. S. C. § 1; 16 U. S. C. §§ 1–4, 22, 43.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the Seal of the United States of America to be affixed.

DONE at the City of Washington this 26th day of April, in the year of our Lord nineteen hundred and fifty-one, and of the Independence of the United States of America the one hundred and seventy-fifth.

[SEAL]

HARRY S TRUMAN

By the President:
DEAN ACHESON
Secretary of State

[SEAL] ... the Independence of the United States of America the one hundred and eightieth.

DWIGHT D. EISENHOWER

By the President:
JOHN FOSTER DULLES,
Secretary of State.

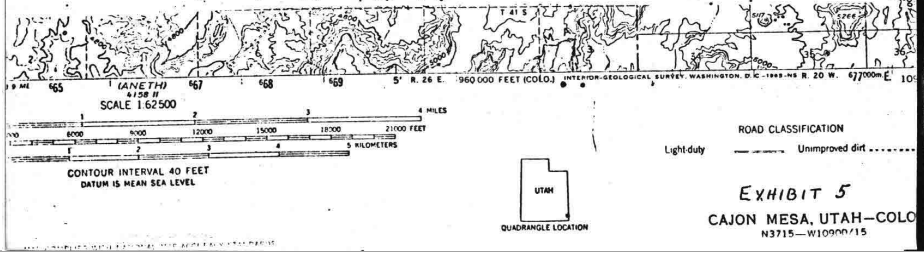


EXHIBIT 5

CAJON MESA, UTAH—COLO
N3715—W10900/15

EXHIBIT 4

REVISING THE BOUNDARIES OF HOVENWEEP NATIONAL MONUMENT UTAH AND COLORADO

April 6, 1956
[No. 3122]

BY THE PRESIDENT OF THE UNITED STATES OF AMERICA

A PROCLAMATION

WHEREAS it appears that public lands described as SW¼NE¼, section 20, Township 39 South, Range 26 East, Salt Lake Base and Meridian, which contain no objects of historic or scientific interest were erroneously included in the Hovenweep National Monument in Utah and Colorado by Proclamation No. 1654 of March 2, 1923 (42 Stat. 2299); and

WHEREAS it appears that public lands described as SE¼NE¼ of such section 20 which contain ruin groups worthy of preservation because of their historic and scientific value were erroneously omitted from the monument; and

WHEREAS there are other public lands contiguous to the monument which contain an important ruin group, Cutthroat Castle, an outstanding example of a defensive structure of the thirteenth century, the preservation of which is desirable because of its historic and scientific value; and

WHEREAS it appears that it would be in the public interest to reserve such lands as an addition to such monument:

Hovenweep National Monument, Utah-Colo.

NOW, THEREFORE, I, DWIGHT D. EISENHOWER, President of the United States of America, under and by virtue of the authority vested in me by section 2 of the act of June 8, 1906, 34 Stat. 225 (16 U. S. C. 431), do proclaim as follows:

1. The following-described lands in the State of Utah are hereby excluded from the Hovenweep National Monument:

UTAH, SALT LAKE BASE AND MERIDIAN

T. 39 S., R. 26 E.,
sec. 20, SW¼NE¼

The lands hereby excluded from the monument shall not be subject to application, location, settlement, entry, or other forms of appropriation under public land laws until further order of an authorized officer of the Department of the Interior.

2. Subject to valid existing rights, the following-described public lands in the States of Utah and Colorado are hereby reserved and added to and made a part of the Hovenweep National Monument and shall be subject to all laws, rules, and regulations applicable to that monument:

UTAH, SALT LAKE BASE AND MERIDIAN

T. 39 S., R. 26 E.,
sec. 20, SE¼NE¼

COLORADO, NEW MEXICO PRINCIPAL MERIDIAN

T. 37 N., R. 19 W.,
sec. 19, SE¼ of Lot 11 and E½SW¼ of Lot 11, excepting a portion of Segregated Tract 63 patented to Edward C. Forest

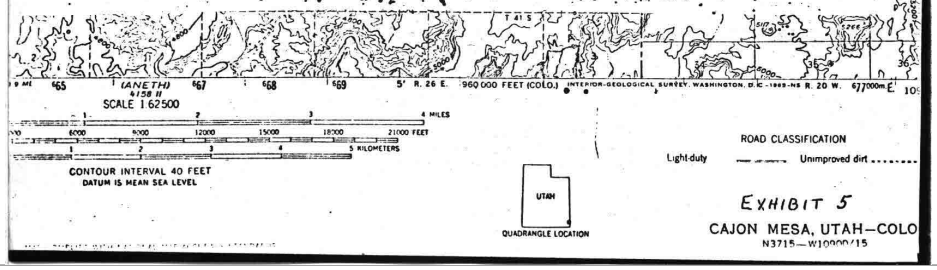
Warning is hereby expressly given to all unauthorized persons not to appropriate, injure, destroy, or remove any feature of this monument and not to locate or settle upon any of the lands thereof.

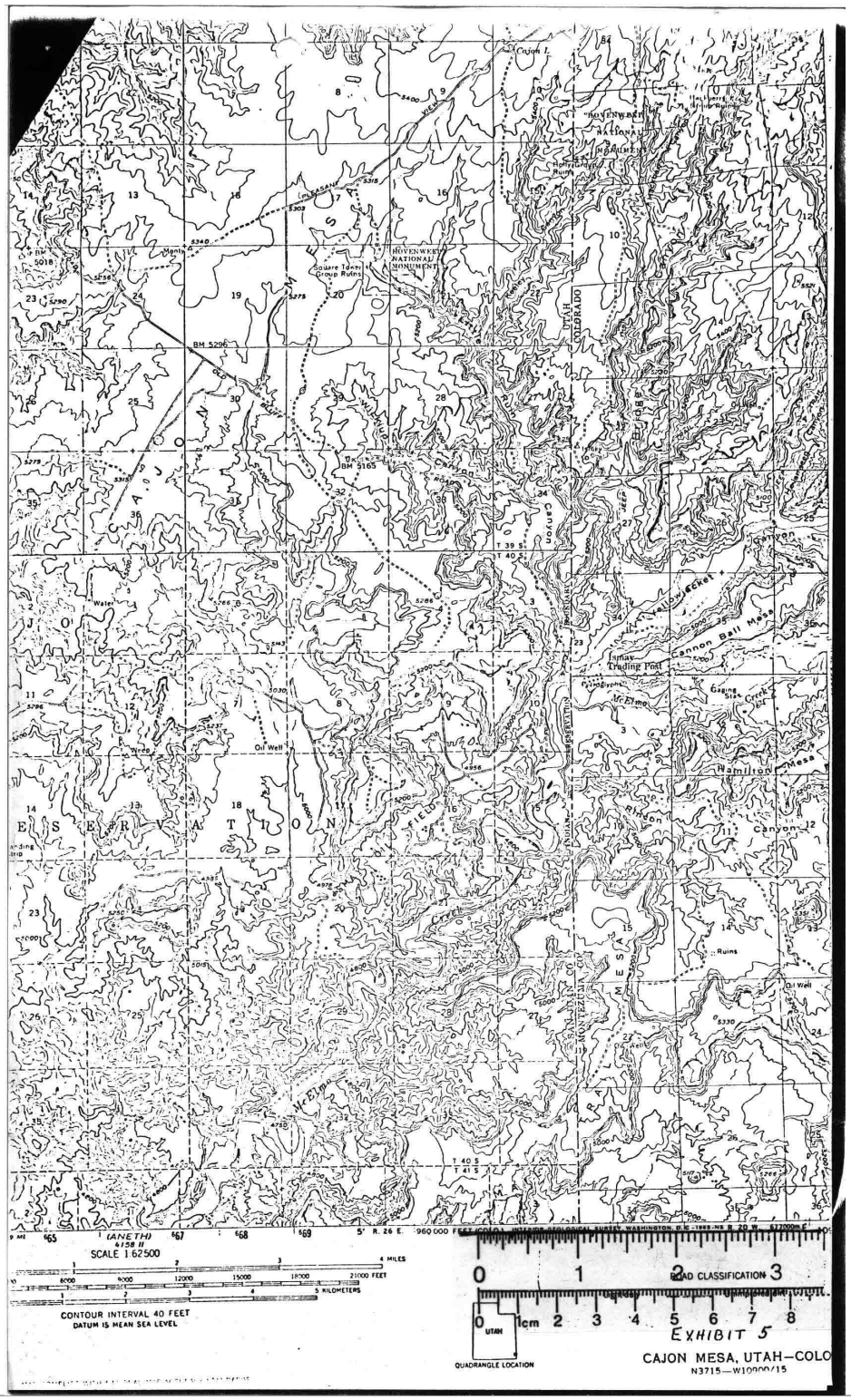
IN WITNESS WHEREOF, I have hereunto set my hand and caused the seal of the United States of America to be affixed.

DONE at the City of Washington this sixth day of April in the year of our Lord nineteen hundred and fifty-six, and of [SEAL] the Independence of the United States of America the one hundred and eightieth.

DWIGHT D. EISENHOWER

By the President:
JOHN FOSTER DULLES,
Secretary of State.




HOVENWEEP NATIONAL MONUMENT
Square Tower Group Ruins
Cajon L.
Hovenweep Ruins
BM 5296
BM 5165
Oil Well
Ismay Trading Post
Cannon Ball Mesa
Hamilton Mesa
Ruins
Mc Elmo
SCALE 1:62500
CONTOUR INTERVAL 40 FEET
DATUM IS MEAN SEA LEVEL
QUADRANGLE LOCATION
ROAD CLASSIFICATION 3
EXHIBIT 5
CAJON MESA, UTAH—COLO
N3715—W10900/15

GENERAL SERVICES ADMINISTRATION
National Archives and Records Service

all to whom these presents shall come, Greeting:

By virtue of the authority vested in me by the Administrator of General Services, I on his behalf, under the seal of the National Archives of the United States, that ed reproduction(s) is a true and correct copy of documents in his custody.

SIGNATURE	Milton O. Gustafson
NAME	MILTON O. GUSTAFSON
DATE	12/9/71
TITLE	Acting Chief, Diplomatic Branch
NAME AND ADDRESS OF DEPOSITORY	The National Archives Washington, D. C. 20408

GSA DC 68-13474

GSA FORM APR 68 6791A

WHEREAS, the said four groups of ruins are situated upon the public lands owned and controlled by the United States and it appears that the public good would be promoted by reserving these prehistoric remains as a National Monument with as much land as may be necessary for the proper protection thereof,

NOW, THEREFORE, I, Warren G. Harding, President of the United States of America, by virtue of the power in me vested by section two of the act of Congress entitled, "An Act for the Preservation of American Antiquities," approved June 8, 1906 (34 Stat., 225) do proclaim that there is hereby reserved, subject to all prior valid claims, and set apart as a National Monument to be known as the Hovenweep National Monument the lands shown upon the diagram hereto annexed and made a part hereof and

NOVEMWEEP NATIONAL MONUMENT

(UTAH - COLORADO)

BY THE PRESIDENT OF THE UNITED STATES OF AMERICA.

A PROCLAMATION.

WHEREAS, there are in southwestern Colorado and southeastern Utah four groups of ruins, including prehistoric structures, the majority of which belong to unique types not found in other National Monuments, and show the finest prehistoric masonry in the United States; and

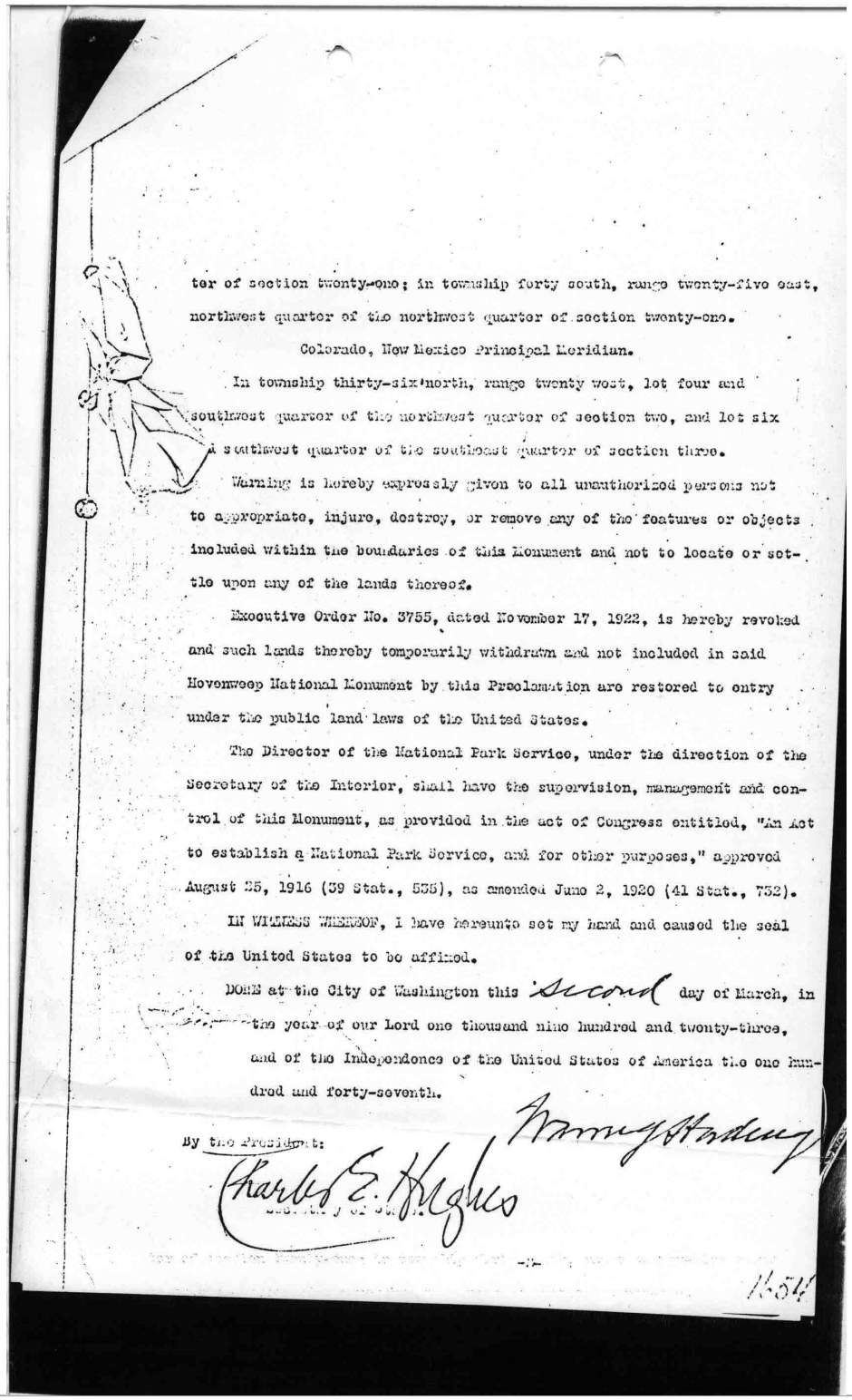
WHEREAS, the said four groups of ruins are situated upon the public lands owned and controlled by the United States and it appears that the public good would be promoted by reserving those prehistoric remains as a National Monument with as much land as may be necessary for the proper protection thereof,

NOW, THEREFORE, I, Warren G. Harding, President of the United States of America, by virtue of the power in me vested by section two of the act of Congress entitled, "An Act for the Preservation of American Antiquities," approved June 8, 1906 (34 Stat., 225) do proclaim that there is hereby reserved, subject to all prior valid claims, and set apart as a National Monument to be known as the Hovenweep National Monument the lands shown upon the diagram hereto annexed and made a part hereof and more particularly described as follows:

Utah, Salt Lake Base and Meridian.

In township thirty-nine south, range twenty-six east, northeast quarter of the northeast quarter and the southwest quarter of the northeast quarter of section twenty, and the southwest quarter of the northwest quar-

GOVT'S EX. A-1 PS



ter of section twenty-one; in township forty south, range twenty-five east, northwest quarter of the northwest quarter of section twenty-one.

Colorado, New Mexico Principal Meridian.

In township thirty-six north, range twenty west, lot four and southwest quarter of the northwest quarter of section two, and lot six and southwest quarter of the southeast quarter of section three.

Warning is hereby expressly given to all unauthorized persons not to appropriate, injure, destroy, or remove any of the features or objects included within the boundaries of this Monument and not to locate or settle upon any of the lands thereof.

Executive Order No. 3755, dated November 17, 1922, is hereby revoked and such lands thereby temporarily withdrawn and not included in said Hovenweep National Monument by this Proclamation are restored to entry under the public land laws of the United States.

The Director of the National Park Service, under the direction of the Secretary of the Interior, shall have the supervision, management and control of this Monument, as provided in the act of Congress entitled, "An Act to establish a National Park Service, and for other purposes," approved August 25, 1916 (39 Stat., 535), as amended June 2, 1920 (41 Stat., 732).

IN WITNESS WHEREOF, I have hereunto set my hand and caused the seal of the United States to be affixed.

DONE at the City of Washington this second day of March, in the year of our Lord one thousand nine hundred and twenty-three, and of the Independence of the United States of America the one hundred and forty-seventh.

Warren G. Harding

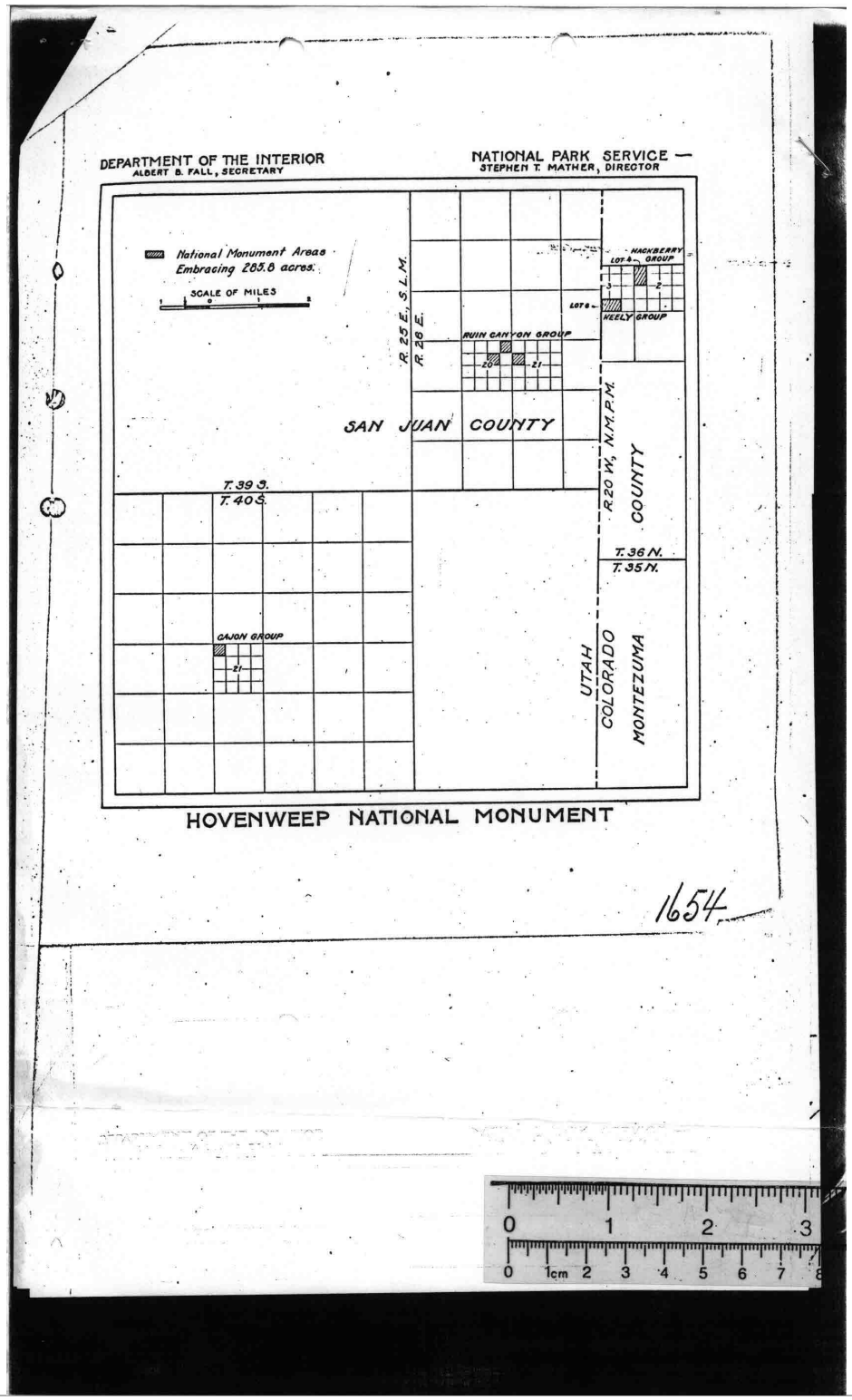
By the President:

Charles E. Hughes

Secretary of State.

-2-

1654


DEPARTMENT OF THE INTERIOR
ALBERT B. FALL, SECRETARY
NATIONAL PARK SERVICE
STEPHEN T. MATHER, DIRECTOR
National Monument Areas
Embracing 285.8 acres.
SCALE OF MILES
R. 25 E., S.L.M.
R. 26 E.
HACKBERRY GROUP
LOT 4
LOT 3
LOT 2
LOT 1
KEELY GROUP
RUIN CANYON GROUP
20
21
SAN JUAN COUNTY
R. 20 W., N.M.P.M.
COUNTY
T. 39 S.
T. 40 S.
T. 36 N.
T. 35 N.
CAJON GROUP
21
UTAH
COLORADO
MONTEZUMA
HOVENWEEP NATIONAL MONUMENT
1654
0 1 2 3
0 1cm 2 3 4 5 6 7

GEN[illegible] SERVICES ADMINISTRATION
National Archives and Records Service

[illegible] all to whom these presents shall come, Greeting:

By virtue of the authority vested in me by the Administrator of General Services, I [illegible] on his behalf, under the seal of the National Archives of the United States, that [illegible]ched reproduction(s) is a true and correct copy of documents in his custody.

SIGNATURE: Milton O. Gustafson
NAME: MILTON O. GUSTAFSON
DATE: 10/27/71
TITLE: Acting Chief, Diplomatic Branch
NAME AND ADDRESS OF DEPOSITORY: The National Archives, Washington, D. C. 20408

GSA DC 68

GSA FORM APR 68 6791A

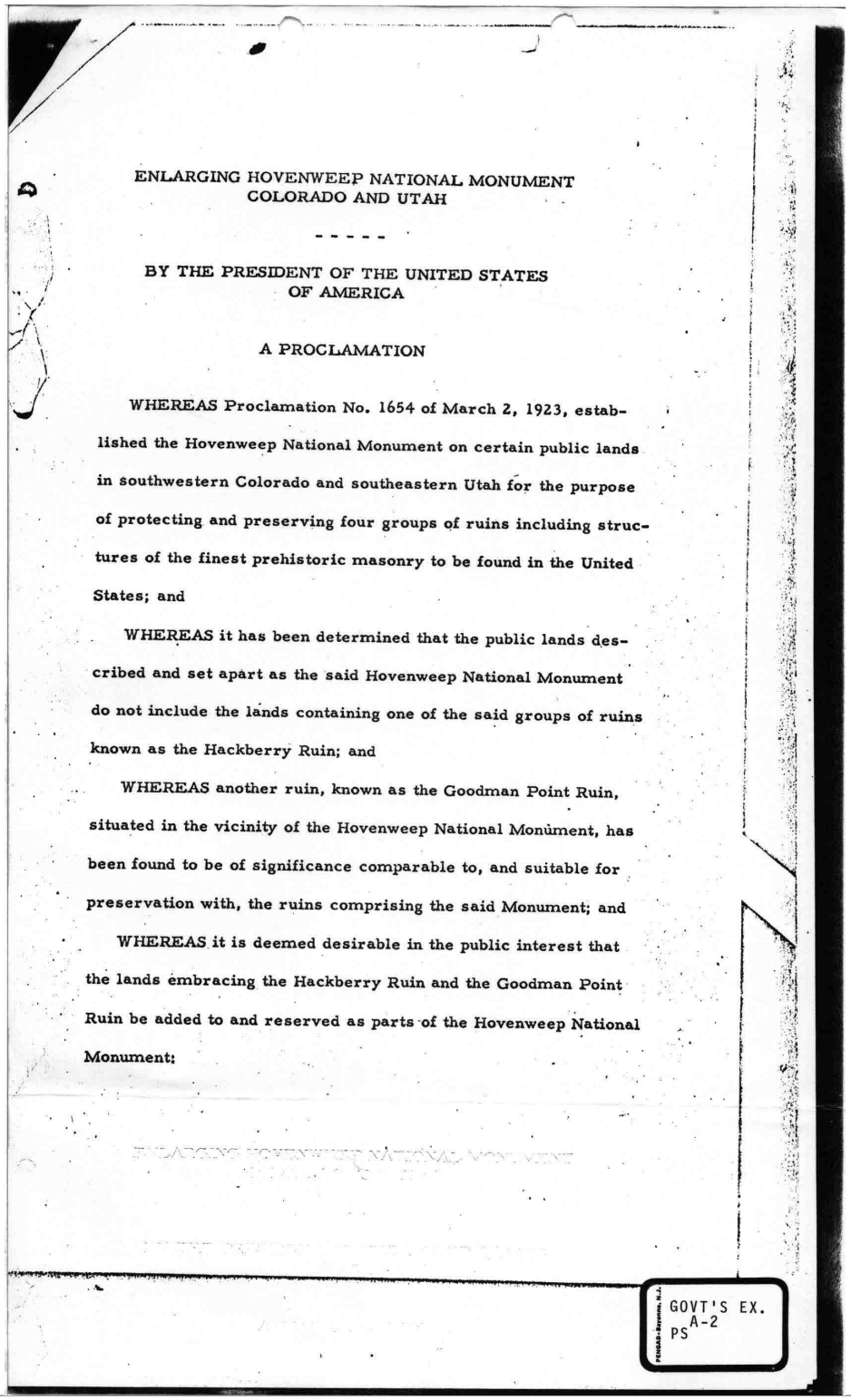
of protecting and preserving four groups of ruins including structures of the finest prehistoric masonry to be found in the United States; and

WHEREAS it has been determined that the public lands described and set apart as the said Hovenweep National Monument do not include the lands containing one of the said groups of ruins known as the Hackberry Ruin; and

WHEREAS another ruin, known as the Goodman Point Ruin, situated in the vicinity of the Hovenweep National Monument, has been found to be of significance comparable to, and suitable for preservation with, the ruins comprising the said Monument; and

WHEREAS it is deemed desirable in the public interest that the lands embracing the Hackberry Ruin and the Goodman Point Ruin be added to and reserved as parts of the Hovenweep National Monument:

GOVT'S EX. A-2 PS



ENLARGING HOVENWEEP NATIONAL MONUMENT
COLORADO AND UTAH

- - - - -

BY THE PRESIDENT OF THE UNITED STATES
OF AMERICA

A PROCLAMATION

WHEREAS Proclamation No. 1654 of March 2, 1923, established the Hovenweep National Monument on certain public lands in southwestern Colorado and southeastern Utah for the purpose of protecting and preserving four groups of ruins including structures of the finest prehistoric masonry to be found in the United States; and

WHEREAS it has been determined that the public lands described and set apart as the said Hovenweep National Monument do not include the lands containing one of the said groups of ruins known as the Hackberry Ruin; and

WHEREAS another ruin, known as the Goodman Point Ruin, situated in the vicinity of the Hovenweep National Monument, has been found to be of significance comparable to, and suitable for preservation with, the ruins comprising the said Monument; and

WHEREAS it is deemed desirable in the public interest that the lands embracing the Hackberry Ruin and the Goodman Point Ruin be added to and reserved as parts of the Hovenweep National Monument;

GOVT'S EX.
PS A-2

NOW, THEREFORE, I, HARRY S. TRUMAN, President of the United States of America, under and by virtue of the authority vested in me by section 2 of the act of June 8, 1906 (ch. 3060, 34 Stat. 225, 16 U.S.C. 431), do proclaim that, subject to valid existing rights and the provisions of existing withdrawals, the following-described tracts of land in Colorado are hereby added to and reserved as parts of the Hovenweep National Monument:

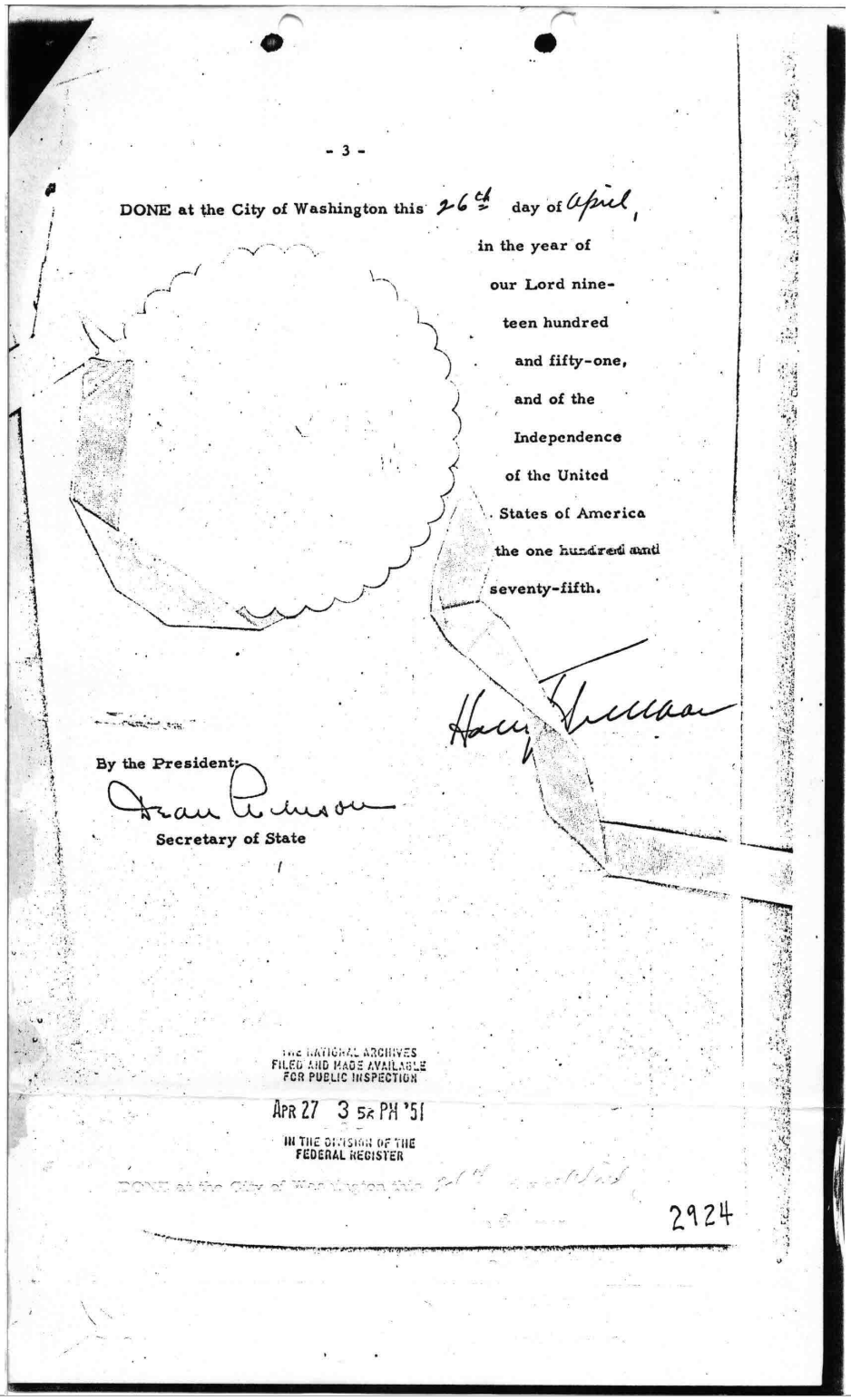
New Mexico Principal Meridian

T. 36 N., R. 20 W.,
Sec. 2, lot 3, and SE 1/4 NW 1/4
T. 36 N., R. 17 W.,
Sec. 4, lot 2, and SW 1/4 NE 1/4

Warning is hereby expressly given to all unauthorized persons not to appropriate, injure, destroy, or remove any feature of this monument and not to locate or settle upon any of the lands thereof.

The Director of the National Park Service, under the direction of the Secretary of the Interior, shall have the supervision, management, and control of the lands hereby added to this monument as provided in the act of Congress entitled "An Act To establish a National Park Service, and for other purposes," approved August 25, 1916 (39 Stat. 535, 16 U.S.C. 1-3), and acts supplementary thereto or amendatory thereof.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the Seal of the United States of America to be affixed.



- 3 -

DONE at the City of Washington this 26th day of April, in the year of our Lord nineteen hundred and fifty-one, and of the Independence of the United States of America the one hundred and seventy-fifth.

Harry Truman

By the President:

Dean Acheson

Secretary of State

THE NATIONAL ARCHIVES
FILED AND MADE AVAILABLE
FOR PUBLIC INSPECTION

APR 27 3 58 PM '51

IN THE DIVISION OF THE
FEDERAL REGISTER

2924

GENERAL SERVICES ADMINISTRATION
National Archives and Records Service

all to whom these presents shall come, Greeting:

y virtue of the authority vested in me by the Administrator of General Services, I on his behalf, under the seal of the National Archives of the United States, that hed reproduction(s) is a true and correct copy of documents in his custody.

SIGNATURE: Milton O. Gustafson

NAME: MILTON O. GUSTAFSON

DATE: 12/13/7[illegible]

TITLE: Chief, Diplomatic Branch

NAME AND ADDRESS OF REPOSITORY:

The National Archives
Washington, D. C. 20408

GSA FORM 6791A (REV. 68)

GSA DC [illegible]74

ENLARGING THE HOVENWEEP NATIONAL MONUMENT
COLORADO AND UTAH

BY THE PRESIDENT OF THE UNITED STATES OF AMERICA

A PROCLAMATION

WHEREAS Proclamation No. 1654 of March 2, 1923, established the Hovenweep National Monument on certain public lands in southwestern Colorado and southeastern Utah for the purpose of preserving four groups of ruins, including structures of the finest prehistoric masonry found in the United States, and Proclamation No. 2924 of April 26, 1951, added to the monument certain other public lands in southwestern Colorado containing other significant ruins; and

WHEREAS other public lands, contiguous to a portion of the lands now comprising the said monument, have been found to contain very important archeological sites, including small pueblos and an exceptional and significant great kiva (a large circular semi-subterranean ceremonial room), the inside and overall diameters of which are approximately 60 and 100 feet, respectively, which kiva has never been excavated by archeologists or vandalized by unauthorized digging; and

WHEREAS it appears that it would be in the public interest to reserve the lands embracing such archeological sites as a part of the said monument:

NOW, THEREFORE, I, HARRY S. TRUMAN, President of the United States of America, under and by virtue of the authority vested in me by section 2 of the act of June 8, 1906, 34 Stat. 225 (16 U.S.C. 431), do hereby proclaim that, subject to valid existing rights and the provisions of existing withdrawals, the following-described lands in Colorado are hereby added to and reserved as a part of the Hovenweep National Monument:

GOVT'S EX.
A-3
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New Mexico Principal Meridian
T. 36 N., R. 17 W.,
sec. 4, lot 3, SE 1/4 NW 1/4, and E 1/2 SW 1/4 NW 1/4

The area described contains 81.02 acres, more or less.

Warning is hereby expressly given to all unauthorized persons not to appropriate, injure, destroy, or remove any features of this monument and not to locate or settle upon any of the lands thereof.

The Director of the National Park Service, under the direction of the Secretary of the Interior, shall have the supervision, management, and control of the lands hereby added to this monument as provided in the Act of Congress entitled "An Act to establish a National Park Service, and for other purposes", approved August 25, 1916, 39 Stat. 535 (16 U.S.C. 1-3), and acts supplementary thereto or amendatory thereof.

IN WITNESS WHEREOF I have hereunto set my hand and caused the Seal of the United States of America to be affixed.

DONE at the City of Washington this 20th day of November in the year of our Lord nineteen hundred and fifty-two and of the Independence of the United States of America the one hundred and seventy-seventh.

Harry Truman

By the President:

David Bruce
Acting Secretary of State

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GENERAL SERVICES ADMINISTRATION
National Archives and Records Service

all to whom these presents shall come, Greeting:

By virtue of the authority vested in me by the Administrator of General Services, I on his behalf, under the seal of the National Archives of the United States, that ed reproduction(s) is a true and correct copy of documents in his custody.

SIGNATURE	
Milton O. Gustafson	
NAME	DATE
MILTON O. GUSTAFSON	12/9/71
TITLE	
Acting Chief, Diplomatic Branch	
NAME AND ADDRESS OF DEPOSITORY	
The National Archives Washington, D. C. 20408	

GSA DC 68-13474

GSA FORM APR 68 6791A

of March 2, 1923 (42 Stat. 2077), and

WHEREAS it appears that public lands described as SE1/4NE1/4 of such section 20 which contain ruin groups worthy of preservation because of their historic and scientific value were erroneously omitted from the monument; and

WHEREAS there are other public lands contiguous to the monument which contain an important ruin group, Cutthroat Castle, an outstanding example of a defensive structure of the thirteenth century, the preservation of which is desirable because of its historic and scientific value; and

WHEREAS it appears that it would be in the public interest

REVISING THE BOUNDARIES OF HOVENWEEP
NATIONAL MONUMENT
UTAH AND COLORADO

BY THE PRESIDENT OF THE UNITED STATES OF AMERICA

A PROCLAMATION

WHEREAS it appears that public lands described as SW1/4NE1/4, section 20, Township 39 South, Range 26 East, Salt Lake Base and Meridian, which contain no objects of historic or scientific interest were erroneously included in the Hovenweep National Monument in Utah and Colorado by Proclamation No. 1654 of March 2, 1923 (42 Stat. 2299); and

WHEREAS it appears that public lands described as SE1/4NE1/4 of such section 20 which contain ruin groups worthy of preservation because of their historic and scientific value were erroneously omitted from the monument; and

WHEREAS there are other public lands contiguous to the monument which contain an important ruin group, Cutthroat Castle, an outstanding example of a defensive structure of the thirteenth century, the preservation of which is desirable because of its historic and scientific value; and

WHEREAS it appears that it would be in the public interest to reserve such lands as an addition to such monument:

NOW, THEREFORE, I, DWIGHT D. EISENHOWER, President of the United States of America, under and by virtue of the authority vested in me by section 2 of the act of June 8, 1906, 34 Stat. 225 (16 U.S.C. 431), do proclaim as follows:

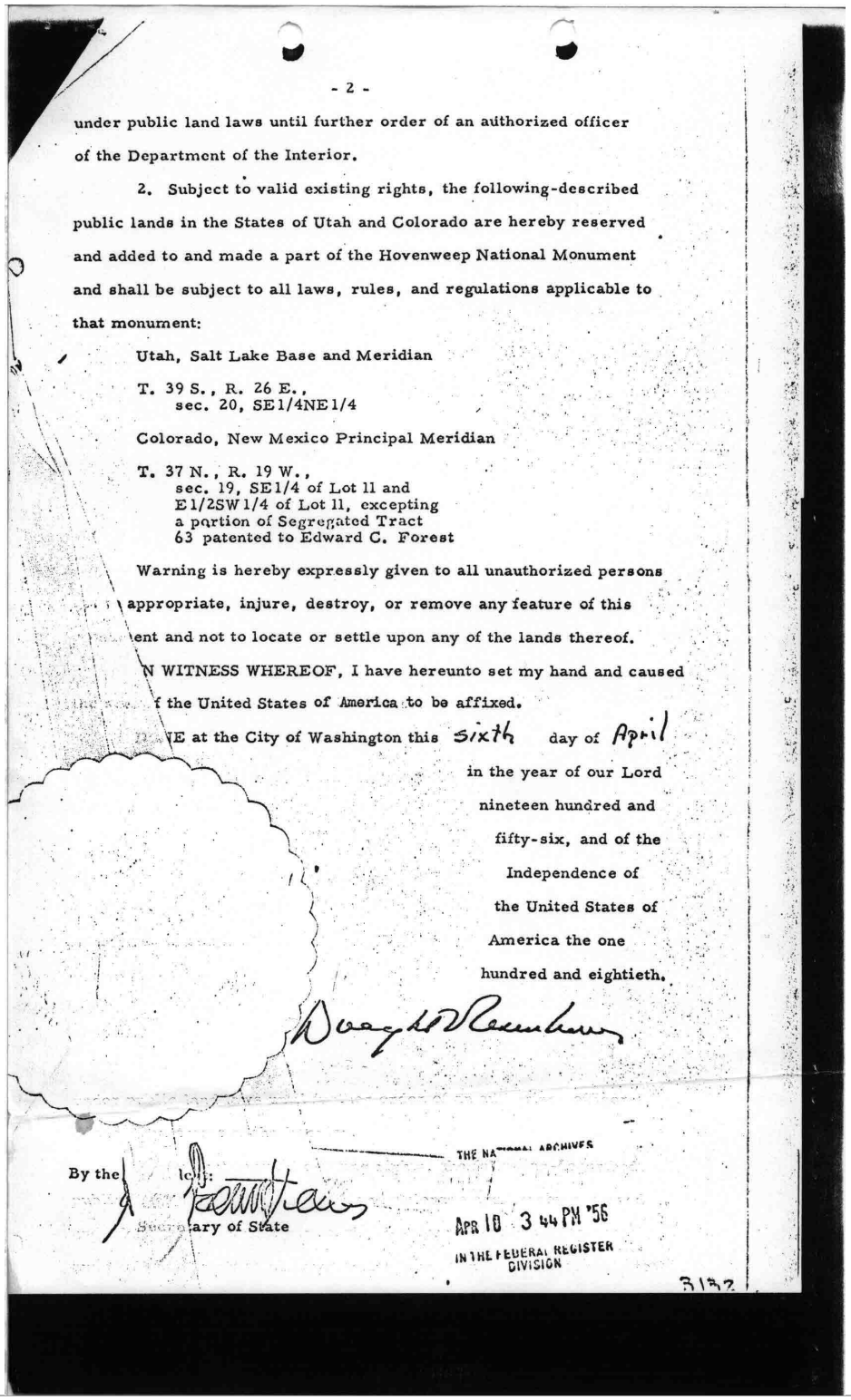
1. The following-described lands in the State of Utah are hereby excluded from the Hovenweep National Monument:

Utah, Salt Lake Base and Meridian

T. 39 S., R. 26 E., sec. 20, SW1/4NE1/4

The lands hereby excluded from the monument shall not be subject to application, location, settlement, entry, or other forms of appropriation

GOVT'S EX. A-4 PS



under public land laws until further order of an authorized officer of the Department of the Interior.

2. Subject to valid existing rights, the following-described public lands in the States of Utah and Colorado are hereby reserved and added to and made a part of the Hovenweep National Monument and shall be subject to all laws, rules, and regulations applicable to that monument:

Utah, Salt Lake Base and Meridian

T. 39 S., R. 26 E.,
sec. 20, SE1/4NE1/4

Colorado, New Mexico Principal Meridian

T. 37 N., R. 19 W.,
sec. 19, SE1/4 of Lot 11 and
E1/2SW1/4 of Lot 11, excepting
a portion of Segregated Tract
63 patented to Edward C. Forest

Warning is hereby expressly given to all unauthorized persons appropriate, injure, destroy, or remove any feature of this ent and not to locate or settle upon any of the lands thereof.

N WITNESS WHEREOF, I have hereunto set my hand and caused f the United States of America to be affixed.

E at the City of Washington this sixth day of April in the year of our Lord nineteen hundred and fifty-six, and of the Independence of the United States of America the one hundred and eightieth.

Dwight D. Eisenhower

By the ary of State

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Supporting Hydro Data

Analysis of Future Visitation and Consumptive Water Use
HOVENWEEP National Monument (HOVE)

Prepared by H. Barreto
Reviewed by W. Hansen
Approved by D. McGlothlin
National Park Service
Water Resource Division, Water Rights Branch
Completed: August 25, 1997

Objective

To update the estimate of the amount of water needed for future consumptive use purposes at Hovenweep National Monument (HOVE) to support water rights claims in Utah.

Previous Estimates

Mary Hermes, Research Associate, Water Rights Branch, estimated the future consumptive water use at HOVE to be 8.0 acre-feet per annum (*April 1990*). Hermes computed consumptive use by estimating individual requirements, i.e., visitation, residential housing and maintenance uses *(see Appendix 1)*.

A review of Hermes estimate was made to determine if the need for projected facilities has changed since 1990. The only difference noted was an increase in the number of seasonal housing units from three to four *(see E-mail message from Art Hutchinson dated July 7, 1997)*. The new data increases the consumptive use for administrative, residential and camping facilities from 4.35 to 4.52 acre-feet per annum. It however, does not affect the total consumptive water use estimate of 8.0 acre-feet per annum when including water use for fire suppression, lawn and garden watering and river stabilization.

Additional visitation and water use data are now available, thus the need to reexamine the old and updated Hermes' estimates.

Available Data

Table 1 presents metered water use and visitation for 1960-1996 (*Compiled by Harold Welty and Rick Shireman from Mesa Verde National Park*). Throughout this report, metered water use is assumed to match consumptive use.

Visitation estimates were made from head counts at the Visitor Center, number of vehicles entering the Park (the 1996 average is 2.7 visitors per vehicle) and individual fees and back-country permits (*Shireman, personal communication, 8-14-97*).

In addition, HOVE estimated the carrying capacity to be about 100,000 visitors per annum for this assessment. This estimate was based on current and projected facilities and staff (*Art Hutchinson, HOVE's Manager, personal communication, 8/22/97*).

Table 1. Consumptive Water Use and Visitation 1960-1996

Year	Gallons/Year	Acre-Feet per Year	No. of Visitors per Year	Usage Gal/Person (Column 1/Column 3)
1960	no data	no data	2,817	not applicable
1961	no data	no data	3,334	not applicable
1962	no data	no data	4,002	not applicable
1963	no data	no data	5,295	not applicable
1964	no data	no data	6,438	not applicable
1965	no data	no data	7,570	not applicable
1966	no data	no data	7,050	not applicable
1967	no data	no data	7,242	not applicable
1968	no data	no data	8,231	not applicable
1969	no data	no data	7,163	not applicable
1970	no data	no data	9,612	not applicable
1971	no data	no data	11,964	not applicable
1972	no data	no data	12,052	not applicable
1973	no data	no data	12,004	not applicable
1974	no data	no data	11,003	not applicable
1975	no data	no data	13,205	not applicable
1976	no data	no data	19,384	not applicable
1977	no data	no data	18,213	not applicable
1978	no data	no data	17,915	not applicable
1979	no data	no data	15,006	not applicable
1980	no data	no data	13,757	not applicable
1981	no data	no data	13,699	not applicable
1982	no data	no data	14,245	not applicable
1983	no data	no data	14,328	not applicable
1984	no data	no data	18,846	not applicable
1985	212,483	.65	14,977	14.2

1986	299,730	.92	16,139	18.6
1987	304,490	.93	19,112	15.9
1988	300,670	.92	22,522	13.4
1989	505,740	1.6	27,000	18.7
1990	359,840	1.1	28,144	12.8
1991	496,160	1.5	27,048	18.3
1992	434,950	1.3	27,525	15.8
1993	472,400	1.5	25,999	18.2
1994	409,930	1.3	25,250	16.2
1995	526,150	1.6	27,487	19.1
1996 [1]	392,470	1.2	28,169	13.9
Average	392,959 [2]	1.2 [2]	14,877 [2]	16.5 [2]

[1] Government shutdown: data not used because it does not reflect total for the year
[2] Average excludes 1996

Methods and Analysis

Estimates of future consumptive water use were developed using metered water use (1985-1995) and visitation (1960-1995) and projecting both to the year 2046 (a 50-year period -- started with 1995 visitation). The 50-year projection is considered reasonable based upon available data and the National Park Service's obligation to manage resources in the future. The projections are based upon the premise that consumptive use of water at HOVE is linked to the level of visitation, i.e., as visitation increases, so will consumptive use.

A linear regression of visitation for 1960 through 1995 was derived (Visitation=-1,345,827 + (688 * Year)) with an r^2 of 0.89. This regression was used to determine when visitation would reach 100,000 visitors per year and to project the visitation in 2046. *Table 3* shows that visitation will reach the carrying capacity in the year 2101 (outside of the 50-year projection) and that an estimated 61,821 people will visit the park in the year 2046

Summary of Methods

Four methods were used to project future consumptive water use at HOVE using available data and reasonable approaches. All methods are described below and results are summarized in *Table 3*.

Method 1

Multiplied the average annual water use for 1985-1995 (16.5 gallons per person) by the projected visitation at carrying capacity in 2101 and in the year 2046.

Method 2

Computed the annual rate of visitation growth between 1960 and 1995 (*Table 2*). Water use as assumed to correspond with visitation and was compounded 5.4% per annum, beginning in 1995 until

carrying capacity was reached in 2021 and for the year 2046.

Table 2. Method 2 -- Projection of 5.4% Annual Increase

Year	No. of Visitors	Gallons/Year	Acre-Feet/Year
1996	28917	554,562	1.7
1997	30,536	584,508	1.8
1998	32,185	616,072	1.9
. . .	. . .	. . .	. . .
2020	97,119	1,859,021	5.7
2021	102,363	1,959,408	6.0
2022	107,891	2,065,216	6.3
. . .	. . .	. . .	. . .
2044	361,674	6,923,082	21.3
2045	381,204	7,296,929	22.4
2046	401,789	7,690,963	23.6

Method 3

Visitation and metered water use were regressed (Water use= -36,796 + (Visitation * 18)) with an r^2 of 0.71 (1985-1995). This regression equation was used to project water needs at carrying capacity and in the year 2046.

Method 4

Estimated visitation in 2046 was divided by the 1995 visitation, resulting in a factor of 2.3. Future consumptive water in 2046 was calculated by multiplying the 1995 water use (526,150 gallons) by 2.3. Carrying capacity in the year 2101 was divided by the 1995 visitation, resulting in a factor of 3.6. Future consumptive use in 2101 was calculated by multiplying the 1995 water use by 3.6.

Table 3. Summary of Results and Comparison of Methods 1-4.

	Method 1	*Method 2*	*Method 3*	*Method 4*
Year Carrying Capacity Reached (100,000)	2101	2021	2101	2101
Visitation in 2046 (50 years)	61,821	401,789	61,821	61,821
Future Cons. Water Use at Carrying Capacity (acre-feet)	5.1	6.0	5.4	5.9
Future Cons. Water Use in the Year 2046 (acre-feet)	3.1	23.6	3.3	3.7

Conclusions and Recommendations

The previous estimate for future consumptive water use at HOVE is 8.0 acre-feet per year. Four methods were used to update the estimate of future consumptive water in the year 2046 as shown in *Table 3.* Future consumptive water use in the year 2046 varied from 3.1 to 23.6 acre-feet per year. Water use at carrying capacity varied from 5.1 to 6.0 acre-feet per year. Visitation has been variable since 1960 and has not necessarily increased each year. Therefore it appears that Method 2, which compounds visitation and water use at 5.4 percent per annum, is unreasonable.

All other results are similar in magnitude, therefore, it is recommended that the NPS continue to use the Hermes estimate of 8.0 acre-feet per year. This value appears to be the most conservative reasonable estimate and will provide the water necessary to meet future needs of visitors and administrative staff.

ESTIMATED FUTURE CONSUMPTIVE WATER NEEDS FOR THE GOODMAN POINT UNIT OF HOVENWEEP NATIONAL MONUMENT

Prepared by Mary Hermes, April 5, 1990

Hovenweep National Monument (HOVE) was established by Presidential Proclamation 1654 on March 2, 1923. Adjustments including the addition of lands were made to the boundaries of HOVE in 1951, 1952, 1956, and 1962. Presently, HOVE consists of six separate units of prehistoric pueblos and towers in southwestern Colorado and southeastern Utah. These units have been identified by the National Park Service (NPS) as follows: Square Tower, Holly, Hackberry, Cutthroat Castle, Cajon, and Goodman Point. The Holly, Hackberry, Cutthroat Castle, and Goodman Point units of the monument are in Colorado. The Square Tower unit, which serves as the monument's headquarters, and the Cajon unit are located in Utah. According to the Environmental Assessment for the General Management Plan and Development Concept Plan, Hovenweep National Monument, Colorado and Utah (NPS, 1985), alternatives being considered regarding the development of HOVE, include facilities at the Goodman Point unit of HOVE in Colorado as well as the Square Tower unit in Utah. Thus, to determine the amount of water to be claimed for future consumptive water needs in Colorado under a Federal reserved water right, an estimate of future consumptive water use at the Goodman Point unit of HOVE was made.

Due to a lack of information on the maximum visitor capacity at HOVE, visitation records at the Square Tower unit of HOVE were used in estimating future consumptive water needs at Goodman Point. Although present visitation at the Goodman Point unit of HOVE is only a fraction of the visitation occurring at the Square Tower unit, if the Goodman Point unit is developed and the ruins excavated, visitation to this unit is likely to increase dramatically. Considering the fact that Goodman Point is closer in proximity to Cortez and Mesa Verde National Park, it is probable that the visitation at Goodman Point will eventually exceed the visitation to the Square Tower unit. Having little information to predict future visitation at Goodman Point, however, it seemed reasonable to assume that in fifty years the visitation at the Goodman Point unit of HOVE would be approximately equal to the visitation at the Square Tower unit. It was also assumed that in fifty years staff and visitor facilities at the Goodman Point unit would be comparable to those at the Square Tower unit. Based on these assumptions, estimates of the future visitation and expected water use at the Goodman Point unit were made.

To estimate future visitation at the Square Tower unit of HOVE, a linear projection of annual visitation was made based on the ten-year period of record from 1980-1989. A ten-year period of record was selected because the Rocky Mountain Regional Office normally uses a ten-year period of record when making linear

projections of expected visitation at NPS units. Using the linear regression equation, the visitation in 2040 at the Square Tower unit was estimated to be 88,000 people. Thus, the visitation at the Goodman Point in 2040 was also assumed to be 88,000 people.

An estimate of the type and number of facilities to be developed at Goodman Point fifty years from now was made based on the facilities presently existing at the Square Tower unit and projected developments at the Square Tower unit. Presently, facilities at the Square Tower unit include a ranger station, a campground, and park employee residences. The ranger station contains a small visitor contact area with interpretive exhibits, information, and orientation. A rest room with a flush toilet is available at the ranger station for visitor use. The campground has 31 camping sites and a rest room with running water and flush toilets. Park residences at the Square Tower unit in service at this time include a 3-bedroom house and a 3-bedroom trailer house. These facilities house the permanent NPS employees at HOVE and both of the facilities are equipped with potable water and septic systems. A second trailer house has just been moved to HOVE, and water and sewer hook-ups will be completed at this residence some time next year. Under alternatives outlined by the NPS (1985), facilities at the Square Tower unit could be increased to three permanent residences and three seasonal employee apartments.

Assuming, in fifty years, the developments at Goodman Point are similar to those at Square Tower, facilities at Goodman Point would consist of three permanent and three seasonal housing units, a campground, and a interpretive center/ranger station. Calculations of water use associated with these facilities were made as follows:

Three year-round residences--assuming 4 people per residence:

3 res.(75 gpcd[1])(4 people/res.)(365 days)=328,500 gals.

Three seasonal residences--assuming 4 people per residence and an average season length of 180 days:

3 res.(75 gpcd[1])(4 people/res.)(180 days)=162,000 gals.

31-site campground--assuming 15%[2] of visitors stay one night at the campground and have access to a bathhouse:

35 gpc[1](88,000 people)(15%)=462,000 gals.

Visitor center:

5 gpc[1](88,000 people)=440,000 gals.

Maintenance staff use:

50 gpcd[1] (1 person)(261 days)=13,050 gals.

Administrative and interpretive permanent staff use:

10 gpcd[1] (3 people)(261 days)=7,830 gals.

Temporary staff use:

10 gpcd[1] (3 people)(130 days)=3,900 gals.

The above calculations indicate in fifty years, the water use at the Goodman Point unit of HOVE could approach 1,417,280 gallons or approximately 4.35 acre-feet. These calculations, however, do not include water for fire suppression, lawn and garden watering, or ruin stabilization. An additional 3.65 acre-feet of water should be claimed for these uses. Therefore, the amount of water to be claimed under a Federal reserved water right for the Goodman Point unit of HOVE is approximately 8.0 acre-feet per year.

Mary Hermes
Research Associate

[1] Values of water use taken from the Manual of Individual Water Supply Systems published by the U.S. Environmental Protection Agency.

[2] Estimated from information in the Statement for Management, Hovenweep National Monument, Colorado-Utah published by the National Park Service.

REFERENCES

National Park Service, Environmental Assessment for the General Management Plan and Development Concept Plan, Hovenweep National Monument, Colorado and Utah, 1985, 106 p.

National Park Service, Rocky Mountain Region, Statement for Management, Hovenweep National Monument, Colorado-Utah, 1987, 24 p.

U.S. Environmental Protection Agency, Manual of Individual Water Supply Systems, Washington, D.C., 1982, pp.15-16.

Whalon, Alan, Visitor Use Statistics for Hovenweep National Monument, written comm. received August 2, 1989.

Docket Information

Number of Documents in Docket 110

Documents Dated from 4/26/1951 to 4/24/2000

Docket Compiled: 4/12/2011