



WATER-RIGHT DOCKET

Golden Spike National Historic Site

Docket No: 1

WELL.

Preliminary Docket Information

02-01-2002: Note to File: Water rights at Golden Spike NHS

NOTE TO FILE

The NPS and the State of Utah (Utah) agreed to initiate discussions re: water rights at Golden Spike NHS after the successful completion of the Zion National Park Water Rights Settlement in 1996. The Stipulation (signed January 16, 2002) will be included in the Proposed Determination for all rights to the use of water, both surface and underground, within Box Elder County, Utah, Great Salt Lake Division, Area 13 (Civil No. 7822). The NPS and Utah will cooperate in obtaining an interlocutory decree from the First Judicial District Court.

William R. Hansen
February 1, 2002



IN REPLY REFER TO:

United States Department of the Interior

NATIONAL PARK SERVICE

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

January 18, 2002

L54 (2380)
GOSP/RABR/Water Rights

Mr. Jerry D. Olds, P.E.
Assistant State Engineer, Technical Services
Utah Division of Water Rights
Utah Department of Natural Resources
1594 W. North Temple, Suite 210
Salt Lake City, Utah 84114-6300

Re: Golden Spike NHS and Rainbow Bridge NM Agreements

Dear Jerry:

Please find enclosed your copies of the final water rights agreements for Golden Spike National Historic Site and Rainbow Bridge National Monuments. They were finalized on January 16, 2001 when Andy Walch signed them.

We want to again express our sincere thanks for your individual efforts and the States positive approach to resolving water rights issues for National Park Service (NPS) units in Utah. We look forward to trying to resolve water rights issues for the remaining NPS units, and particularly Natural Bridges and Timpanogos Cave National Monuments.

If you have any questions with regard to these two agreements please call Bill Hansen, at (970) 225-3532.

Sincerely,

Charles W. Pettee
Chief, Water Rights Branch

Enclosures

Cc: GOSP - Superintendent (w/ GOSP agreement)
GLCA - Superintendent (w/ RABR agreement)
IMRO - Wade, Ladd, and Reber (w/ both agreements)
Utah State Coordinator - Knox (w/ both agreements)
DoJ - Randle (w/ both agreements)
SOL - Ross, Karkut, Fahmy (w/ both agreements)
2380 (email) - Soukup, Kimball, Kliwinski, Jackson, Flora, Hansen, McGlothlin,
Albright



IN THE DISTRICT COURT OF THE FIRST JUDICIAL DISTRICT
IN AND FOR BOX ELDER COUNTY, STATE OF UTAH

IN THE MATTER OF THE GENERAL)
DETERMINATION OF ALL THE RIGHTS)
TO THE USE OF WATER, BOTH)
SURFACE AND UNDERGROUND,)
WITHIN BOX ELDER COUNTY,)
UTAH, GREAT SALT LAKE DIVISION,)
AREA 13.)

STIPULATION
Civil No. 7822

SNOWVILLE, PROMONTORY POINT)
AND VICINITY)

- A. Whereas, on December 4, 1956, pursuant to Title 73, Chapter 4, Utah Code Annotated 1953, as amended, the State of Utah ("Utah"), initiated a statutory adjudication of water rights in the First Judicial District Court of the State of Utah in and for Box Elder County (Civil No. 7822), which adjudication encompasses all the rights to the use of water, both surface and ground water, within the portion of the Great Salt Lake drainage in Box Elder County, including Snowville, Promontory Point and other areas.
- B. Whereas, the Golden Spike National Historic Site ("Golden Spike"), which is administered by the Department of the Interior, National Park Service, is located within the drainage covered by the statutory adjudication.
- C. Whereas, the United States of America (the "United States") was properly served and made a party to the statutory adjudication, and timely filed a Statement of Water User's Claim for Water Right No. 13-2131, for the use of water on those lands contained within Golden Spike.
- D. Whereas, the United States and Utah hereby enter into this Stipulation, effective as of the date set forth below, to resolve any current or future controversies with respect to the water rights held by the United States for the use of water at Golden Spike.

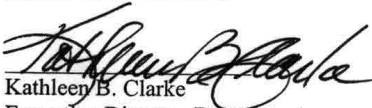
The United States and Utah hereby stipulate that the water rights held by the United States for the use of water at the Golden Spike National Historic Site shall be as follows:

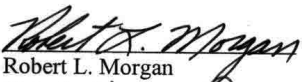
1. Golden Spike was established by Congress on July 30, 1965 to commemorate the completion of the first transcontinental railroad across the United States. See 79 Stat. 426, 16 U.S.C. § 461. It is to be administered, protected, and developed subject to the provisions of the Act entitled "An Act to establish a National Park Service, and for other purposes", enacted August 25, 1916 (39 Stat. 525), as amended and supplemented, and the Act entitled, "An Act to provide for the preservation of historic American sites, buildings, objects, and antiquities of national significance, and for other purposes", approved August 21, 1935 (49 Stat. 666), as amended.
2. All of the lands within Golden Spike were acquired for the purpose of establishing Golden Spike and are shown on Appendix A, which is incorporated herein by reference.
3. Pursuant to Utah law, the United States properly acquired Water Right No. 13-2131 (A38193), for use of water at Golden Spike. Water Right No. 13-2131 has a priority date of April 6, 1967, and is for a maximum flow rate of 0.044 cubic feet per second from a six inch (6") well, 423 feet deep, located at a point South 456 feet, East 102 feet from the Northwest Corner, Section 9, Township 10 North, Range 6 West, Salt Lake Base & Meridian (SLB&M), for year-round use for administrative purposes at Golden Spike, including but not limited to domestic, irrigation, campground, visitor facilities, steam engine, fire suppression and other public purposes. The specific place of use of water under the right is in the NE $\frac{1}{4}$ SW $\frac{1}{4}$, Section 8, Township 10 North, Range 6 West, SLB&M. The maximum annual diversion for all uses at Golden Spike under Water Right No. 13-2131 shall not exceed eight (8.0) acre-feet.
4. The United States shall comply with the provisions of Section 73-3-3, Utah Code Annotated 1953, as amended, with regard to any change in the point of diversion, place or nature of use of water under Water Right No. 13-2131.
5. This Stipulation shall constitute and is a full and final settlement of any current or future water right claims of any nature by the United States for Golden Spike under federal and/or state law in effect as of the execution date of this Stipulation.
6. Nothing in this Stipulation shall be construed or interpreted to modify, alter, diminish, limit, restrict, or affect in any way:
 - a. any other water rights of the United States for its agencies and interests in the Great Salt Lake Basin other than at those lands within Golden Spike;
 - b. the right of the United States, Utah, or any other person to litigate any issue or question not resolved by this Stipulation;

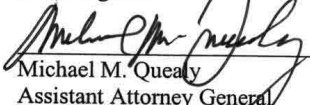
- c. the power of the United States in the future, to acquire additional rights to the use of water for Golden Spike under the laws of the United States and/or Utah; or
 - d. the authority of Utah or the Utah State Engineer in allocating, administering, or distributing the waters of the State.
7. The Utah State Engineer shall include Water Right No. 13-2131, as described in this Stipulation, in a proposed determination of water rights in this statutory adjudication specifically covering the portion of the Great Salt Lake drainage encompassing Golden Spike, and the United States and Utah shall cooperate in obtaining an interlocutory decree covering the same from the First Judicial District Court in and for Box Elder County. If the parties hereto are not successful in securing such interlocutory decree, this Stipulation shall nevertheless remain binding as between the United States and Utah until a final decree is issued.

Dated the 16th day of January, ~~2001~~²⁰⁰².

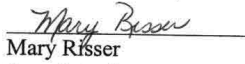
For the State of Utah:

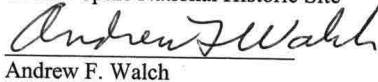

Kathleen B. Clarke
Executive Director, Department
of Natural Resources

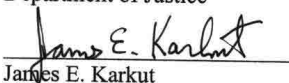

Robert L. Morgan
State Engineer


Michael M. Quaal
Assistant Attorney General
Chief, Natural Resources Division

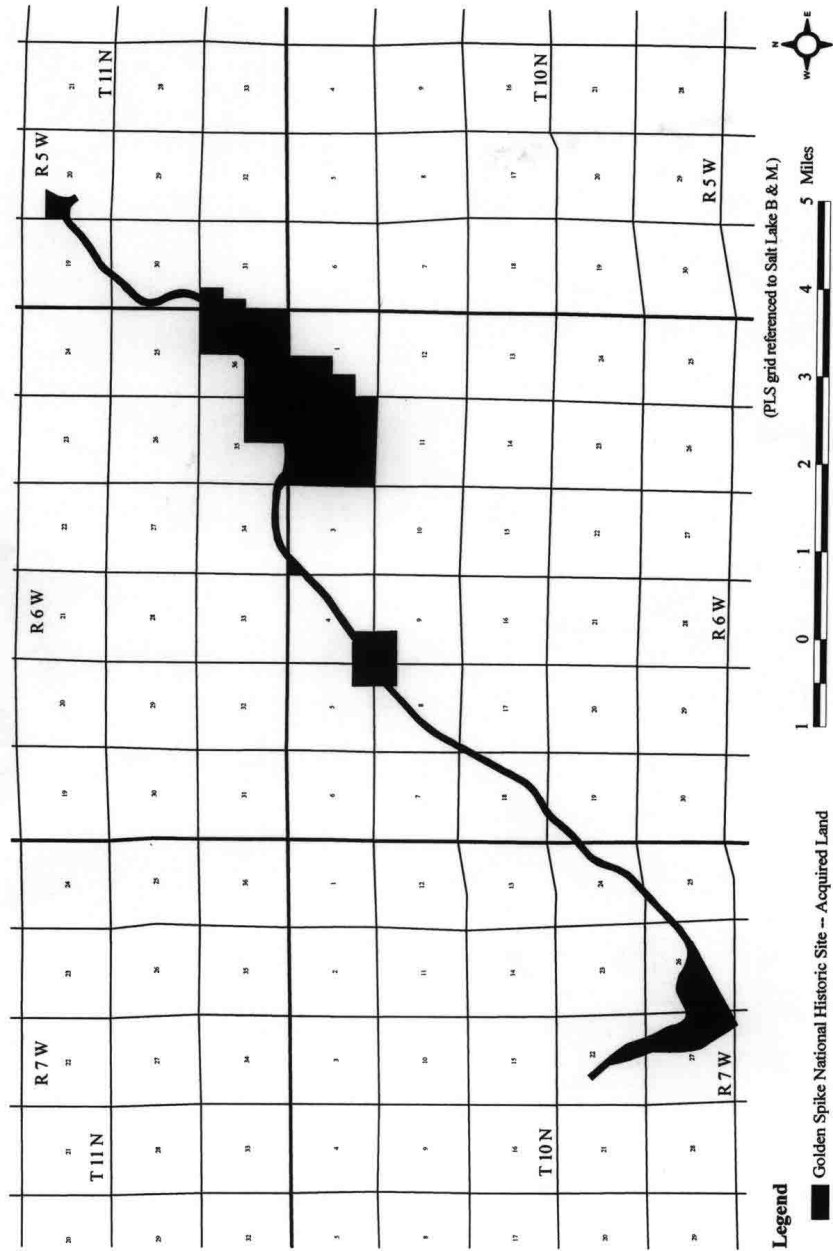
For the United States of America:


Mary Risser
Superintendent
Golden Spike National Historic Site


Andrew F. Walch
Department of Justice


James E. Karkut
Office of the Field Solicitor

Appendix A
Golden Spike National Historic Site



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF WATER RIGHTS

DEE C. HANSEN
STATE ENGINEER

JOHN BENE
DEPUTY

22 EAST CENTER - BOX 381
LOGAN, UTAH 84321
752-8755

September 17, 1973

United States of America - National Park Service
P. O. Box 728
Santa Fe, New Mexico 87501

Dear Sirs:

In lieu of Proof of Appropriation on Application No. 13-2131
you elected to file an Election to have the State Engineer's Office pre-
pare a Statement of Water User's Claim in the pending general determination
of water rights.

The enclosed Water User's Claim has been prepared by the Division of
Water Rights to cover the proof on the above mentioned application. Examine
the claim carefully, and if there is any additional information which you feel
should be on the claim, you may add the information with a pen containing
black ink.

If you are in agreement with the information on the claim, please sign
the three copies in the presence of a notary and return the first two copies
to us. The third copy if for your own records.

If you have any questions, you may come into our office in the Northern
Utah Area Office at 22 East Center, Box 381, Logan, Utah 84321 or phone
us at 752-8755. You have ten (10) days in which to return the claims.

Thank you for your cooperation.

Sincerely,

R. Michael Turnipseed
R. Michael Turnipseed
Area Engineer

Enc: Water User's Claim No. 13-2131

SEP 17 1973	R. MICHAEL TURNIPSEED AREA ENGINEER
1-PC	9M
PA	
OE	
EA	
2131	Mountain
Files	

Form 114
25M 4-63IN THE FIRST JUDICIAL DISTRICT COURT, IN AND FOR THE
COUNTY OF BOX ELDER STATE OF UTAHIN THE MATTER OF THE GENERAL DETERMINATION
OF RIGHTS TO THE USE OF WATER, BOTH SURFACE
AND UNDERGROUND, WITHIN BOX ELDER COUNTY.STATEMENT OF WATER
USER'S CLAIM

CODE NO. SERIAL NO.

13 2131MAP NO. 122

NOTE: This blank is sent to you in accordance with Utah Law. The information called for herein will be used in connection with the adjudication of water rights on the above mentioned drainage area. All questions applicable to your claim must be answered fully, and one copy of this form must be filed with the Clerk of the District Court at Brigham City, Utah, within sixty (60) days from date of service of the attached Notice. A copy shall be filed with the State Engineer, State Capitol, Salt Lake City. Failure to file the attached Statement of the Water User's Claim with the Clerk of the District Court within the time stated will forever bar and estop you from asserting any right to the use of water from said drainage area.

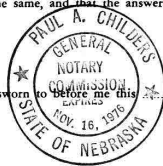
1. Name of Claimant United States of America - National Park Service
2. Address P. O. Box 728 1709 Jackson Street Full
Omaha, Nebraska 68102
3. Name of particular spring, spring area, stream, well, tunnel or drain from which water is diverted is Underground Water Well in Box Elder County.
4. Priority date claimed April 6, 1967 Date when water was first used April 6, 1967
Date when work on diverting system was first begun _____ Date when diverting system was completed _____
Nature of work _____
5. Class of Right (Indicate by X):
(a) _____ Right to surface water initiated by beneficial use before 1903 Claim No. _____
(b) _____ Right to underground water initiated before 1935 Claim No. _____
(c) _____ Right decreed by court, cite title of case _____
(d) X Application filed, State Engineer's Office No. 38193 Cert. of App. No. Election
(e) _____ Right acquired by adverse use prior to 1939 _____
6. Nature (Indicate by X), Amount, and Annual Period of Use (by month & day):
(a) X Irrigation Sec. Ft. Inc. from Apr. 1 to Oct. 31 (both dates incl.)
(b) _____ Stockwatering Sec. Ft. _____ from _____ to _____ (both dates incl.)
(c) X Domestic Sec. Ft. 0.044 from Jan. 1 to Dec. 31 (both dates incl.)
(d) _____ Municipal Sec. Ft. _____ from _____ to _____ (both dates incl.)
(e) _____ Sec. Ft. _____ from _____ to _____ (both dates incl.)
7. Direct Flow Appropriation (must be described with reference to U. S. Government Survey Corner)
(a) Point of diversion from spring, spring area, stream, well, tunnel, drain
S. 445 ft. E. 155 ft. from NW Cor. Sec. 9, T10N, R6W, SLB&M
456 102
(b) Description of spring area _____
(c) Point of redirection or point of return to natural channel _____
(d) If flow is intermittently diverted, list by number or description, all rights involved _____
8. Where water is used for irrigation purposes:
(a) Area irrigated in legal subdivisions of land by 40-acre tract. (All sources of water for same land or lands must be described in each instance by name or claim number) _____
13-411 on: 0.50 ac. NE 1/4 Sec. 8, T10N, R6W, SLB&M
50 SW 1/4
(b) Do you get water under a ditch owned by several users? _____ If so, give names of all users and divisions of interest _____
9. Where water is used for Stockwatering:
(a) Number of each kind of stock watered _____
(b) All sources of water for same stock. (Describe by name or claim number) _____
10. Where water is used for Domestic: _____
(a) Number of families or their equivalent 300000 Annual Visitors All sources of water for same use. (Describe by name or claim number) _____

11. Where water is used for Municipal Purposes:
 (a) Name of city or town supplied Population
 Number of families Quantity of water
12. Where water is used for a purpose not above enumerated:
 (a) Nature of Use Extent of Use
13. Appropriation for Storage Purposes:
 (a) Name of reservoir Unnamed Reservoir
 (b) Location of reservoir by legal subdivisions described by 40-acre tracts NW 1/4 Sec. 8, T10N, R6W, S16&M
 (c) Maximum capacity of reservoir in acre feet Year construction commenced
 Completed Water first used Is reservoir located on or off stream
 (d) Period of Storage from to (both dates incl.). Period of use from
 to (both dates incl.). Maximum area in acres inundated Max. depth in feet
 Average depth in feet Is reservoir drained each year Maximum number of fillings per
 year Is reservoir used for equalizing purposes If feeder canal is used, give maximum
 carrying capacity in sec. ft.
14. Diverting Works:
 (a) Surface water diverting dam: Material composed of
 Max. length Max. height Max. width at bottom Max. width
 at top
 (b) Underground water diverting works: Is well flowing or pump Depth of well
 Diameter of well Length of drain Width of drain Depth of drain
 Diameter of drain Length of tunnel Width of tunnel Height of tunnel
 Type of pump Capacity of pump
 (c) Surface and underground water conveying works: Length of ditch to first place of use Width of
 ditch at top Width of ditch at bottom Depth of water Grade of
 ditch per 1000 ft. Material through which ditch passes Maximum length of
 pipe line to first place of use Diameter of pipe line Grade of pipe line per
 1000 feet
15. The undersigned hereby enters his appearance and waives service of summons or other process.

STATE OF ~~UTAH~~ NebraskaCOUNTY OF Douglas

} SS. (To be used if claimant is an individual)

..... being first duly sworn, upon oath deposes and says that he is the claimant
 whose name appears hereon, that he has read the foregoing statement of his claim and knows the contents thereof, that
 he has signed the same, and that the answers set forth therein are true to his best knowledge and belief.



Richard W. Ketchum
 Signature of Claimant

Subscribed and sworn to before me this 9th day of October, 1973.

Paul A. Childers
 NOTARY PUBLIC

STATE OF UTAH

COUNTY OF

} SS. (To be used if claimant is a corporation or an estate)

..... being first duly sworn, upon oath deposes and says that he is the
 of the above claimant, that he makes this certification on behalf of said
 claimant, that he has read the foregoing statement of claim and knows the contents thereof, and that he has signed the name
 of said claimant to said statement, that the answers set forth therein are true to his best knowledge and belief.

Subscribed and sworn to before me this day of 19.....

NOTARY PUBLIC

A T T E N T I O N

THIS FORM IS TO BE USED ONLY WHEN WATER HAS BEEN PLACED TO FULL
BENEFICIAL USE

Form 152

BEFORE THE STATE ENGINEER OF THE STATE OF UTAH

ELECTION TO FILE WATER USER'S CLAIM

APPLICATION NO. 38193 (13-2131)

STATE OF UTAH

COUNTY OF BOX ELDER

} ss.

Richard W. Ketcham acting for the United States of America, being first duly sworn,
says that he is the owner of the above application; that the development con-
templated under this application has been completed and the water placed to
beneficial use.

In lieu of submitting "Proof of Appropriation" or "Proof of Change"
and receiving "Certificate of Appropriation" or "Certificate of Change", the
applicant hereby elects to file a "Statement of Water User's Claim" or an
"Amended Statement of Water User's Claim" in the pending GENERAL DETERMINATION
OF WATER RIGHTS; and that the applicant requests that said statement be pre-
pared by the State Engineer and submitted for execution at an early date.

Richard W. Ketcham
APPLICANT

Subscribed and sworn to before me this 15th day of Aug.

19 72.

Don P. Walsh
NOTARY PUBLIC



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF WATER RIGHTS

HUBERT C. LAMBERT
STATE ENGINEER

442 STATE CAPITOL

SALT LAKE CITY, UTAH 84114
June 30, 1972

TELEPHONE
328-5671

Form 37-A

Water Resources Section
Office of Land Acquisition & Water Resources
Western Service Center
National Park Service
450 Golden Gate Ave. Box 36025
San Francisco, California 94102

Gentlemen:

RE: Application No. 38193 (13-2131)

To appropriate water in Utah or to change the point of diversion, place, and nature of use of water, you must make application, receive approval, complete the intended development work, and submit proof that the water has been put to beneficial use. Our records indicate that you have not made proof on your application. This is due August 31, 1972.

In those areas in which general adjudication proceedings are pending and elections are authorized, the applicant can either:

1. Submit a satisfactory proof of appropriation
or
2. Elect to file a statement of water users' claim in lieu of proof of appropriation
or
3. Request an extension of time.

Failure to complete one of the above three actions on or before the proof-due date shall cause the applicant to lapse.

If development is not complete, additional time may be allowed by completing the enclosed request for extension of time and submitting it in affidavit form on or before the proof-due date. Submission of a request for extension of time in no way guarantees that it will be granted. Extensions of time are granted only after the applicant has made a showing of diligence before the State Engineer. Also enclosed is an election to file a water user's claim form for submission in lieu of proof of appropriation if the project is complete.

You may contact our Northern Area Office at 22 East Center Street, Logan, Utah or phone 752-8755 for assistance in completing the necessary forms and to answer any questions.

Yours truly,

Hubert C. Lambert
Hubert C. Lambert, State Engineer

jh
Encs.: Forms 29 & 152
REGISTERED MAIL

PROOF DUE

Form 19



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
442 STATE CAPITOL
SALT LAKE CITY, UTAH 84114

January 12, 1971

DIVISION OF
WATER RIGHTS

HUBERT C. LAMBERT
STATE ENGINEER

Water Resources Section
Office of Land Acquisition and Water Resources
Western Service Center
National Park Service
450 Golden Gate Ave. Box 36025
San Francisco, California 94102

RECEIVED WATER JAN 14 1971		
ACT. INFO.	INITIALS	DATE
	W TUCKI, G.	
✓	CHAVEZ, D.	✓
	FILE	
REMARKS		

Gentlemen:

RE: APPLICATION NO. 38193 (13-2131)

Request for extension of time in which to submit Proof of Appropriation or Proof of Change contemplated by the above application has been considered and the time for receiving proof is hereby extended from August 31, 1970 to August 31, 1972 inclusive.

Yours truly,

Hubert C. Lambert

ADDRESS ALL COMMUNICATIONS TO:

STATE ENGINEER
442 State Capitol
Salt Lake City, Utah 84114

j1

EXTENSION GRANTED

P.S. Although this extension is granted in accordance with the provisions of the law, I earnestly recommend that you proceed to prepare and submit proof at the earliest possible date. One cannot foresee what contingencies might arise in the future; the present possession of your certificate might stand you in good stead.

Form 30

IN THE OFFICE OF THE STATE ENGINEER OF THE STATE OF UTAH
REQUEST FOR REINSTATEMENT AND EXTENSION OF TIME
(After Fourteen Years)

APPLICATION NO. 38193(13-2131))
STATE OF UTAH)
COUNTY OF Box Elder)

Applicant's Present Address
Water Resources Section, Office of Land
Acquisition and Water Resources,
Western Service Center, National Park Service

Gerard S. Witucki, 450 Golden Gate Ave., Box 36025, San Francisco, Calif. 94102, being first duly sworn says that he is the owner of the above-numbered application; that he knows of his own knowledge of the construction of works completed to date.

Describe briefly the type and extent of construction completed to date; cost of this construction, and the estimated cost of any remaining construction to be done for completion of project and to submit proof of appropriation. Give reasons why the work could not be completed and water put to beneficial use within time heretofore allowed.

A well, 18" in diameter (6" ID. casing) was drilled at Golden Spike National Historic Site, to a depth of 600 feet at a cost of \$6500.00. Development at this area includes a visitor center, water and sewer systems, access road and parking area, railroad and telegraph line restoration at a cost of approximately \$400,000.00. It is anticipated that more time is required to determine the full water requirements for this area as visitation continues to increase.

Request is made for reinstatement and extension of time for filing proof

from August 31, 19 70, to August 31, 19 73.

Affiant understands he will be notified of a hearing date, at which time he or his representative must attend, be able to defend data given above, and answer any protests thereon; and affiant upon oath states that the information given above is to the best of his knowledge true and correct. \$25.00 is tendered herewith for publishing notice to water users.

Gerard S. Witucki
Gerard S. Witucki, Chief Water Resources Section,
Western Service Center, National Park Service

APPLICANT

(If a corporation, give title of officer signing)

Subscribed and sworn to before me this 5th day of August, 19 70.

C. Carino

NOTARY PUBLIC

***** DEPUTY CLERK U. S. DISTRICT COURT
FOR OFFICE USE ONLY NORTHERN DISTRICT OF CALIFORNIA

REQUEST RECEIVED _____ ADV. FEE \$25.00 RECD. _____ by _____

RECEIPT NO. _____ NOTICE PUBLISHED WEEKLY IN _____

BEGINNING _____ AND ENDING _____

PROOF DUE DATE _____ 14 YEAR PERIOD ENDS _____

HEARING _____

APPLICANT DID APPEAR _____ APPLICANT DID NOT APPEAR _____

APPLICANT REPRESENTED BY _____

REMARKS _____

RECOMMENDED DISPOSITION: _____



Form 37

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

442 STATE CAPITOL
SALT LAKE CITY, UTAH 84114

July 1, 1970

DIVISION OF WATER RIGHTS

HUBERT C. LAMBERT
STATE ENGINEER

United States of America
National Park Service
P.O. Box 728
Santa Fe, New Mexico

Gentlemen:

Re: Application No. 38193 (13-2131)

To appropriate water in Utah or to change the point of diversion, place, and nature of use of water, you must make application, receive approval, complete the intended development work, and submit proof that the water has been put to beneficial use. Our records indicate that you have not made proof on your application. This is due August 31, 1970.

In those areas in which general adjudication proceedings are pending and elections are authorized, the applicant can either:

1. Submit a satisfactory proof of appropriation.
or
2. Elect to file a statement of water user's
claim in lieu of proof of appropriation.
or
3. Request an extension of time.

Failure to complete one of the above three actions on or before the proof-
due date shall cause the application to lapse.

If development is not complete, additional time may be allowed by completing the enclosed request for extension of time and submitting it in affidavit form on or before the proof-due date. Submission of a request for extension of time in no way guarantees that it will be granted. Extensions of time are granted only after the applicant has made a showing of diligence before the State Engineer. Also enclosed is an election to file a water user's claim form for submission in lieu of proof if the project is complete.

Yours truly,

Hubert C. Lambert
Hubert C. Lambert, State Engineer

11

Encs. Forms 29 & 152

Registered Mail

PROOF DUE

1.54

A rectangular stamp from the National Park Service (NPS) Southern Region. At the top, it says "RECEIVED". Below that, "NPS SOUTHERN REGION". The date "JUL 7" is stamped in large letters. There are several horizontal lines below the date, some of which have handwritten marks or initials.



THE STATE OF UTAH
OFFICE OF STATE ENGINEER
SALT LAKE CITY
November 21, 1967

Form 33

HUBERT C. LAMBERT	
STATE ENGINEER	
RECEIVED	
NPS SOUTHWEST REGIONAL OFFICE	
NOV 24 1967	
Regional Director	Surname Date
<i>[initials]</i>	<i>CHL 11/26</i>
Administration	
Investigations	
Development	
<i>[initials]</i>	<i>[initials] 11/26</i>
<i>Sent to Bill Fields</i>	
Files	

United States of America
National Park Service
P. O. Box 728
Santa Fe, New Mexico

Gentlemen:

RE: APPROVED APPLICATION NO. 38193 (13-2131)

Enclosed find approved Application No. 38193 (13-2131) . This is your authority to proceed with actual construction work which, under Sections 73-3-10 and 73-3-12, Utah Code Annotated, 1953, as amended, must be diligently prosecuted to completion. The water shall be put to beneficial use and Proof of Appropriation made to the State Engineer on or before August 31, 1970----- . Otherwise, the application will lapse.

Failure on your part to comply with the requirements of the statutes may result in forfeiture of this application.

Yours truly,

Hubert C. Lambert

ADDRESS ALL COMMUNICATIONS TO:

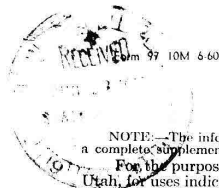
Hubert C. Lambert
State Engineer
442 State Capitol
Salt Lake City, Utah 84114

mt

Enc. Copy of Approved Application

A P P L I C A T I O N A P P R O V E D

L54



Application No. 38193

APPLICATION TO APPROPRIATE WATER STATE OF UTAH

NOTE.—The information given in the following blanks should be free from explanatory matter, but when necessary, a complete explanatory statement should be made on the following page under the heading "Explanatory."

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, for uses indicated by (X) in the proper box or boxes, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

1. Irrigation ☒ Domestic ☒ Stockwatering ☐ Municipal ☐ Power ☐ Mining ☐ Other Uses ☒
2. The name of the applicant is UNITED STATES OF AMERICA; NATIONAL PARK SERVICE
3. The Post Office address of the applicant is P. O. Box 728, Santa Fe, New Mexico
4. The quantity of water to be appropriated is 0.0455 second-feet or ---- acre-feet
5. The water is to be used for Domestic from January 1 to December 31
(Major Purpose) (Month) (Day) (Month) (Day)
other use period April 1 to Oct. 31
(Minor Purpose) (Month) (Day) (Month) (Day)
and stored each year (if stored) from ----- to -----
(Month) (Day) (Month) (Day)
6. The drainage area to which the direct source of supply belongs is -----
(Leave Blank)
7. The direct source of supply is* Underground Water
(Name of stream or other source)

which is tributary to -----, tributary to -----
*Note.—Where water is to be diverted from a well, a tunnel, or drain, the source should be designated as "Underground Water" in the first space and the remaining spaces should be left blank. If the source is a stream, a spring, a spring area, or a drain, so indicate in the first space, giving its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the water may sink, evaporate, or be diverted before reaching said channels. If water from a spring flows in a natural surface channel before being diverted, the direct source should be designated as a stream and not a spring.

8. The point of diversion from the source is in Box Elder County, situated at a point*
South 456' and East 102' from the section corner common to sections 4, 5, 8 and 9 of T. 10N., R. 6W., S. 1M

*Note.—The point of diversion must be located definitely by course and distance or by giving the distances north or south, and east or west with reference to a United States land survey corner or United States mineral monument, if within a distance of six miles of either, or if at a greater distance, to some prominent and permanent natural object. No application will be received for filing in which the point of diversion is not defined definitely.

9. The diverting and carrying works will consist of six inch, four inch, and one inch
galvanized pipe to serve visitor center, maintenance area, and residences.
2.5 in. well, 600 ft. deep
10. If water is to be stored, give capacity of reservoir in acre-feet ----- height of dam -----
area inundated in acres ----- legal subdivision of area inundated -----

11. If application is for irrigation purposes, the legal subdivisions of the area irrigated are as follows:
NE 1/4 NE 1/4, Section 8, T. 10N., R. 6W., S. 1M.
NW 1/4 NW 1/4, Section 9, T. 10N., R. 6W., S. 1M.
Total 2.6 Acres

12. Is the land owned by the applicant? Yes ☒ No ☐
13. Is this water to be used supplementally with other water rights? Yes ☐ No ☒
If "yes," identify other water rights under explanatory.
14. If application is for power purposes, describe type of plant, size and rated capacity. -----
15. If application is for mining, the water will be used in ----- Mining District at the ----- mine, where the following ores are mined -----
16. If application is for stockwatering purposes, number and kind of stock watered -----

17. If application is for domestic purposes, number of families to be served 300,000 visitors annually
18. If application is for municipal purposes, name of municipality ----- Also see Explan.
19. If application is for other uses, include general description of proposed uses -----

20. Give place of use by legal subdivision of the United States and Survey for all uses described in paragraphs 14 to 19, incl. NE 1/4 NE 1/4, Sec. 8, NW 1/4, Sec. 9, T. 10N., R. 6W., S. 1M.

21. The use of water as set forth in this application will consume 0.0455 second-feet of water and 0.0 second feet will be returned to the natural stream or source at a point described as follows: -----

Page No. 2

EXPLANATORY

The following additional facts are set forth in order to define more clearly the full purpose of the proposed application:

This well will be drilled at the headquarters site of Golden Spike National Historic Site in Box Elder County to a probable depth of 600'. It will be cased in its entirety and water pumped and piped from there to the visitor center, maintenance section, and residences to furnish domestic water for the administration of Golden Spike National Monument.

NOTHING HEREIN CONSTITUTES A WAIVER OF THIS RIGHT OR ANY OTHER RIGHT WHICH MAY BE VESTED IN THE NAME OF THE UNITED STATES OF AMERICA.

(Use page 4 if additional explanatory is needed.)

The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purpose herein described.

William E. Fields
Signature of Applicant

William E. Fields, Act. Supervisory Hydraulic Eng.

*If applicant is a corporation or other organization, signature must be the name of such corporation or organization by its proper officer, or in the name of the partnership by one of the partners, and the names of the other partners shall be listed. If a corporation or partnership, the affidavit below need not be filled in. If there is more than one applicant, a power of attorney, authorizing one to act for all, should accompany the Application.

DECLARATION OF CITIZENSHIP

STATE OF UTAH, } ss
County of _____

On the _____ day of _____, 19____, personally appeared before me, a notary public for the State of Utah, the above applicant who, on oath, declared that he is a citizen of the United States, or has declared his intention to become such a citizen.

My commission expires:

(SEAL)

Notary Public

Page No. 3

FEES FOR APPLICATIONS TO APPROPRIATE WATER IN UTAH

Flow rate — c.f.s.	Cost
0.0 to 0.1.....	\$ 10.00
over 0.1 to 0.5.....	20.00
over 0.5 to 1.0.....	30.00
over 1.0 to 15.0.....	30.00 plus \$5 for each cfs above the first cubic foot
over 15.0.....	100.00 per second.
Storage — acre-feet	
0 to 20.....	15.00
over 20 to 500.....	30.00
over 500 to 7500.....	30.00 plus \$5 for each 500 a.f. above the first 500
over 7500.....	100.00 acre feet.

(This section is not to be filled in by applicant)

STATE ENGINEER'S ENDORSEMENTS

1. Aug. 16, 1967 Application received over counter by mail in State Engineer's office by A. Z.
2. Aug. 16, 1967 Priority of Application brought down to, on account of.....
3. 9/22/67 Application fee, \$ 10.00, received by A. Z. Rec. No. 00770
4. Aug. 22, 1967 Application copied in book 3115, page 435, and indexed by W. B.
5. Aug. 22, 1967 Application platted by W. B. (B. 10-07666-)
6. Aug. 23, 1967 Application examined by W. B.
7. Aug. 23, 1967 Application returned, ... or corrected by office.....
8. Aug. 23, 1967 Corrected Application resubmitted over counter by mail to State Engineer's office.
9. Aug. 23, 1967 Application approved for advertisement by W. B.
10. Sept. 11, 1967 Notice to water users prepared by A. Z.
11. Sept. 11, 1967 Publication began; was completed Sept. 28, 1967
Notice published in Deseret News, Journal, Benjamin, City, Ut.
12. Sept. 12, 1967 Proof slips checked by A. Z.
13. Sept. 12, 1967 Application protested by.....
14. Oct. 24, 1967 Publisher paid by M.E.V. No. 2-10-225-5-5-5
15. Oct. 24, 1967 Hearing held by.....
16. Oct. 24, 1967 Field examination by.....
17. 11/23/67 Application designated for approval rejection W. B.
18. Nov. 21, 1967 Application copied or photostated by W. B. proofread by.....
19. Nov. 21, 1967 Application approved rejection
20. **Conditions:**
This Application is approved, subject to prior rights, as follows:
a. Actual construction work shall be diligently prosecuted to completion.
b. Proof of Appropriation shall be submitted to the State Engineer's office by August 31, 1970.
c.

Hubert C. Lambert
Hubert C. Lambert, State Engineer.

21. Time for making Proof of Appropriation extended to.....
22. Proof of Appropriation submitted.
23. Certificate of Appropriation, No., issued

Application No. 38193

IN THE FIRST JUDICIAL DISTRICT COURT IN AND FOR THE
COUNTY OF BOX ELDER STATE OF UTAH

PENDING

IN THE MATTER OF THE GENERAL DETERMINATION
OF RIGHTS TO THE USE OF WATER, BOTH SURFACE
AND UNDERGROUND, WITHIN BOX ELDER COUNTY, UTAH.

STATEMENT OF WATER
USER'S CLAIM

CODE NO. SERIAL NO.

13 2131

MAP NO. 122

NOTE: This blank is sent to you in accordance with Utah Law. The information called for herein will be used in connection with the adjudication of water rights on the above mentioned drainage area. All questions applicable to your claim must be answered fully, and one copy of this form must be filed with the Clerk of the District Court at Brigham City, Utah, within sixty (60) days from date of service of the attached Notice. A copy shall be filed with the State Engineer, State Capitol, Salt Lake City. Failure to file the attached Statement of the Water User's Claim with the Clerk of the District Court within the time stated will forever bar and estop you from asserting any right to the use of water from said drainage area.

1. Name of Claimant U. S. A. - National Park Service
P. O. Box 728 Interest Claimed Full
2. Address Santa Fe, New Mexico 87501
3. Name of particular spring, pond, stream, well, or other source from which water is diverted is Underground Water - Well in Box Elder County.
4. Priority date claimed April 6, 1987 Date when water was first used
Date when work on diverting system was first begun Date when diverting system was completed
Nature of work
5. Class of Right (Indicate by X):
(a) Right to surface water initiated by beneficial use before 1903 Claim No.
(b) Right to underground water initiated before 1935 Claim No.
(c) Right decreed by court, cite title of case
(d) X Application filed, State Engineer's Office No. 38193 Cert. of App. No. Pending
(e) Right acquired by adverse use prior to 1939
6. Nature (Indicate by X), Amount, and Annual Period of Use (by month & day):
(a) Irrigation Sec. Ft. from to (both dates incl.)
(b) Stockwatering Sec. Ft. from to (both dates incl.)
(c) Domestic Sec. Ft. from to (both dates incl.)
(d) Municipal Sec. Ft. from to (both dates incl.)
(e) Sec. Ft. from to (both dates incl.)
7. Direct Flow Appropriation (must be described with reference to U. S. Government Survey Corner)
(a) Point of diversion from spring, pond, stream, well, or other source
S. 456 ft. E. 102 ft. from the NW Corner, Section 9, T10N, R6W, S18E.
(b) Description of spring area
(c) Point of redirection or point of return to natural channel
(d) If flow is intermittently diverted, list by number or description, all rights involved
8. Where water is used for irrigation purposes:
(a) Area irrigated in legal subdivisions of land by 40-acre tract. (All sources of water for same land or lands must be described in each instance by name or claim number)

(b) Do you get water under a ditch owned by several users. If so, give names of all users and divisions of interest
9. Where water is used for Stockwatering:
(a) Number of each kind of stock watered
(b) All sources of water for same stock. (Describe by name or claim number)
10. Where water is used for Domestic:
(a) Number of families or their equivalent All sources of water for same use. (Describe by name or claim number)

11. Where water is used for Municipal Purposes:

(a) Name of city or town supplied Population
 Number of families Quantity of water

12. Where water is used for a purpose not above enumerated:

(a) Nature of Use Extent of Use

13. Appropriation for Storage Purposes:

(a) Name of reservoir
 (b) Location of reservoir by legal subdivisions described by 40-acre tracts

(c) Maximum capacity of reservoir in acre feet Year construction commenced
 Completed Water first used Is reservoir located on or off stream

(d) Period of Storage from to (both dates incl.). Period of use from to
 (both dates incl.). Maximum area in acres inundated Max. depth in feet

Average depth in feet Is reservoir drained each year Maximum number of fillings per year
 Is reservoir used for equalizing purposes If feeder canal is used, give maximum carrying capacity in sec. ft.

14. Diverting Works:

(a) Surface water diverting dam: Material composed of
 Max. length Max. height Max. width at bottom Max. width at top

(b) Underground water diverting works: Is well flowing or pump Depth of well
 Diameter of well Length of drain Width of drain Depth of drain

Diameter of drain Length of tunnel Width of tunnel Height of tunnel
 Type of pump Capacity of pump
 (c) Surface and underground water conveying works: Length of ditch to first place of use Width of ditch at top Width of ditch at bottom Depth of water Grade of ditch per 1000 ft.
 Material through which ditch passes Maximum length of pipe line to first place of use Diameter of pipe line Grade of pipe line per 1000 feet

15. The undersigned hereby enters his appearance and waives service of summons or other process.

STATE OF UTAH

COUNTY OF

} SS. (To be used if claimant is an individual)

being first duly sworn, upon oath deposes and says that he is the claimant whose name appears hereon, that he has read the foregoing statement of his claim and knows the contents thereof, that he has signed the same, and that the answers set forth therein are true to his best knowledge and belief.

William E. Fields
 Signature of Claimant

Subscribed and sworn to before me this day of 19.....

NOTARY PUBLIC

STATE OF UTAH

COUNTY OF

} SS. (To be used if claimant is a corporation or an estate)

being first duly sworn, upon oath deposes and says that he is the
~~if the above claimant, that he makes this certification on behalf of said~~
 claimant, that he has read the foregoing statement of claim and knows the contents thereof, and that he has signed the name of said claimant to said statement, that the answers set forth therein are true to his best knowledge and belief.

Subscribed and sworn to before me this day of 19.....

NOTARY PUBLIC

Form 114
25M 4-63IN THE FIRST JUDICIAL DISTRICT COURT, IN AND FOR THE
COUNTY OF BOX ELDER STATE OF UTAHPENDINGIN THE MATTER OF THE GENERAL DETERMINATION
OF RIGHTS TO THE USE OF WATER, BOTH SURFACE
AND UNDERGROUND, WITHIN BOX ELDER COUNTY, UTAH.STATEMENT OF WATER
USER'S CLAIM
CODE NO. SERIAL NO.13 2131
MAP NO. 122

NOTE: This blank is sent to you in accordance with Utah Law. The information called for herein will be used in connection with the adjudication of water rights on the above mentioned drainage area. All questions applicable to your claim must be answered fully, and one copy of this form must be filed with the Clerk of the District Court at Brigham City, Utah, within sixty (60) days from date of service of the attached Notice. A copy shall be filed with the State Engineer, State Capitol, Salt Lake City. Failure to file the attached Statement of the Water User's Claim with the Clerk of the District Court within the time stated will forever bar and estop you from asserting any right to the use of water from said drainage area.

1. Name of Claimant U. S. A. - National Park Service
P. O. Box 728 Interest Claimed Full
2. Address Santa Fe, New Mexico 87501
3. Name of particular spring well, underground from which water is diverted is Underground Water - Wall in Box Elder County.
4. Priority date claimed April 6, 1967 Date when water was first used
Date when work on diverting system was first begun _____ Date when diverting system was completed _____
Nature of work _____
5. Class of Right (Indicate by X):
(a) _____ Right to surface water initiated by beneficial use before 1903 Claim No. _____
(b) _____ Right to underground water initiated before 1935 Claim No. _____
(c) _____ Right decreed by court, cite title of case _____
(d) X Application filed, State Engineer's Office No. 35193 Cert. of App. No. Pending
(e) _____ Right acquired by adverse use prior to 1939 _____
6. Nature (Indicate by X), Amount, and Annual Period of Use (by month & day):
(a) _____ Irrigation Sec. Ft. _____ from _____ to _____ (both dates incl.)
(b) _____ Stockwatering Sec. Ft. _____ from _____ to _____ (both dates incl.)
(c) _____ Domestic Sec. Ft. _____ from _____ to _____ (both dates incl.)
(d) _____ Municipal Sec. Ft. _____ from _____ to _____ (both dates incl.)
(e) _____ Sec. Ft. _____ from _____ to _____ (both dates incl.)
7. Direct Flow Appropriation (must be described with reference to U. S. Government Survey Corner)
(a) Point of diversion from spring well, underground, 3.456 ft. S. 102 ft. from the NW Corner, Section 9, T10N, R6W, S12E.
(b) Description of spring area _____
(c) Point of redirection or point of return to natural channel _____
(d) If flow is intermittently diverted, list by number or description, all rights involved _____
8. Where water is used for irrigation purposes:
(a) Area irrigated in legal subdivisions of land by 40-acre tract. (All sources of water for same land or lands must be described in each instance by name or claim number) _____
(b) Do you get water under a ditch owned by several users _____ If so, give names of all users and divisions of interest _____
9. Where water is used for Stockwatering:
(a) Number of each kind of stock watered _____
(b) All sources of water for same stock. (Describe by name or claim number) _____
10. Where water is used for Domestic: _____
(a) Number of families or their equivalent _____ All sources of water for same use. (Describe by name or claim number) _____

11. Where water is used for Municipal Purposes:

(a) Name of city or town supplied

Population

Number of families

Quantity of water

12. Where water is used for a purpose not above enumerated:

(a) Nature of Use

Extent of Use

13. Appropriation for Storage Purposes:

(a) Name of reservoir

(b) Location of reservoir by legal subdivisions described by 40-acre tracts

(c) Maximum capacity of reservoir in acre feet

Year construction commenced

Completed

Water first used

Is reservoir located on or off stream

(d) Period of Storage from

to

(both dates incl.). Period of use from

to

(both dates incl.). Maximum area in acres inundated

Max. depth in feet

Average depth in feet

Is reservoir drained each year

Maximum number of fillings per year

Is reservoir used for equalizing purposes

If feeder canal is used, give maximum carrying capacity in sec. ft.

14. Diverting Works:

(a) Surface water diverting dam: Material composed of

Max. length

Max. height

Max. width at bottom

Max. width at top

(b) Underground water diverting works: Is well flowing or pump

Depth of well

Diameter of well

Length of drain

Width of drain

Depth of drain

Diameter of drain

Length of tunnel

Width of tunnel

Height of tunnel

Type of pump

Capacity of pump

(c) Surface and underground water conveying works: Length of ditch to first place of use

Width of ditch at top

Width of ditch at bottom

Depth of water

Grade of ditch per 1000 ft.

Material through which ditch passes

Maximum length of pipe line to first place of use

Diameter of pipe line

Grade of pipe line per 1000 feet

15. The undersigned hereby enters his appearance and waives service of summons or other process.

STATE OF UTAH

COUNTY OF

SS. (To be used if claimant is an individual)

being first duly sworn, upon oath deposes and says that he is the claimant whose name appears hereon, that he has read the foregoing statement of his claim and knows the contents thereof, that he has signed the same, and that the answers set forth therein are true to his best knowledge and belief.

Acting Supv. Hyd. Engineer

Gerard Witucki
Signature of Claimant

Subscribed and sworn to before me this 20th day of November, 1967

J. T. Cleveland
NOTARY PUBLIC

STATE OF UTAH

COUNTY OF

SS. (To be used if claimant is a corporation or an estate)
DEPUTY CLERK DISTRICT COURT
THE U. S. DIST. OF CALIFORNIA

being first duly sworn, upon oath deposes and says that he is the of the above claimant, that he makes this certification on behalf of said claimant, that he has read the foregoing statement of claim and knows the contents thereof, and that he has signed the name of said claimant to said statement, that the answers set forth therein are true to his best knowledge and belief.

Subscribed and sworn to before me this day of 19

NOTARY PUBLIC

Supporting Hydro Data

Future Consumptive Water Use for Golden Spike National Historic Site

*National Park Service
Water Resource Division, Water Rights Branch*

Prepared by: Chris Gable, WRB
Reviewed by: Jim Harte, WRB
Approved by: Wm. R. Hansen, WRB

June 20, 2001

Introduction

The objective of this report is to estimate the volume of water needed for future consumptive use purposes at Golden Spike National Historic Site (GOSP). Future water needs are estimated for the year 2051, a 50-year projection. The estimate will be used in settlement discussions with the State of Utah in the Matter of the General Determination of All the Rights to the Use of Water, Both Surface and Underground, Within Box Elder County, Utah, Great Salt Lake Division, Area 13 (Civil No. 7822).

The National Park Service (NPS) has filed a Statement of Water User's Claim for the existing well at GOSP (Water Right No. 123-2131) for 0.044 cfs. The Claim does not identify an annual volume of use. The existing well has a "potential" production of 31.86 acre-feet if pumped continuously for the whole year.

Projection - Method and Analysis

The methodology employed in estimating GOSP's future water needs is first to determine the Park's water use and then apply an appropriate growth rate to that use for a period of 50 years. A 50-year projection is considered reasonable based upon available data and the NPS' mandate to manage the park in perpetuity.

Existing Water Use

Water use at GOSP includes visitor use (sanitation and drinking water), administrative use (staff use, residential use, facility and locomotive use, and irrigation). These uses are not identified separately in metered water data.

Annual metered water use records were obtained from GOSP staff for the period 1981–2001. Records for the 1981–1993 period only included water use at the Visitor Center. Records for the 1994–2001 period include all uses for the Visitor Center, residences and irrigation. In 2001, a water leak was discovered after heavy use for the Fort Ranch fire in July, resulting in abnormally high values. Therefore, data for the period 1981–1993 and 2001 were not used to compute the average annual water use at GOSP. Table 1 shows the metered water use for 1994–2001 and the average annual water use at GOSP of 3.8 acre-feet per.

Table 1. Metered and Average Annual Water Use at GOSP for the period 1994-2000

YEAR	Annual Water Use (gallons/year)	Annual Water Use (acre-feet/year)
1994	1,286,300	3.95
1995	1,035,000	3.18
1996	1,361,300	4.18
1997	1,454,400	4.46
1998	1,299,610	3.99
1999	1,026,500	3.15
2000	1,211,400	3.72
AVG	1,239,216	3.80

Future Water Needs

In order to make a conservative estimate of future water needs for GOSP, the NPS Service-wide compound annual growth rate for recreational visitation from 1970–2001 was applied to the estimate of current water use. Appendix A describes the computation of this rate as well as the rationale for the selection of this growth rate.

Applying the compound annual growth rate of 1.5 percent using Equation 1 to the current water use of 3.8 acre-feet per year for 50 years yields a projected water need in the year 2051 of 7.99 acre-feet per year. This projection assumes that staff, residential, maintenance facilities and irrigation will adjust accordingly with the visitation.

$$A = P(1 + R)^N \quad (\text{Equation 1})$$

A = Future Consumptive Water Use After N Years at R rate

P = Existing Water Use (3.8 acre-feet per year)

R = Rate in percent (0.015)

N = Number of Years (50)

Conclusion

It is recommended that the NPS claim 8 acre-feet per year for existing and future water use from the well (Water Right No. 123-2131) at GOSP.

APPENDIX A

Determination of a Regional Growth Rate for Projecting Future Water Needs at Golden Spike National Historic Site, Utah

Park water use is a function of park visitation. Historic and current recreational visitation numbers were examined to determine a reasonable growth rate for estimating future water needs. Methods of counting Park visitors have not been consistent over time and visitation numbers may be cyclic in nature or have large swings making estimates of growth rates and individual parks difficult. For this reason, compounded annual growth rates were determined for a number of small parks regionally located near Golden Spike National Historic Site. The other regional parks selected for the evaluation include Craters of the Moon (CRMO), Fossil Butte (FOBU), and Timpanogos Cave (TICA) national monuments. In addition, the Service-wide visitation for the periods of 1952-2001 and 1970-2001 were also evaluated.

Visitation records for GOSP begin in 1967. In 1969, visitation was 169,600, which is 2 to 4 times the visitation seen throughout the 36-year period of record. Because counting methods were probably being established at GOSP during 1967-68 and the 1969 value was considered abnormally high our evaluation of visitation began with the year 1970. Visitation for CRMO and TICA were evaluated for the period of 1970-2001. Visitation at FOBU began in 1973. Data for 1973 at FOBU was not used to estimate the annual growth rate because it was the first year the park was open and it was not considered representative of annual visitation.

Annual visitation for each park is shown in Appendix B. Table 1 shows the compound annual growth rates for each park and Service-wide visitation for two periods. Annual growth rates for CRMO and TICA showed a decline of less than 1 percent for 1970-2001. The annual growth rate for GOSP declined 1.3 percent for 1970-2001. Fossil Butte NM had an annual growth rate of 1.4 percent for the 1974-2001 period. The NPS Service-wide annual growth rates were 3.6 and 1.5 percent, respectively, for 50-years and 1970-2001. These results indicate that visitation has been relatively flat during the 1970-2001 period at most of the regional parks and nationwide. The NPS Service-wide annual growth rate of 3.6 percent seems excessive and is not representative of recent visitation trends at the 4 parks evaluated for the region. The NPS Service-wide annual growth rate of 1.5 percent for 1970-2001 will be used to estimate future consumptive use at GOSP because it is representative of recent visitation growth rates in the region.

Table 1. Compound Annual Growth Rates for Visitation at Craters of the Moon NM (1970-2001), Fossil Butte NM (1974-2001), Timpanogos Cave NM (1970-2001), Golden Spike NHS (1970-2001), and the NPS National Growth Rates for 1952-2001 and 1970-2001.

	NPS National 1952-2001	NPS National 1970-2001	Craters of the Moon NM 1970-2001	Fossil Butte NM 1974-2001	Timpanogos Cave NM 1970-2001	Golden Spike NHS 1970-2001
Compound Growth Rate (%/yr)	3.6	1.5	-0.6	1.4	-0.9	-1.3

APPENDIX B**"Recreational" visits for GOSP**

GOSP Compounded Annual Growth Rate (CAGR) is computed using the equation:

$$\text{CAGR} = (\text{Visitation in the last year} / \text{Visitation in the first year})^{1/n} - 1) * 100$$

Where n = period of years evaluated

$$\text{Growth Rate for 32 years (1970 through 2001)} = ((43,887/67,000)^{1/32} - 1) * 100 = -1.3 \%$$

Year	Visitation	Growth Rate	Year	Visitation	Growth Rate
1967	32,900		1985	46,387	0.36
1968	52,300	.59	1986	57,090	0.23
1969	169,600	2.24	1987	46,789	-0.18
1970	67,000	-0.60	1988	41,417	-0.11
1971	52,400	-0.22	1989	45,769	0.11
1972	80,778	0.54	1990	48,781	0.07
1973	53,900	-0.33	1991	58,027	0.19
1974	30,900	-0.43	1992	51,281	-0.12
1975	36,500	0.18	1993	51,212	0.00
1976	49,900	0.37	1994	63,338	0.24
1977	49,400	-0.01	1995	50,166	-0.21
1978	49,362	0.00	1996	61,000	0.22
1979	46,657	-0.05	1997	50,989	-0.16
1980	44,587	-0.04	1998	46,203	-0.09
1981	48,167	0.08	1999	47,525	0.03
1982	45,163	-0.06	2000	45,273	-0.05
1983	49,571	0.10	2001	43,887	-0.02
1984	34,093	-0.31			
1985	46,387	0.36			
				AVERAGE	.01
				COMPOUNDED	-0.013

APPENDIX B Continued

"Recreational" visits for TICA

Year	Visitation	Growth Rate
1970	166,500	
1971	111,400	-0.49
1972	194,525	0.43
1973	174,600	-0.11
1974	226,600	0.23
1975	65,500	-2.46
1976	76,500	0.14
1977	102,900	0.26
1978	118,644	0.13
1979	125,080	0.05
1980	107,041	-0.17
1981	104,497	-0.02
1982	104,630	0.00
1983	98,475	-0.06
1984	119,688	0.18
1985	128,622	0.07
1986	124,410	-0.03
1987	137,279	0.09
1988	138,694	0.01
1989	126,876	-0.09
1990	114,247	-0.11
1991	104,745	-0.09
1992	120,374	0.13
1993	90,803	-0.33
1994	77,528	-0.17
1995	79,641	0.03
1996	97,250	0.18
1997	11,277	-7.62
1998	119,074	0.91
1999	122,778	0.03
2000	115,115	-0.07
2001	126,270	0.09
AVERAGE		-0.29
COMPOUNDED		-0.009

"Recreational" visits for FOBU

Year	Visitation	Growth Rate
1970		
1971		
1972		
1973	1,000	
1974	13,900	0.93
1975	8,600	-0.62
1976	8,200	-0.05
1977	12,000	0.32
1978	14,360	0.16
1979	13,669	-0.05
1980	10,823	-0.26
1981	12,431	0.13
1982	17,393	0.29
1983	16,402	-0.06
1984	14,771	-0.11
1985	15,585	0.05
1986	15,281	-0.02
1987	19,635	0.22
1988	20,456	0.04
1989	19,528	-0.05
1990	26,471	0.26
1991	22,673	-0.17
1992	23,824	0.05
1993	26,499	0.10
1994	25,055	-0.06
1995	26,219	0.04
1996	22,394	-0.17
1997	23,106	0.03
1998	22,473	-0.03
1999	22,516	0.00
2000	22,380	-0.01
2001	20,347	-0.10
AVERAGE		0.00
COMPOUNDED		0.014

APPENDIX B Continued

"Recreational" visits for CRMO

Year	Visitation	Growth Rate
1970	223,500	
1971	274,600	0.23
1972	205,932	-0.25
1973	190,900	-0.07
1974	163,400	-0.14
1975	217,000	0.33
1976	251,300	0.16
1977	258,400	0.03
1978	152,431	-0.41
1979	220,698	0.45
1980	162,454	-0.26
1981	236,525	0.46
1982	294,387	0.24
1983	273,693	-0.07
1984	220,801	-0.19
1985	172,503	-0.22
1986	178,332	0.03
1987	202,800	0.14
1988	217,022	0.07
1989	189,317	-0.13
1990	207,766	0.10
1991	217,879	0.05
1992	244,806	0.12
1993	238,508	-0.03
1994	227,918	-0.04
1995	236,008	0.04
1996	217,586	-0.08
1997	218,036	0.00
1998	193,304	-0.11
1999	215,567	0.12
2000	211,642	-0.02
2001	185,799	-0.12
AVERAGE		-0.29
COMPOUNDED		-0.006

APPENDIX B Continued

Number of visitors and inter-annual growth rates for all National Park Service units, 1952-2001.

Year	Visitation	Growth Rate(%)	Year	Visitation	Growth Rate(%)
1952	47,379,438	27.7	1977	210,569,700	-2.8
1953	52,268,174	10.3	1978	222,184,042	5.5
1954	54,210,200	3.7	1979	205,369,808	-7.6
1955	56,572,800	4.4	1980	220,463,199	7.3
1956	61,602,300	8.9	1981	238,592,669	8.2
1957	68,016,000	10.4	1982	244,924,579	2.7
1958	65,460,900	-3.8	1983	243,616,747	-0.5
1959	68,900,500	5.3	1984	248,785,509	2.1
1960	79,229,000	15.0	1985	263,441,808	5.9
1961	86,665,161	9.4	1986	281,094,850	6.7
1962	97,046,762	12.0	1987	287,244,998	2.2
1963	102,712,763	5.8	1988	282,451,441	-1.7
1964	111,387,664	8.4	1989	269,399,837	-4.6
1965	121,313,965	8.9	1990	258,682,828	-4.0
1966	133,083,066	9.7	1991	267,840,999	3.5
1967	139,677,567	5.0	1992	274,694,549	2.6
1968	150,837,568	8.0	1993	273,120,925	-0.6
1969	163,991,969	8.7	1994	268,636,169	-1.6
1970	172,006,570	4.9	1995	269,564,307	0.3
1971	153,693,200	-10.6	1996	265,796,163	-1.4
1972	165,653,324	7.8	1997	275,236,335	3.6
1973	168,922,900	2.0	1998	286,739,115	4.2
1974	171,054,800	1.3	1999	287,130,879	0.1
1975	190,390,600	11.3	2000	285,891,275	-0.4
1976	216,554,800	13.7	2001	279,873,926	-2.1

Computed Average Annual Growth Rate: 1970-2001	0.018
Compounded Annual Growth Rate: 1970-2001	0.015
Compounded Annual Growth Rate: 1952-2001	0.036



IN REPLY REFER TO:

L54

GOSP

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
SAN FRANCISCO PLANNING AND SERVICE CENTER
Office of Land and Water Rights
P. O. Box 728
Santa Fe, New Mexico
87501

JUL 22 1966



RECEIVED	
San Francisco Planning and Service Center Office of Land and Water Rights NATIONAL PARK SERVICE	
JUL 25 1966	
ACT. INFO.	INITIALS DATE
CHIEF	
ASST. CHIEF	
SUPV. APPR.	
SUPV. Hyd. Eng.	<i>M</i>

Memorandum

To: Supervisory Hydraulic Engineer, SSC

From: Hydraulic Engineer, SSC, Santa Fe

Subject: Data on test well at Golden Spike NHS

I have worked up a set of specifications for the test pumping of the old well at Golden Spike NHS. By telephone Superintendent Krueger gave me two names of individuals who were interested in bidding. I called them both because the estimated cost of the project was less than \$2,000 and required no Notice to Bidders. The first was Mr. J. R. Lee of Murray, Utah, who stated he was no longer interested. The second was a Mr. T. J. Burkhart of Tremonton, Utah. He had called the original owner and obtained some information on the well which we had not previously received. His main worry is that the well was plugged with a broken 3" tubing and it would be impossible to install test equipment. Before negotiating further I called the original owner - a Mr. Con Hanson of Tremonton, Utah. He gave me the following information: the well is 400' deep, cased to 200' with 6" casing and from there on down with 4" casing. There is 7' of water in the hole and when the windmill was working the 3" tubing flowed constantly at about 2/3 capacity and at no time did it draw the well down. This indicates a flow of at least 7-10 gpm. All of the families who lived in this area used the well for domestic purposes for years. There is approximately 340' of tubing stuck in the well. Even using a 13 ton well rig they were unable to pull it. My guess is that the well is hopelessly plugged. It has been my experience that a well with casing as old as this is almost impossible to work with. It is less expensive and much less time consuming to drill a new hole. With the data we already have I think we are now justified in drilling a test hole nearby with a better than average chance of obtaining good water.

Mr. Burkhart also supplied me with data on a well which lies about 1/2 mile to the west. He said it produced 2 1/2 gpm. The formation

consists of 40-50 feet of alluvial fill and then a mixture of shale and limestone. He considers wells in this area as about "average" to drill but there would be some danger of sloughing and some difficulty in keeping the hole straight.

At your request on this date I called Mr. Ted Arnow who is head of the USGS office in Salt Lake City. He would be very pleased to help us in any way that he can in the future. I made an appointment with him on August 2 at which time we will discuss some of the forthcoming problems of the Park Service as they will be relected in Geological Survey work. He also will assign Mr. Jim Hood of his office to go with me to the Golden Spike well site and make recommendations on the feasibility of a test well at this time. He thinks off hand that they have enough information now for us to go ahead and drill without an extensive investigation. I will drop Superintendent Krueger a note advising him of this pending visit.

It is my opinion that we should definitely plan on a test well in the area if it is financially possible.

William E. Fields
William E. Fields

cc: Regional Director, SWR
Superintendent, Golden Spike

192 10/17/73 mkn

RECEIVED
OCT 17 1973
10 20 AM '73

L54(MWR)PSW
GOSP/WR#1

October 10, 1973

R. Michael Turnipseed
Area Engineer, State of Utah
Division of Water Rights
22 East Center, Box 381
Logan, Utah 84321

Dear Mr. Turnipseed:

Enclosed are two copies of your Form 114 - Statement of Water User's Claim No. 13-2131. Please note that the National Park Service Administration Office for the State of Utah has been changed and the correct address has been added. Due to the mails, this has caused some delay in the prompt return of these forms.

Sincerely yours,

(Sgd.) Richard W. Ketcham

Richard W. Ketcham
Supervisory Hydraulic Engineer

Enclosure

cc:
Utah State Director
Supt., GOSP *
WASO-PNH *

*Please place this document in Water Right
Docket No. 1, Golden Spike NHS.

L54(MWR)PSW
GOSP/WR #1

August 15, 1972

PN-W

2/5 8/17/72
1. Reed
2. BERTK 8/17

AIRMAIL

State Engineer's Office
Division of Water Rights
Department of Natural Resources
442 State Capitol
Salt Lake City, Utah 84114

Gentlemen:

In reply to your June 30, 1972, letter, enclosed is your form to file
proof of appropriation for a well at Golden Spike National Histroical
Site, Water Right Application No. 38103 (13-2131).

Sincerely yours,

(Sgd.) Richard W. Ketcham

Richard W. Ketcham
Supervisory Hydraulic Engineer

Enclosure

cc:

WASO-PNW

State Director, Utah
Supt., Golden Spike NHS

GOSP

Docket #1
GOLDEN SPIKE

L54(WSC)LMW
GOSP/Wtr Docket #1

August 6, 1970

AIRMAIL

State Engineer's Office
Division of Water Rights
Department of Natural Resources
442 State Capitol
Salt Lake City, Utah 84114

Gentlemen:

In reply to your July 1, 1970, letter, enclosed is a request for extension of time for Application No. 38193 (13-2131), for a well at Golden Spike National Historic Site. A check for \$25.00 from the U. S. Treasury Department for the publication of "Notice to Water Users" will be forwarded under separate cover.

Sincerely yours,

(Sgd)

Gerard S. Witucki
Chief, Water Resources Section
Office of Land Acquisition and
Water Resources

Enclosure

cc:

Chief, MW-WASO
Regional Director, Southwest
Superintendent, Golden Spike

Rec'd w/ WSC memo of 8/6/70



IN REPLY REFER TO:

L54-MW

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
WASHINGTON, D.C. 20240

September 26, 1969

Memorandum

To: Supervisory Hydrologist, Division of Water Resources, SSC
From: Chief, Division of Water Resources
Subject: Proposed determination of water rights, Elder County,
Golden Spike

We have examined the material enclosed with your memorandum of September 19 on the above subject and note that the Regional Solicitor's office in Salt Lake City will advise the Superintendent and you on the case.

However, we are not clear on the list of water rights. Mr. Eden's August 22 memorandum and Mr. Roberts message memorandum of the same date refer to the "book" whereas the waiver form refers to an attached "copy of the Proposed Determination of Water Rights for Snowville-Promontory Point and Vicinity." A copy of this determination was not enclosed and should become part of the docket when available.

Manuel Morris

cc:
Regional Director, Southwest (2)

*Call Solicitor
it should be in
Soon 10/23/69*

RECEIVED	
WATER	
9/28/1969	
ACT. INFO.	INITIALS DATE
WITUCKI, G.	
ROBERTS, J.	
CHANCE, D.	DC 4/6
FILE	
REMARKS	

W

RECEIVED		WATER	
9/15/		1969	
AC	NTS	INITIALS	DATE
REMARKS			

Golden Spike National Historic Site

September 11, 1969

L54

Memorandum

To: Regional Director

From: Superintendent, Golden Spike

Subject: Proposed Determination Water Rights Box Elder County

In response to Assistant Regional Director James M. Eden's memorandum of August 22 I have received the subject determination of water rights and have the copy thereof and have signed the waiver. A copy of this waiver is enclosed.

Before signing the waiver a telephone call was made to the Division of Water Rights in DCSSC and a discussion was held with Mr. Robertson who was acting for Mr. Gerard S. Witucki. As a result of his recommendations I called Mr. Stewart Mc Masters the Solicitor for the Department of Interior in Salt Lake City. He recommended that I sign the waiver and that as soon as possible he would like to receive a copy of our water rights docket and a copy of the above Proposed Determination Water Rights Box Elder County which is in my possession at Golden Spike. This should be done within 90 days to determine that our rights are fully protected.

Since our records and files do not indicate having received a copy of the water rights docket we would appreciate receiving one which we will take to the Field Solicitor for his examination. Additionally this may or may not fall within the purview of recent instructions from the Director that he be notified of requests for decisions and legal opinions.

William T. Krueger

enclosure

cc: Chief DCSSC w/copy enclosure

IN THE DISTRICT COURT OF THE FIRST JUDICIAL DISTRICT
IN AND FOR BOX ELDER COUNTY, STATE OF UTAH

* * * * *

IN THE MATTER OF THE GENERAL)
DETERMINATION OF ALL THE RIGHTS TO)
THE USE OF WATER BOTH SURFACE AND)
UNDERGROUND, WITHIN BOX ELDER COUNTY,)
UTAH.)
SNOWVILLE-PROMONTORY POINT AND VICINITY)

NOTICE
RECEIPT AND WAIVER

* * * * *

To All Users of Water from Snowville-Promontory Point and Vicinity Water
Sources Within the Above Described Drainage Area:

There is hereto attached and herewith served upon you a copy of the Proposed Determination of Water Rights for Snowville-Promontory Point and Vicinity as prepared by the State Engineer in the above entitled cause. This Proposed Determination will be on file at all times with the Clerk of this Court in Brigham City, Utah, and copies thereof may be obtained from the office of the Division of Water Rights at Salt Lake City, Utah, upon payment of the actual cost of the printing thereof; and you are notified that any claimant dissatisfied with said Proposed Determination must file with the Clerk of the above entitled Court a written objection thereto duly verified on oath within ninety (90) days from and after the date of service of this notice upon you.

Dated this _____ day of _____, 19____.

Dallin W. Jensen
Assistant Attorney General
Attorney for State Engineer

Hubert C. Lambert
State Engineer
442 State Capitol
Salt Lake City, Utah

* * * * *

The undersigned, being a water claimant within the above described drainage area and a party to this proceeding, hereby acknowledges receipt of the Proposed Determination of Water Rights for Snowville-Promontory Point and Vicinity as prepared by the Division of Water Rights of the State of Utah; and the undersigned waives any further service in connection therewith and consents to the entry of a final decree in this cause unless a formal protest is made by the undersigned claimant to the above entitled court within ninety (90) days from and after date hereof.

Dated this _____ day of _____, 19____.

CLAIMANT



THE STATE OF UTAH
OFFICE OF STATE ENGINEER

LOGAN AREA OFFICE
LOGAN, UTAH 84321
November 6, 1967

HUBERT C. LAMBERT
STATE ENGINEER

DEE C. HANSEN
AREA ENGINEER

RECEIVED	
NPS SOUTHWEST REGIONAL OFFICE	
NOV 8 - 1967	
Regional Director	Surname Date
Operations	
Administration	
Planning	
Public Affairs	
Records Management	
Training	
Utilities	
Wildlife	
Yield	

United States of America
National Park Service
P. O. Box 728
Santa Fe, New Mexico 87501

Dear Sirs:

The Division of Water Rights is in the process of compiling a Proposed Determination of Water rights in Box Elder County.

In the Proposed Determination of Water Rights, each water user must file a Statement of Water User's Claim, a Disclaimer, or be served a summons. This office has on file in your name Application No. 38193 which is still an unperfected water right, but must be represented by a Statement of Water User's Claim in the forthcoming determination of water rights. The extent of your rights will be determined at a later date.

So that your pending application may be properly protected, it is important that you sign all copies of the enclosed claim, have it notarized, and return the original and first copy to this office within fifteen (15) days.

If you have any questions, you may contact us at 752-8755, or 203 Ebeling Bldg., 22 East Center, Logan, Utah.

Your cooperation will be appreciated.

Sincerely yours,

Keith L. Hansen

Keith L. Hansen
Assistant Engineer
P. O. Box 381
Logan, Utah

Enclosure

WEAVER

ROBERTS

WILLIAMS

L54 LWSSC

August 11, 1967

GOSP

Wtr Docket #1

Mr. Dee C. Hansen, Area Engineer
Office of State Engineer
The State of Utah
P. O. Box 381
Logan, Utah 84321

Dear Mr. Hansen:

In regards to your letter of April 11, 1967, here is the information requested for our Application to Appropriate Water in the State of Utah at Golden Spike NHS.

In Paragraph 1, you are correct - the blocks for Irrigation, Domestic and Other Uses should be marked.

For Paragraph 9, the well has a 6-inch standard gage steel casing and is 423 ft deep. It is perforated from 383 to 413 feet.

For Paragraph 11 - the legal subdivision of the area for irrigation uses is the NE $\frac{1}{4}$ of the NE $\frac{1}{4}$ of Section 8 of T10N R6W S1E4.

In Paragraph 19, enter the proposed other uses as maintenance.

In Paragraph 20, the legal subdivisions proposed are the NE $\frac{1}{4}$ of the NE $\frac{1}{4}$ of Section 8 and the NW $\frac{1}{4}$ of the NW $\frac{1}{4}$ of Section 9 of T10N R6W S1E4.

I hope this is all the information necessary to process the application. Feel free to ask for anything else we can provide.

Sincerely yours,

SIGNED James W. Roberts
Acting Supervisory Hydraulic Engineer

cc: Chief, Branch of Water Resources, WASO
Supt - Golden Spike NHS

JWRoberts:mlk



THE STATE OF UTAH
OFFICE OF STATE ENGINEER
LOGAN AREA OFFICE
LOGAN, UTAH 84321

HUBERT C. LAMBERT
STATE ENGINEER

DEE C. HANSEN
AREA ENGINEER

May 8, 1967

Mr. William E. Fields
Acting Supervisory Hydraulic Engineer
San Francisco Planning and Service Center
Office of Land and Water Rights
450 Golden Gate Avenue, Box 36063
San Francisco, California 94102

Dear Mr. Fields:

I received your undated letter May 5, 1967, concerning several additional items necessary for your applications filed on April 6, 1967.

It will be necessary for you to tie down the area to be irrigated at least by quarter and indicate the exact amount of acreage to be irrigated before we can begin processing this application. Example: 20.0 acs. in the SW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 6, T12N, R1E, S1B&M.

I also would like to inform you at this time that this does not constitute approval of this appropriation until the application has been advertised and has gone through the protest period of 30 days, after which the application will be considered for approval and notice of that decision mailed to you. I would ask that you not secure a driller to do this work until such approval is granted.

Thank you very much for your letter. I hope to hear from you again in the very near future.

Sincerely yours,


Dee C. Hansen
Area Engineer
P. O. Box 381
Logan, Utah

DCH/kcw



THE STATE OF UTAH
OFFICE OF STATE ENGINEER

LOGAN AREA OFFICE
LOGAN, UTAH 84321

May 5, 1967

HUBERT C. LAMBERT
STATE ENGINEER

DEE C. HANSEN
AREA ENGINEER

RECEIVED		File
NPS SOUTHWEST REGIONAL OFFICE		
MAY 18 1967		
Regional Director	Surname	Date
Operations		
Administration		
Coop. Agencies		
Development		
Files		

Mr. Lester Binning
227 South 4th West
Payson, Utah 84651

Dear Mr. Binning:

This office recently received a driller's card from you indicating that you were planning to begin work on a well for the Golden Spike Monument in Box Elder County on April 27.

After checking the records with reference to this well, I find that a permit has not been issued nor has a rush letter been issued for this well. You therefore do not have authority to begin work until such permission is granted.

If you have any questions, please feel free to contact me at your convenience.

Sincerely yours,

Dee C. Hansen
Dee C. Hansen
Area Engineer
P. O. Box 381
Logan, Utah

DCH/kcw

*Ph Weaver L+W - SSC 5/18 who said
Fields coming SFE 5/19
5/15 Fields says he got this cleaned up*

Logan

L54-GOSP

SAN FRANCISCO PLANNING AND SERVICE CENTER
Office of Land and Water Rights
450 Golden Gate Avenue, Box 36063
San Francisco, California 94102

ued 5/3/67

Mr. Dee C. Hansen
Area Engineer
P. O. Box 381
Logan, Utah

Dear Mr. Hansen:

Your letter of April 12 notifies us that there is some additional data needed before you can approve the Application to Appropriate Water for Golden Spike National Monument.

The following are the corrections to be made:

In Item 1 check the "irrigation" block and "other uses." In Item 9 you could add: "8 inch well estimated, 600 feet in depth." We have not stipulated the area of irrigation in Item 11 because our master planners have not yet determined where the residential site will be. As soon as we know where this area is, we will notify your office. In Item 20 you could insert "NW $\frac{1}{4}$ of Section 9, NE $\frac{1}{4}$ of Section 8 Township 10 N Range 6W.

I hope this information meets your requirements. If there is any additional information required, do not hesitate to write us.

Sincerely yours,

WILLIAM E. FIELDS

William E. Fields
Acting Supervisory Hydraulic Engineer

WEFields:kr
5/2/67

**SAN FRANCISCO PLANNING AND SERVICE CENTER
Office of Land and Water Rights
450 Golden Gate Avenue, Box 38063
San Francisco, California 94102**

LS4 ESCLN

GOSP

April 12, 1967

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

**Mr. Robert C. Lambert
State Engineer, State Capitol
Salt Lake City, Utah 84134**

Dear Sir:

**On April 3 I forwarded an original and duplicate original of your
Form 97 10M 6-60 for application to use underground water at Golden
Spike National Historic Site.**

**Enclosed is \$10.00 in cash which is the required fee for the amount of
water requested. Would you please send a receipt for this money to
the following address: National Park Service, San Francisco Planning
and Service Center, Office of Land and Water Rights, 450 Golden Gate
Avenue, Box 38063, San Francisco, California 94103, Attention:
William E. Fields.**

Sincerely yours,

**/s/ William E. Fields
William E. Fields
Acting Supervisory Hydraulic
Engineer**

Enclosure

**cc:
Chief, Branch of Water Resources, WASO
Superintendent, Golden Spike
Regional Director, EW**

WFields:pm



THE STATE OF UTAH
OFFICE OF STATE ENGINEER

LOGAN AREA OFFICE
LOGAN, UTAH 84321

April 11, 1967

HUBERT C. LAMBERT
STATE ENGINEER

DEE C. HANSEN
AREA ENGINEER

Mr. William E. Fields
San Francisco Planning and Service Center
Office of Land and Water Rights
450 Golden Gate Avenue, Box 36063
San Francisco, California 94102

Dear Mr. Fields:

Recently you submitted to this office an Application to Appropriate water within the State of Utah and more particularly in the area of the Golden Spike Monument in Box Elder County. After reviewing your application, I find some areas that need additional clarification.

In Para. 1, the intended use of the application is to be checked in the appropriate box. In this paragraph, you have checked only for domestic use. It would appear from going through the remainder of your application that you would also want to check "other uses" and have these defined as maintenance. ✓

Also, I am wondering if you plan to have any lawns at this particular location. If you do, it would also be necessary for you to check the square marked irrigation. If you should designate irrigation, then it will be necessary to describe the area by legal subdivisions in Paragraph 11. ✓

Paragraph 9 calls for the diverting and carrying works. This has specific reference to the diameter and depth of the proposed well. ✓

I also refer to Paragraph 20 which calls for the legal subdivisions of all uses included in Paragraphs 14 through 19 inclusive. This would be the general area of use covered by the 300,000 visitors annually and the maintenance and residence areas. ✓

If you would either supply me with the additional information or indicate to me that it is not your wish to have this included in the filing, I will proceed with processing.

Sincerely yours,


Dee C. Hansen
Area Engineer
P. O. Box 381
Logan, Utah 84321

DCH/kcw

**SAN FRANCISCO PLANNING AND SERVICE CENTER
Office of Land and Water Rights
450 Golden Gate Avenue, San 94603
San Francisco, California 94102**

LS-4487

LSOSP

**Mr. Robert C. Lanzetta
State Engineer, State Capitol
Sutter Lake City, State 95834**

Dear Sir:

Enclosed is an original and duplicate original of application to appropriate water, from 77 LWR 6-68, for underground water at Golden Spike National Historic Site.

Would you please acknowledge and return the duplicate original to this office for our file.

The fee of \$10 will be sent to you from our San Francisco Office.

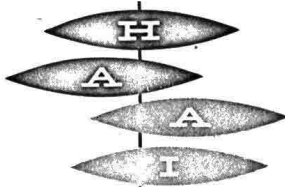
Sincerely,

WILLIAM E. FIELDS

William E. Fields

Enclosures

**cc: Chief of Branch Water Resources
Chief of Land and Water Rights SSC
Superintendent of Golden Spike National Historic Site
Regional Director, Southwest Region**



HANSEN AND ASSOCIATES
CONSULTING ENGINEERS
& LAND SURVEYORS

BRIGHAM CITY, UTAH

SEWERAGE • SEWAGE DISPOSAL • INDUSTRIAL WATER • DRAINAGE • WATER SUPPLY & DISTRIBUTION • BRIDGES • AIRPORTS • STREETS • HIGHWAY
MUNICIPAL ENGINEERING • INVESTIGATIONS • REPORTS • DESIGNS • SUPERVISION

D52P

6 May 1966

National Park Service
450 Golden Gate Avenue
Box 36025
San Francisco, California

Attention: Mr. Walter Lord

Dear Mr. Lord:

Transmitted herewith are three prints of the survey of the well location and the centerline of the right-of-way for the easement to the reservoir site.

The easement description is as follows:

Beginning at a point located 122.71 feet East and 461.01 feet South of the Northwest Corner of Section 9, T10N, R6W, Salt Lake Base and Meridian, thence South 41° 03' 17" East _____ feet.

It will be necessary for you to fill in the number of feet that you will find necessary to traverse, in order to attain the elevation required for the reservoir.

We trust that this portion of the survey is satisfactory.

Now that we have determined the location of the section corner at the monument site, we can establish the boundary corners on the 160 acre tract for \$306.00. This will include setting permanent monuments at the section corners and steel pins at each of the property corners.

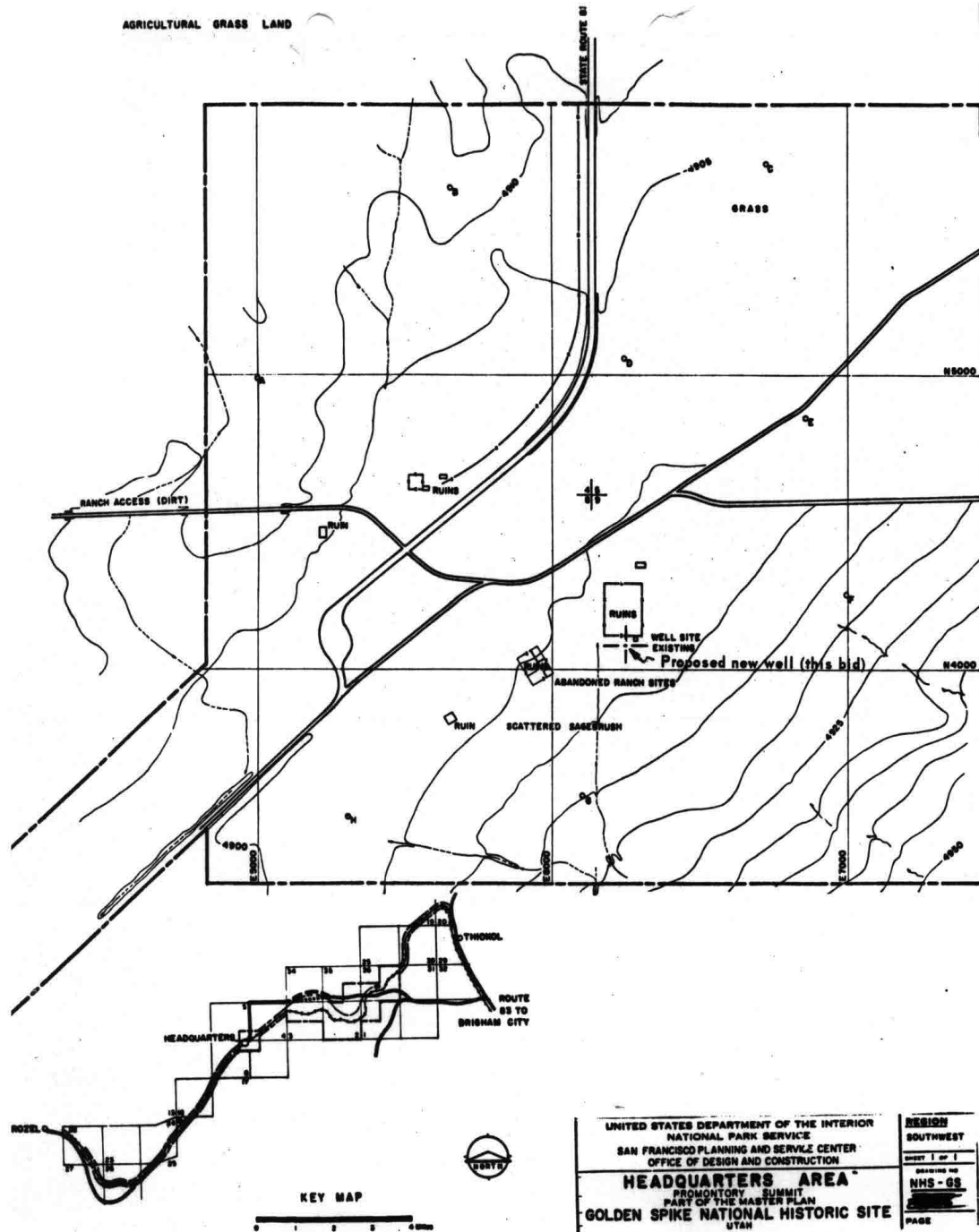
If you would like this property surveyed, we can proceed upon receipt of your order.

Respectfully,
HANSEN AND ASSOCIATES, INC.

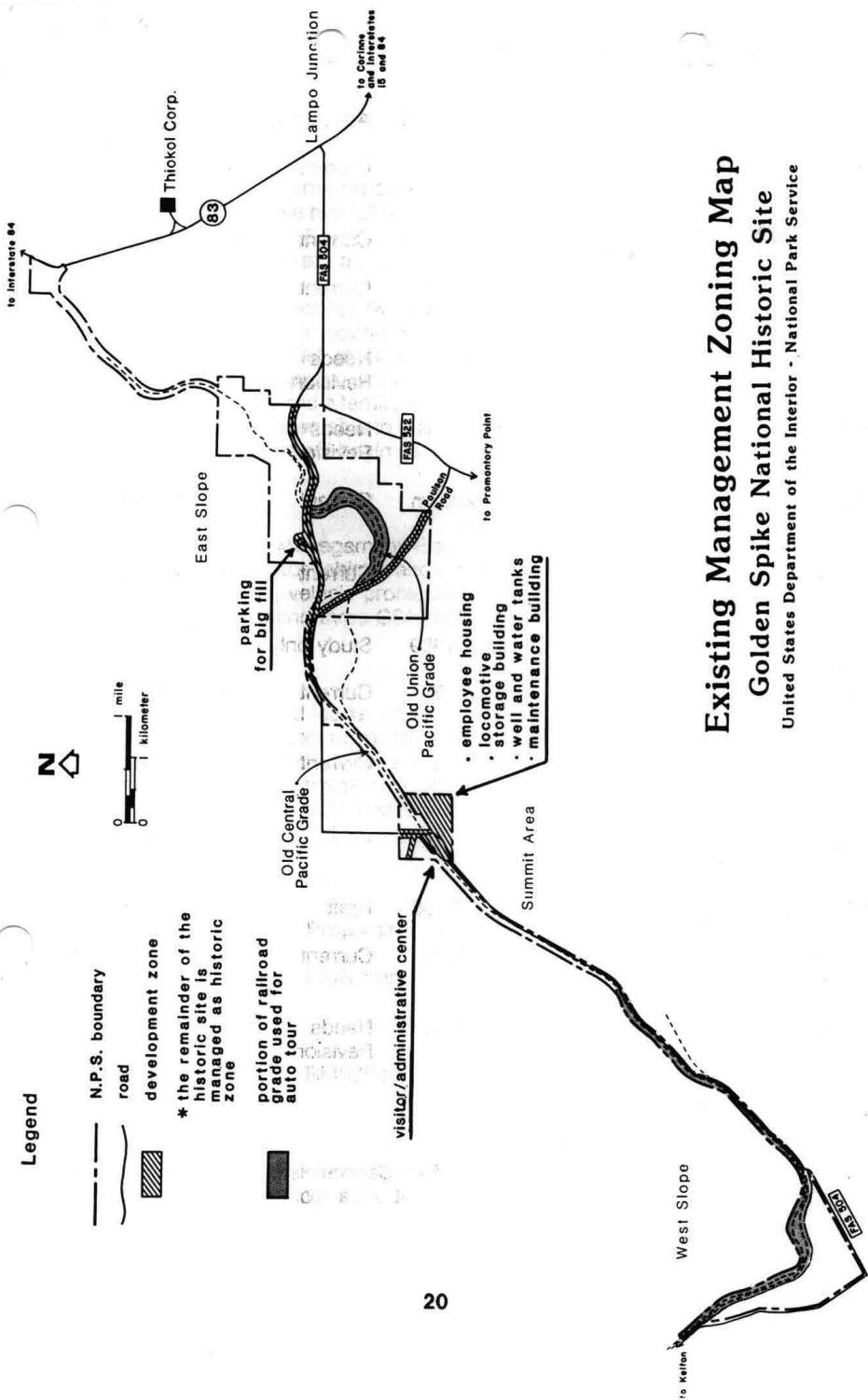
Samuel A. Hansen

O&C - S.S.C.	
MAY 9 1966	
CHRY	
COMIL	
CH. DEV. PLAN	
CH. PROJ. CONTROL	
ESTIMATES	
PROJ. CONTROL	
CH. PROJ. DESIG	
CH. CONTRACTS	
<i>H. Hansen</i>	
<i>W. Lord</i>	
ACTION TAKEN DATE <i>7/11</i>	

AC - Let me know if this is satisfactory so payment can be made
W. Lord



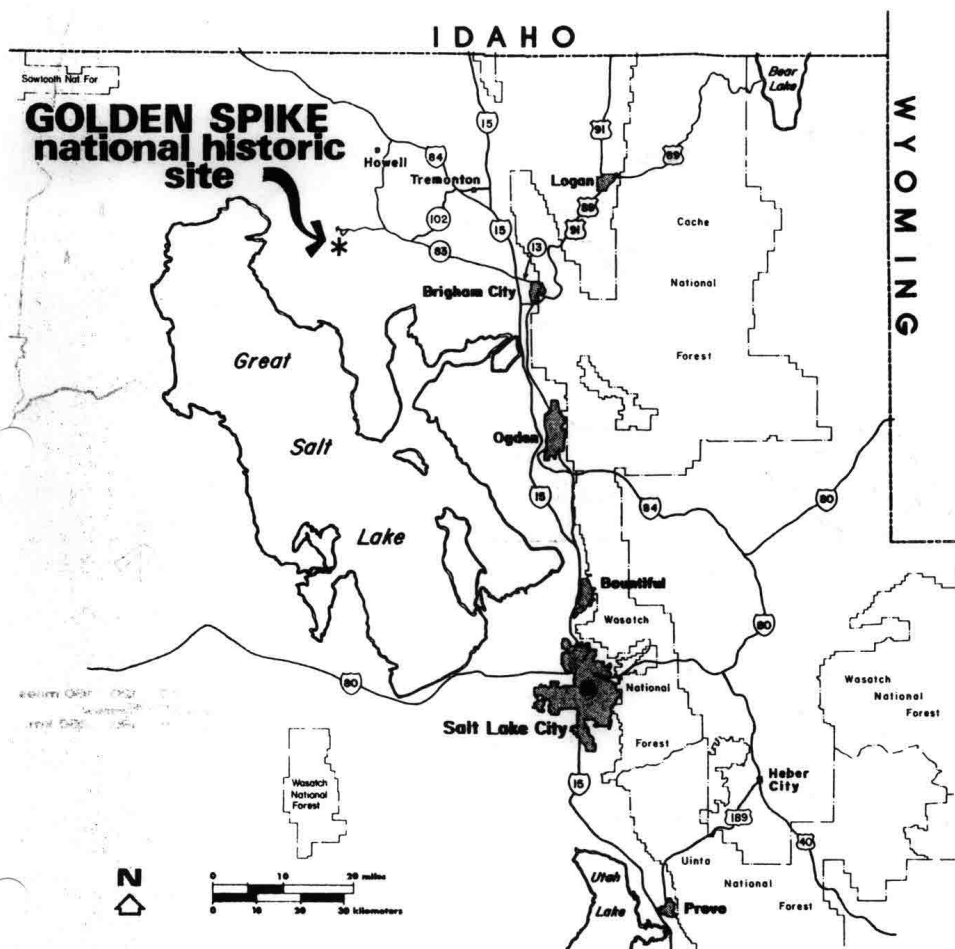
Maps and Miscellaneous Information



20

Existing Management Zoning Map **Golden Spike National Historic Site** United States Department of the Interior - National Park Service

431 | 80.032-B
 Jan 90 | RMFO

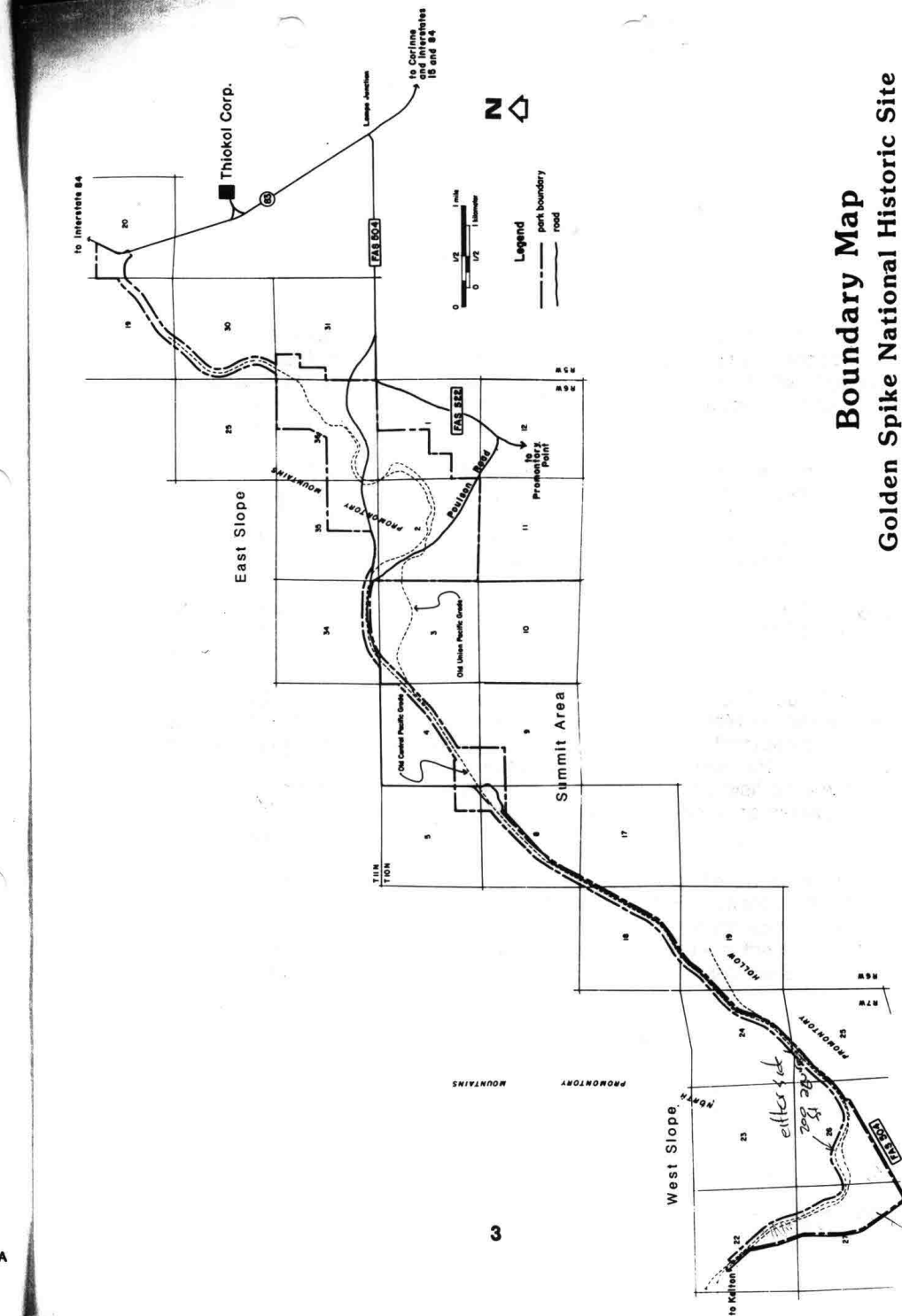


Vicinity Map

Golden Spike National Historic Site - Utah

United States Department of the Interior - National Park Service

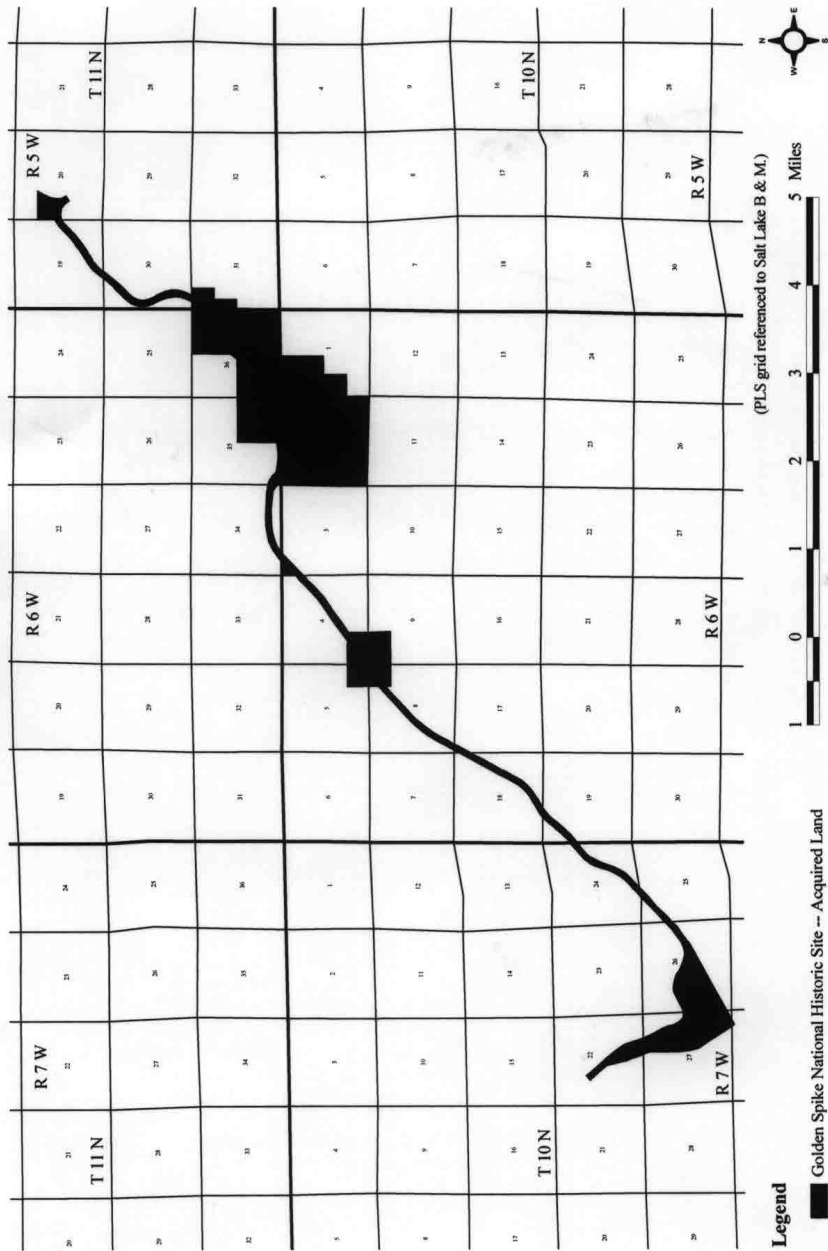
025-A
IRO

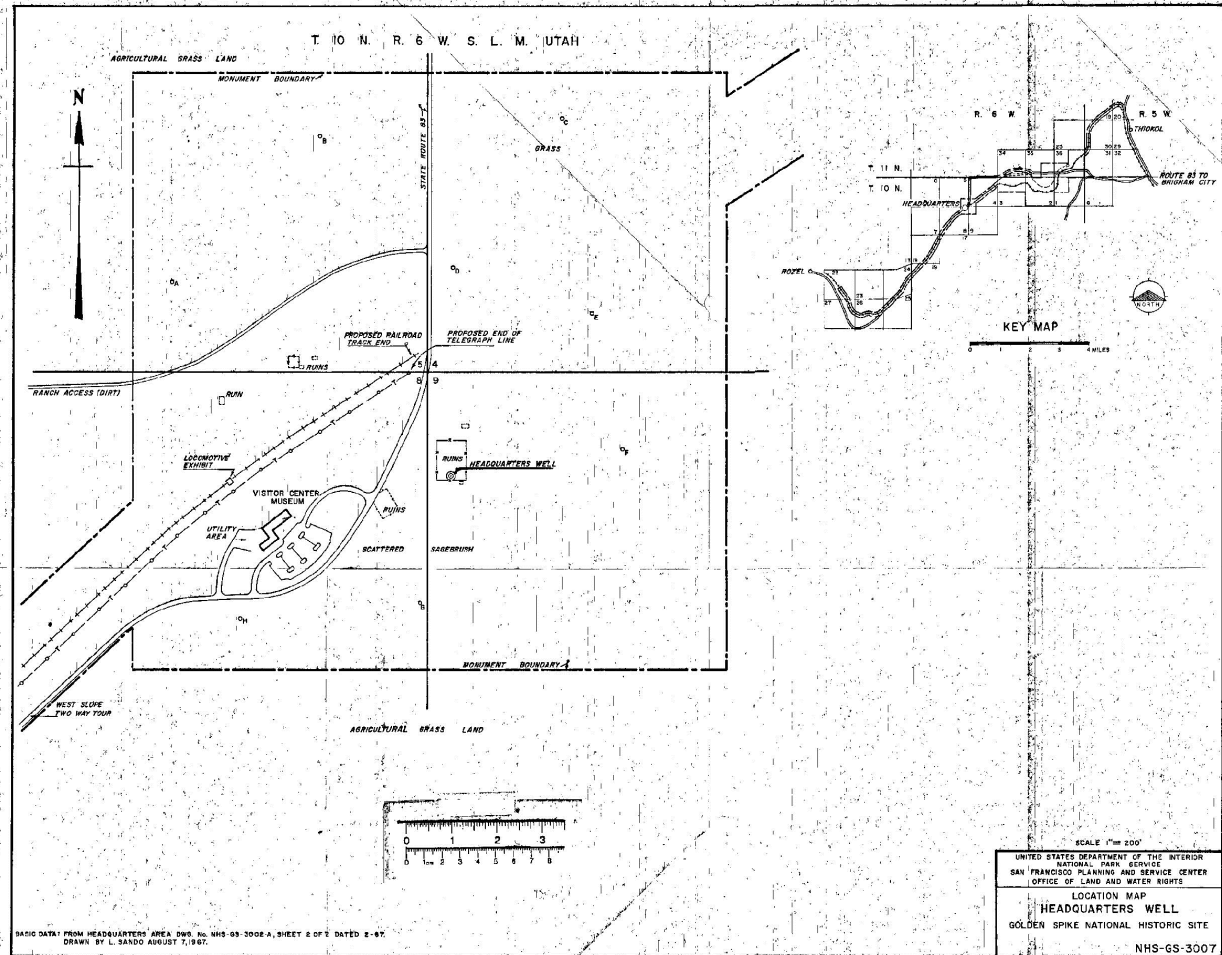


Boundary Map **Golden Spike National Historic Site** United States Department of the Interior - National Park Service

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Appendix A
Golden Spike National Historic Site





Docket Information

Number of Documents in Docket 57

Documents Dated from 5/6/1966 to 10/10/1973

Docket Compiled: 6/2/2016