



WATER-RIGHT DOCKET

Canyonlands National Park

Docket No: 8

HEADQUARTERS WELL. NEEDLES WELL #3A, 3B

Preliminary Docket Information

08-13-1993: note to the file; august 13, 1993

NOTE TO THE FILE

08/13/93
JSA

Needles Well No. 3A, Needles Well No. 3B (Headquarters Well)
[NPS Docket= CANY 0008]

Application 37064 was filed in 1964 (0.0233 cfs, for domestic and irrigation purposes). Change Application A-10790 was filed in 1979 to add an additional well, which was located about 30' away from the original well. The change application reduced the quantity of water to 0.011 cfs: it specified the use as being for 10 families and irrigation as applying to 0.026 acres. Subsequently, the State Engineer's Office sent NPS a letter in 1979, stating that a certificate was to be forthcoming (no certificate appears in the file). In 1980, the state sent a letter indicating that, instead of filing proof of appropriation, the NPS elected to have the state prepare a water user's claim for the pending adjudication (it was attached for NPS review).



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF WATER RIGHTS

DEE C. HANSEN
STATE ENGINEER
EARL M. STAKER
DEPUTY

74 WEST MAIN STREET
P.O. BOX 718
PRICE, UTAH 84501
637-1303

MARK P. PAGE
AREA ENGINEER

January 14, 1980

United States of America
National Park Service
655 Parfett Street
P.O. Box 25287
Denver, Colorado 80225

Re: (05-592) 37064

Dear Sir:

In lieu of Proof of Appropriation on Application No. (05-592) 37064
you elected to File an Election to have the State Engineer's Office prepare
a Statement of Water Users Claim in the pending general determination of
water rights.

The enclosed Water Users Claim(s) have been prepared by the Division of
Water Rights to cover the proof on the above-referenced application. Examine
the claim(s) carefully, and if there is any additional information which you
feel should be on the claim(s), you may add the information with a pen con-
taining black ink.

If you are in agreement with the information on the claim(s), please sign
the three copies in the presence of a notary, and return the first two copies
to this office within 15 days of the date hereon. Retain the third copy for
your records.

Should you have any questions, please feel free to come into the Southeastern
Utah Area Office located at 74 West Main, P.O. Box 718, Price, Utah 84501, or
phone us at 637-1303.

Thanking you in advance for your cooperation.

Sincerely,

Mark P. Page
Area Engineer

MPP:lmj

Form 114
25M 4-63IN THE SIXTH JUDICIAL DISTRICT COURT, IN AND FOR THE
COUNTY OF WAYNE STATE OF UTAHIN THE MATTER OF THE GENERAL DETERMINATION
OF RIGHTS TO THE USE OF ALL WATER, BOTH
SURFACE AND UNDERGROUND, WITHIN THE DRAINAGE
AREA OF THE COLORADO RIVER IN UTAH, BUT
EXCLUDING THE GREEN RIVER AND THE VIRGIN
RIVER DRAINAGE AREA.STATEMENT OF WATER
USER'S CLAIM
CODE NO. SERIAL NO.05 592
MAP NO.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 Log 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
655 Parfett St. Interest Claimed Full
2. Address P.O. Box 25287
3. Name of particular spring, stream, well or drain from which water is diverted is Sen Juan County.
4. Priority date claimed January 8, 1979 Date when water was first used
Date when work on diverting system was first begun January 1, 1979 Date when diverting system was completed
Nature of work Underground Water Well
5. Class of Right (Indicate by X):
(a) X Right to surface water initiated by beneficial use before 1903 Claim No. 37964 Cert. of App. No. Election
(b) X Right to underground water initiated before 1935 Claim No. Change No. 2-10790 - Cert. : Amendatory
(c) X Right decreed by court, cite title of case
(d) X Application filed, State Engineer's Office No. 37964
(e) X 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. 100 from April 1 to October 31 (both dates incl.)
(b) X Stockwatering Sec. Ft. 0 from January 1 to December 31 (both dates incl.)
(c) X Domestic Sec. Ft. 0.011 from January 1 to December 31 (both dates incl.)
(d) X Municipal Sec. Ft. 0 from January 1 to December 31 (both dates incl.)
(e) X Other Sec. Ft. 0 from January 1 to December 31 (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 1) S. 820 ft. & E. 870 ft.
2) S. 790 ft. & E. 890 ft. both from W. Cor. Sec. 30, T30S, R20E, SLB&M.
(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.)
05-592; 0.026 ac. S. 1/4 Sec. 30, T30S, R20E, SLB&M.
(b) Do you get water under a ditch owned by several users? No 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 10 families (The Needies 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. 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.

Signature of Claimant

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

NOTARY PUBLIC

Colorado

STATE OF ~~Utah~~

COUNTY OF Jefferson

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

William L. Mekeel

being first duly sworn, upon oath deposes and says that he is the agent for the United States of America 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.

For the National Park Service

Subscribed and sworn to before me this 24th day of January 1980

NOTARY PUBLIC



Form 31-A



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF WATER RIGHTS

DEE C. HANSEN
STATE ENGINEER

EARL M. STAKER
DEPUTY

200 EMPIRE BUILDING
231 EAST 400 SOUTH
SALT LAKE CITY, UTAH 84111
(801) 533-6071

WEST REGIONAL OFFICE	
Regional Director	
Secretary	
Deputy Reg. Director	
Administration	
Operations	
Plan. & Resource Pres.	
External Affairs	
Public Affairs	
Operations Evaluation	
EEO Office	
DIRECTING ENGINEERS	
HAROLD D. DONALDSON	
DONALD C. ANDERSON	
STANLEY GREEN	
ROBERT L. MORGAN	

December 14, 1979

United States of America
National Park Service
1709 Jackson Street
Omaha, Nebraska 68102

Gentlemen:

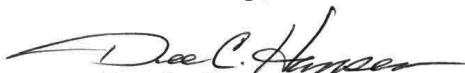
AMENDATORY

RE: Change Appl. No. a-10790 (05-592)

Enclsod is Change Application No. a-10790 (05-592) which has been approved. The approved change application is amendatory and serves only to affect a correction to Application No. A-37064, on which proof has been submitted.

A certificate of appropriation is being prepared and will be issued to you at an early date.

Yours truly,


Dee C. Hansen
State Engineer

DCH/slf
Encl.: Copy of Approved Change Application

CHANGE APPLICATION APPROVED
(Form for Pending Original Application)
(Proof of Appropriation filed)

x

13. The water will be used each year for:

Domestic from January 1 to December 31 incl.
 (purpose) (month) (day) (month) (day)
 Irrigation from April 1 to October 31 incl.
 (purpose) (month) (day) (month) (day)

and stored each year (if stored) from to incl.
 (month) (day) (month) (day)

14. It is now proposed to divert the water from Undergroud Water - Two Wells

(i.e., spring, spring area, stream, river, drain, well, etc.)
 at a point(s) as follows: (1) S. 820 ft. & E. 870 ft. from $\frac{1}{4}$ Cor.; (2) S. 790 ft.
 & E. 890 ft. from $\frac{1}{4}$ Cor.; both Sec. 30, T30S, R20E, S1B&M.

(Needles Area of Canyonlands National Park)

NOTE: The "point of diversion," or "point of return," must be located by course and distance or by rectangular distances with reference to some regularly established United States land corner or United States mineral monument if within a distance of six miles of either, or if a greater distance to some prominent and permanent natural object. A spring area must also be described by metes and bounds.

15. The proposed diverting and conveying works will consist of: (if a well, state diameter and depth thereof)

(1) 8-inch well, 52 ft. deep (2) 6-inch well, 38 ft. deep

16. If water is to be stored, give capacity of reservoir in acre-feet. height of dam.

area inundated in acres. legal subdivisions of area inundated

17. The water is to be used for the following purposes in the following described legal subdivisions: (if used for irrigation, state sole or supplemental supply, and describe other supplemental rights.)

Irrigation S&W $\frac{1}{4}$ Sec. 30, T30S, R20E, S1B&M.

Total acres to be irrigated .026

but limited to the sole irrigation supply of acres.

Stockwatering (number and kind)

Domestic (number of families and/or persons, etc.) 10 Families

Other

18. If paragraphs 11 and 12 designate that only part of the right described in paragraphs 1 to 10 inclusive is to be changed, designate the status of the water so affected by this change as to its being abandoned or used as heretofore.

EXPLANATORY

The following additional facts are set forth in order to define more clearly and completely the full purpose of the proposed change: This amendatory change is filed to include a second well found during the field examination. Total flow from the two points of diversion is well within the flow appropriated under approved Application No. 37064.

The undersigned hereby acknowledges that even though he may have been assisted in the preparation of the above-numbered application through the courtesy of the employees of the State Engineer's Office, all responsibility for the accuracy of the information contained therein, at the time of filing, rests with the applicant.

For the United States of America, National Park
 Service: *William L. Mekeel*

Signature of Applicant
 William L. Mekeel, Chief, Division of Water
 Resources, Rocky Mountain Region

(This page not to be filled in by applicant)

STATE ENGINEER'S ENDORSEMENTS

1. JAN 8 1979 Change Application received over-counter in State Engineer's office by up
by mail
 2. _____ Priority of right to make change brought down to, on account of _____
 3. 6/12/79 Fee for filing Application \$ 15.00, received by WA, Receipt No. 03932
 4. 7/11/79 Application microfilmed by _____ Roll No. 8683 and indexed by trm
 5. _____ Application platted by DA (D 30-20) 30 cdd
 6. JAN 8 1979 Application examined by up
 7. _____ Application returned, with letter, to _____ for correction
 8. _____ Corrected application resubmitted over counter to State Engineer's office
by mail
 9. JAN 8 1979 Application approved for advertisement by up
 10. JUL 31 1979 Notice to water users prepared by JOE CO
 11. AUG 9 1979 Publication began, was completed AUG 23 1979 San Juan Record
 12. 8/7/79 Proof slips checked by COYD
 13. _____ Change Application protested by _____
 14. 8/30/79 Publisher paid MEV No. 631067
 15. _____ Field Examined by _____
 16. 11-9-79 Application designated for approval by up S.G.
rejection
 17. 12/14/79 Change Application copied sif proofread by _____
 18. 12/14/79 Change Application approved and returned to applicant _____
~~reproducible~~
- This application is approved on the following conditions:
1. Actual construction work necessitated by proposed change shall be diligently prosecuted to completion.
 2. Proof of change shall be submitted to the State Engineer's office by _____ Under
 3. This change is subject to all conditions imposed on the approval of the original application or Ag 7064

Dee C. Hansen
Dee C. Hansen, State Engineer

19. _____ Time for making proof of change extended to _____
20. _____ Proof of change submitted.
21. _____ Certificate of change No. _____, issued.

I hereby certify that the foregoing is a true copy of the Application by _____
to change the point of diversion, place and nature of use of water as shown, with endorsements thereon, on
the records of my office on the date given below.

Salt Lake City, Utah _____, 19 _____
State Engineer

Change Application No. 2-10790

AMENDATORY

X



United States Department of the Interior

NATIONAL PARK SERVICE
ARCHES AND CANYONLANDS NATIONAL PARKS
NATURAL BRIDGES NATIONAL MONUMENT
MOAB, UTAH 84532

Rocky Mountain
Regional Office

NOV 21 '78

IN REPLY REFER TO:

D5039

November 16, 1978

Regional Director	
Deputy Reg. Director	
Administration	
Park Operations	☒
Plan & Resource Pres.	
Executive Assistant	
Communications & P.A.	
EEO	
Action Taken	

Memorandum

To: Regional Director, Rocky Mountain Region

Attention: Water Resources

From: Superintendent, Canyonlands

Subject: Water rights changes

Attached is an amendatory application for water rights in the Needles District of Canyonlands N.P., prepared by Mark Page, Utah State Division of Water Rights. Mr. Page recently made an investigation of the Needles sites and, in order to clear up the problem of two wells located within 30 feet of each other and having only one water right application, he has prepared this new form incorporating both wells. He requests this form be signed and a \$25.00 filing fee be submitted to him for processing and advertising. He sees no problem in the new application but requests he be contacted if any questions come up.

Peter L. Parry
Peter L. Parry

Enclosure

RECEIVED
NOV 21 1978
U.S. DEPT. OF THE INTERIOR
ROCKY MOUNTAIN REGIONAL OFFICE
MOAB, UTAH

AMENDATORY

Form No. 107 3-66

CHANGE APPLICATION NO.

Application for Permanent Change of Point of Diversion Place and Nature of Use of Water STATE OF UTAH

Please clearly and correctly complete the information requested below which defines the right or rights being changed. (Type or clearly print.)

For the purpose of obtaining permission to permanently change: the point of diversion ☒, place ☐, or nature of use ☐, of water rights acquired by Application No. 37064 (05-592)
(Give Number of Application, certificate of appropriation, title and date of Decree or other identification of right.)

If the right described has been amended by a previous approved change application, give the number of such change application. No.

- The name of the applicant is United States of America, National Park Service
- The post-office address of the applicant is 1709 Jackson Street, Omaha, Nebraska 68102
- The flow of water which has been or was to have been used in second-feet is 0.0233
- The quantity of water which has been or was to have been used in acre-feet is
- The water has been or was to have been used for and during periods as follows:

Domestic	from	January 1	to	December 31	incl.
(purpose)		(month)	(day)	(month)	(day)
Irrigation	from	April 1	to	October 31	incl.
(purpose)		(month)	(day)	(month)	(day)

and stored each year (if stored) from (month) (day) to (month) (day) incl.
- The direct source of supply is UGW - Well in San Juan County.
(well, spring, stream, drain, river; if other explain)
- The point or points of diversion N. 25° 29' E., 2019 ft. from the SW Cor. Sec. 30, T30S, R20E, S18&M.

(Must be the same as that of right being changed unless a previous change has been filed and approved. Then use the point or points approved in the previous change.)

o. Diversion works:

If a well give diameter and depth 8-inch well, 52 ft. deep

If a dam and reservoir give height, capacity, and area inundated

If other give type of diversion facility 1800 ft. of 1½-inch plastic pipe to a 7200 gallon tank

- The water involved has been or was to have been used for the following purposes in the following described legal subdivisions: (If used for irrigation, state sole or supplemental supply, and describe other supplemental rights.)

Irrigation N. 30, T30S, R20E, S18&M.

Total acres to be irrigated 5 acres

Stockwatering (number and kind)

Domestic (number of families and/or persons, etc.) 10 Families

Other

- The point at which water has been or was to have been returned to the stream channel is situated as follows: (Please describe method of return.)

Note: Paragraph 10 is to be completed only when all or part of the water is returned to the natural stream or channel.

The Following Changes Are Proposed

- The flow of water to be changed in cubic feet per second is .011
- The quantity of water to be changed in acre-feet is

(This page not to be filled in by applicant)

STATE ENGINEER'S ENDORSEMENTS

1. _____ Change Application received ^{over counter}
by mail in State Engineer's office by _____
2. _____ Priority of right to make change brought down to, on account of _____
3. _____ Fee for filing Application \$_____, received by_____, Receipt No. _____
4. _____ Application microfilmed by_____ Roll No._____ and indexed by_____
5. _____ Application platted by _____
6. _____ Application examined by _____
7. _____ Application returned, with letter, to _____ for correction
8. _____ Corrected application resubmitted ^{over counter}
by mail to State Engineer's office _____
9. _____ Application approved for advertisement by _____
10. _____ Notice to water users prepared by _____
11. _____ Publication began, was completed _____
12. _____ Proof slips checked by _____
13. _____ Change Application protested by _____
14. _____ Publisher paid MEV No. _____
15. _____ Field Examined by _____
16. _____ Application designated for ^{approval}
rejection by _____
17. _____ Change Application copied _____ proofread by _____
18. _____ Change Application ^{approved}
rejected and returned to applicant _____

This application is approved on the following conditions:

1. Actual construction work necessitated by proposed change shall be diligently prosecuted to completion.
2. Proof of change shall be submitted to the State Engineer's office by _____
3. This change is subject to all conditions imposed on the approval of the original application or right

State Engineer

19. _____ Time for making proof of change extended to _____
20. _____ Proof of change submitted.
21. _____ Certificate of change No. _____, issued.

I hereby certify that the foregoing is a true copy of the Application by _____
to change the point of diversion, place and nature of use of water as shown, with endorsements thereon, on
the records of my office on the date given below.

Salt Lake City, Utah _____, 19_____
State Engineer

Change Application No. _____

CANY / WR #1

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. 37064 (05-592)

STATE OF UTAH)
COUNTY OF San Juan) ss.

Richard W. Ketcham for
the United States of America, being first duly sworn,

says that he is the owner of the above application; that the
development contemplated under this application has been completed
and the water placed to beneficial use.

In lieu of submitting "Proof 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
prepared by the State Engineer and submitted for execution at an
early date.

Richard W. Ketcham
APPLICANT

Subscribed and sworn to before me this 17 day of

January, 1973.

John Murrell
NOTARY PUBLIC



Form 19



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

442 STATE CAPITOL
SALT LAKE CITY, UTAH 84114
July 17, 1968

DIVISION OF
WATER RIGHTS

HUBERT C. LAMBERT
STATE ENGINEER

United States National Park Service
P. O. Box 36025
450 Golden Gate Avenue
San Francisco, California 94102

RE: APPLICATION NO.

36771 (05-554)
37064 (05-592)
37065 (05-593)

Gentlemen:

Request for extension of time in which to submit
Proof of Appropriation or Proof of Change contem-
plated by the above application has been considered
and the time for receiving Proof is hereby extended
from February 28, 1968, to February 28, 1973,
inclusive.

Yours truly,

Hubert C. Lambert

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

mt

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 to
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 29

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

APPLICATION NO. 37064 (05-592)
STATE OF UTAH
COUNTY OF San Juan

Applicant's Present Address
P.O. BOX 36025 450 Golden Gate Ave.
San Francisco, Calif. Zip 94102

William E. Fields, being first duly sworn says that he is the (agent of 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.

Work done: Well construction and testing \$2,000.00
Remaining work: Water system Est. cost \$150,000.00

Reason not completed:

The war in Viet Nam has caused cuts in our appropriations and we have not been able to complete the work needed for full beneficial use.

Request is made for reinstatement and extension of time for filing proof from February 28, 1968, to February 28, 1973.

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; and affiant upon oath states that the information given above is to the best of his knowledge true and correct.

William E. Fields
APPLICANT

Supervisory Hydraulic Engineer

(If a corporation, give title of officer signing)

Subscribed and sworn to before me this 23 day of February, 1968.

[Signature]
NOTARY PUBLIC

JAMES E. BAKER DISTRICT CLERK
STATE OF CALIFORNIA

FOR OFFICE USE ONLY

PROOF DUE DATE _____ 14 YEAR PERIOD ENDS _____

HEARING _____

APPLICANT DID APPEAR _____ APPLICANT DID NOT APPEAR _____

APPLICANT REPRESENTED BY _____

REMARKS: _____

RECOMMENDED DISPOSITION: _____

Form 97 10M 2-62

Application No. 05-513 2
3764APPLICATION 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 supplementary 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 87501
4. The quantity of water to be appropriated is 0.0233 second-feet or _____ acre-feet
5. The water is to be used for _____ from January 1 to December 31
(Month) (Day) (Month) (Day)
other use period _____ from April 1 to October 31
(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 Colorado River
(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, 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 San Juan County, situated at a point *
N 25°29'E., 2019' from the southwest corner of Section 30, T. 30 S., R. 20 E.,
SLB&M.

*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 8" diameter well, 52' deep, 1800' of 1-1/2" plastic pipe to a 7200 gal. tank and 600' of 2-1/2" plastic pipe to place of use.

10. If water is to be stored, give capacity of reservoir in acre-feet _____ height of dam 27-65'
area inundated in acres _____ legal subdivision of area inundated ACTUAL DIA. 6" DETH 50'
SL. ENG. ENDORSED 7-12-65
11. If application is for irrigation purposes, the legal subdivisions of the area irrigated are as follows: Acres
NW 1/4 Section 30, T. 30 S., R. 20 E., SLB&M.

Total Five (5) Acres

12. Is the land owned by the applicant? Yes X No _____ If "No," explain on page 2.
13. Is this water to be used supplementally with other water rights? Yes _____ No X
If "yes," identify other water rights on page 2.
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 persons 5,000 visitors per year
or families 10
18. If application is for municipal purposes, name of municipality _____
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 Land Survey for all uses described in paragraphs 14 to 19, incl. NW 1/4 Section 30, T. 30 S., R. 20 E., SLB&M.
21. The use of water as set forth in this application will consume 0.0233 second-feet of water
and 6.0 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 between 50-55 feet in depth, an eight inch hole cased with 6" casing. It will provide water through 1800' of 1-1/2" plastic pipe to a 7200 gallon storage tank and will be distributed for the use of the residential area near Cave Springs in Canyonlands National Park.

NOTHING HEREIN CONSTITUTES A WAIVER OF ANY OTHER RIGHTS WHICH MIGHT BE HELD BY 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.

UNITED STATES OF AMERICA, National Park Service Southwest Region

Daniel B. Beard
Signature of Applicant
Daniel B. Beard, Regional Director

*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, }
County of _____ } ss

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. July 2, 1965 Application received ^{by mail} ~~over counter~~ in State Engineer's office by SR
2. Priority of Application brought down to, on account of.....
3. July 2, 1965 Application fee, \$10.00, received by SR Rec. No. 61070
4. July 15, 1965 Application copied in book page 422, and indexed by SR
5. July 12, 1965 Application platted by SR (D-30-20) 30 c b d as desired 7/12/65
6. July 26, 1965 Application examined by SR
7. Application returned, ... or corrected by office.....
8. Corrected Application resubmitted ^{over counter} ~~by mail~~ to State Engineer's office.
9. July 26, 1965 Application approved for advertisement by SR
10. Aug. 13, 1965 Notice to water users prepared by SR
11. Aug. 26, 1965 Publication began; was completed Sept. 9, 1965
Notice published in Utah Journal Reprinted by the Salt Lake Tribune
12. Aug. 26, 1965 Proof slips checked by SR and H.M.
13. Application protested by.....
14. Sept. 22, 1965 Publisher paid by M.E.V. No. 2-1077
15. Hearing held by.....
16. Field examination by.....
17. Oct. 22, 1965 Application designated for ^{approval} ~~rejection~~ 112 SR
18. Nov. 2, 1965 Application copied or photostated by bps proofread by.....
19. Nov. 2, 1965 Application ^{approved} ~~rejected~~
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 Feb. 28, 1968
c.
21. Time for making Proof of Appropriation extended to.....
22. Proof of Appropriation submitted.
23. Certificate of Appropriation, No....., issued

Hubert C. Lambert
Hubert C. Lambert State Engineer.

Application No. 37004

Supporting Hydro Data

Headquarters Well
(Needles Well No. 2)
Contract No. 14-10-0333-1416
April 1965

Drilled by Lester Binning of Payson, Utah

Total Contract Price \$5,786

This well is located in the NW $\frac{1}{4}$, SW $\frac{1}{4}$ of Sec. 30, T30S, R20E. The work was done April 13 to 27, 1965. It is 6 inches in diameter, 50 feet deep, is cased to the bottom, and yielded 4 GPM with 30 feet of drawdown after 48 hours of pumping. Static water level was 18' and water temperature was 60° (well driller's report).

This was the third test hole drilled under this contract and the second one to be converted to a production well. The driller placed a pump in the well and it has been used since. The pump is a $\frac{1}{4}$ H.P. Jacuzzi submersible and it pumps into a 5,800 gallon steel tank.

The state application for this well is No. 37064 (05-592).

This well has been known as the Cave Canyon well, Headquarters well, Needles District Headquarters well, Well No. 2 and Well No. 3. It is located in the Cave Canyon part of the Needles area and serves the Headquarters development. The difference in numbering is due to whether the non-potable test hole drilled under this contract is included or not.

Narrative Statement - by James W. Roberts
Hydraulic Engineer, SSC - 8/20/69

See Part I
on Qual.

G.W. Type Analysis A-1 USGS CHEMICAL ANALYSIS NPS Account 05
 State Utah County Location Canyonlands Nat'l. Park, Moab, Utah Project 34
 Latitude-Longitude Application # 37064 Well No. 2, Headquarters Well Date Collected 6-10-68 rec'd. 8
 Owner Date Drilled Source Depth (ft) Diam. (in)

pH 7.9 Temp (°C)
 Hardness as CaCO₃ 237
 45 Total 237
 Noncarbonate 27
 Color 10 S.A.R. 0.7
 % Na 17 T/af
 Density (g/ml at 20°C)
 W.B.F.
 Producing Intervals
 W.L.
 Sampled after Pumping (Time)
 Yield
 Point Collection
 Appearance
 Use
 Collected by
 Remarks:
 Chemist RL, EP Checked By EFW
 Date Completed 6/25/68
 Date Transmitted
 Laboratory No. 63953

Specific Conductance (micromhos at 25°C): T <u>24.9</u> R KCl <u> </u> R Sample <u>680</u> <u>529</u>		mg/L	me/L	mg/L	me/L
Silica (SiO ₂) f <u>50.2</u> vol <u>10</u>		<u>5.6</u>			
o.d. <u>112</u> <u>(5.6)</u>					
Calcium (Ca) T = <u>2.14</u> me/L TH <u>4.74</u>					
vol <u> </u> <u>(64)</u>		<u>64</u>	<u>3.19</u>		
Magnesium (Mg) <u>1-10.85</u>					
vol <u> </u> <u>(19)</u>		<u>19</u>	<u>1.55</u>		
Sodium (Na) vol <u> </u>					
range <u>0-50</u> <u>(23)</u>					
reading <u>23</u> <u>(23)</u>		<u>23</u>	<u>1.00</u>		
Potassium (K) vol <u> </u>					
range <u>0-10</u> <u>(3.2)</u>					
reading <u>3.2</u> <u>(3.2)</u>		<u>3.2</u>	<u>0.68</u>		
Na+K (Calculated)					
Iron (Fe) f <u> </u> vol <u> </u>					
dissolved: o.d. <u>0.17</u> <u>(0.17)</u>		<u>0.17</u>			
Total: o.d. <u> </u>					
Bicarbonate (HCO ₃) <u>(256)</u>		<u>256</u>	<u>4.20</u>		
vol <u>50</u> <u>F12.80</u> <u>126</u>					
Carbonate (CO ₃) <u> </u>		<u>0</u>	<u>0.00</u>		
Sulfate (SO ₄) T = <u>2.42</u>					
vol <u>10</u>					
f <u>50</u> <u>(48)</u>		<u>48</u>	<u>1.00</u>		
Chloride (Cl) T = <u>2.82</u>					
vol <u> </u> <u>(14)</u>		<u>14</u>	<u>0.39</u>		
AgNO ₃ <u> </u>					
Fluoride (F) vol <u>10</u>					
o.d. <u>1.413</u> <u>(0.3)</u>		<u>0.3</u>	<u>0.02</u>		
Nitrate (NO ₃) f <u>11.2</u> vol <u>10</u>					
o.d. <u>0.19</u> <u>(0.2)</u>		<u>0.2</u>	<u>0.06</u>		
Boron (B) f <u>11.2</u> vol <u>1</u>					
o.d. <u>0.14</u> <u>(0.14)</u>		<u>0.14</u>			
Dissolved solids: Sum of Constituents <u>(304)</u>		<u>304</u>	<u>8.7</u>		
Residue on Evaporation at 180°C					
vol <u> </u> <u>54.8655</u> <u>(314)</u>		<u>314</u>	<u>8.9</u>		
dish <u>X-89</u>					
TOTAL CATIONS					
TOTAL ANIONS					

Provisional records, subject to revision.

Maps and Miscellaneous Information

[illegible]

 Paved Road
 Unpaved Road
 Hiking Trail
 Landfill Location
 Well Locations
 Ranger Station

INCHES

2/9/98

HELLO JEFF:

The attached info. is
probably more than you
want to know on ~~NEEDLES~~
wells.

Our producing well is #7.
We use this for domestic
water. Well #6 is our
back up well.

Please call on Fri 2/13/98

Mike Hunter

435-259-3911 X2150#

Docket Information

Number of Documents in Docket 22

Documents Dated from 11/2/1965 to 2/2/1998

Docket Compiled: 2/2/2011