



WATER-RIGHT DOCKET

Petrified Forest National Park

Docket No: 3

RIO PUERCO WELL NO. 2

State Water Rights Documentation

09-30-1999: Letter to AZ Dept of Water Resources regarding State of Claim of Right to Use Public Waters & Other Uses Amendm



IN REPLY REFER TO:

L54 (2380)
WUPA/Water Rights
PEFO/Water Rights
SUCR/Water Rights
WACA/Water Rights

Diane Hanna, Surface Water Rights
Arizona Department of Water Resources
Adjudications Division
500 North 3rd Street
Phoenix, Arizona 85004

Re: Statement Of Claim Of Right To Use Public Waters Of The State Of Arizona –
Registry No.s (to be assigned)
Statement Of Claimant Form For Other Uses Amendment – File No.s 39-89220,
39-89222, 39-91444, 39-91445, 39-91446, and 39-91447.

Dear Ms. Hanna:

Attached you will find completed water rights claim forms for Wupatki National Monument, Petrified Forest National Park, Sunset Crater National Monument, and Walnut Canyon National Monument.

“Statement Of Claim Of Right To Use Public Waters Of The State Of Arizona” forms are filed for Peshlaki and Heiser Springs in Wupatki National Monument.

“Statement Of Claimant Form For Other Uses Amendment” forms are filed to amend the claimed priority dates for Peshlaki and Hesier Springs in Wupatki National Monument. Please note the “Registry Number” referred to in Items 2, 3, and 15 must be filled in after your office has processed the “Statement Of Claim” forms and assigned a Registry Number. Amended claims are also filed to amend the quantifiable present and future administrative consumptive uses for Petrified Forest National Park, Sunset Crater National Monument, and Wupatki National Monument, and to amend the boundary description for Walnut Canyon National Monument.

Please return signed and dated copies of the processed claim forms to our office. Contact

Jim Harte (970) 225-3538 with any questions you may have regarding these claims.

Sincerely,

A handwritten signature in cursive script, appearing to read "Charles W. Pettee".

Charles W. Pettee
Chief, Water Rights Branch

Enclosures

cc: Peter Fahmy
Andy Walch
Flagstaff Areas – Sam R. Henderson
PEFO – Michelle Hellickson

STATEMENT OF CLAIMANT FORM
FOROTHER USES¹
AMENDMENT

SUPERIOR COURT OF APACHE COUNTY

File No. 39-

Date Filed:

WFN

1. Claimant Name: United States of America c/o National Park Service (Walnut Canyon NM)Claimant Address: 1201 Oak Ridge Dr. Suite 250 City Fort CollinsState: Colorado Zip Code 80525-5596 Telephone 970-225-3500

2. Basis of Claim:

- A. ☐ Appropriation Right acquired prior to June 12, 1919. 1974 Water Rights Registration Act Registry No. _____
- B. ☐ Appropriation Right acquired after June 12, 1919. Application No. _____ Permit No. _____, or Certificate of Water Right No. _____
- C. ☐ Decreed water right. Principal litigants, court, date and case no. _____
- D. ☐ Right to withdraw groundwater. Grandfathered Right No. _____
- E. ☒ Other, describe: (see file No. 39-89220)

3. Claimed Priority Date: ____/____/____ (month/day/year) (see File No. 39-89220)-

4. Use:

- A. ☐ Municipal
- B. ☐ Commercial or Industrial
- C. ☐ Mining
- D. ☐ Stockwatering other than from a stockpond
- E. ☐ Recreation, Fish & Wildlife
- F. ☒ Other, describe: (see file No. 39-89220)

5. Source of Water: (see file No. 39-89220)

- A. ☐ Stream: name _____, tributary to _____
- B. ☐ Spring: name _____, tributary to _____
- C. ☐ Lake or Reservoir: name _____, tributary to _____
- D. ☐ Groundwater.

6. Legal description of the Point of Diversion: (attach additional sheet if required) (see file No. 39-89220)

____ 1/4, ____ 1/4, ____ 1/4, Section _____, Township _____ N/S, Range _____ E/W

7. If there are Irrigation, Domestic or Stockpond Uses also supplied from the Point of Diversion, describe: _____

8. Means of Diversion:

- A. ☐ Instream pump.
- B. ☐ Gravity flow into a ditch, canal or pipeline.
- C. ☒ Well: Arizona Department of Water Resources Well Registration No. 55-629093
- D. ☒ Other, describe: (see file No. 39-89220)

¹ See Instructions for explanation of uses in this category

9. Means of Conveyance:

A. ☐ Ditch, canal or pipeline. If the means of conveyance is owned and/or operated by some other entity, please give name and address: _____

B. ☒ Other, describe: (see file No. 39-89220) _____

10. Place of Use, If other than point of diversion: (attach additional sheet if required)

County Coconino County

Legal Subdivision _____

Section _____

Township _____

Range _____

N/S

E/W

N/S

E/W

11. Claimed Right: (see file No. 39-89220)

A. Maximum Flow Rate: _____ ☐ cubic-feet per second

☐ gallons per minute

☐ Arizona miner's inches

B. Annual Volume of Water Use: 12 _____ acre-feet per Annum

C. Storage Right: _____ acre-feet

12. Attach photographs, maps or sketches necessary to show the point of diversion, storage reservoir(s) place(s) of use and means of conveyance.

13. It may be necessary for a representative from the Department of Water Resources to inspect the diversion, conveyance and place of use. Your signature following will grant permission to enter your property for the purpose of inspection: Signature of Claimant _____

(Chuck Pettee, Branch Chief, Water Rights Branch, National Park Service)

14. Should it be necessary for a representative of the Department to contact you as the claimant or your representative, are there any special instructions regarding time of day or address to aid in locating the specified person? Additional contacts include William Hansen (970) 225-3532 and

Jim Harte (970) 225-3538.

15. Additional comments: Amends claim No. 39-89220 to include Walnut Canyon National Monument boundary modification, Section 208, --P.L. 104-333, 110 Stat. 4093, "Walnut Canyon National Monument Boundary Modification", November 12, 1996, published in the Federal Register and included as an attachment to this amendment.

(attach additional sheet if required)

16. Mail form(s) to: Department of Water Resources, Adjudications Division, 15 South 15th Avenue, Phoenix, Arizona 85007.

ARIZONA DEPARTMENT OF WATER RESOURCES
ADJUDICATIONS DIVISION
500 NORTH 3RD STREET
PHOENIX, ARIZONA 85004

17. Notarized Statement:

I (We), _____

the claimant(s) named in this claim, do hereby certify under penalty of perjury, that the information contained and statements made herein are to the best of my (our) knowledge and belief true, correct and complete.

(seal)

My Commission Expires _____

Notary Public

or,

Authorized Personnel of the Department of Water Resources

STATEMENT OF CLAIMANT FORM
FOR

OTHER USES¹ AMENDMENT

SUPERIOR COURT OF APACHE COUNTY

File No. 39-
 Date Filed:
 WFN

1. Claimant Name: United States of America, c/o National Park Service (Wupatki NM)
 Claimant Address: 1201 Oakridge Drive, Suite 250 City Fort Collins
 State: Colorado Zip Code 80525 Telephone (970) 225-3500
2. Basis of Claim:
 - A. ☐ Appropriation Right acquired prior to June 12, 1919. 1974 Water Rights Registration Act Registry No. _____
 - B. ☐ Appropriation Right acquired after June 12, 1919. Application No. _____
 Permit No. _____, or Certificate of Water Right No. _____
 - C. ☐ Decreed water right. Principal litigants, court, date and case no. _____
 - D. ☐ Right to withdraw groundwater. Grandfathered Right No. _____
 - E. ☒ Other, describe: (see File No. 39-91444)
3. Claimed Priority Date: ____/____/____ (month/day/year) (see file No. 39-91444)
4. Use:

A. ☐ Municipal B. ☐ Commercial or Industrial C. ☐ Mining D. ☐ Stockwatering other than from a stockpond	E. ☐ Recreation, Fish & Wildlife F. ☒ Other, describe: <u>(see file No. 39-91444)</u>
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5. Source of Water: (see file No. 39-91444 with attachment)
 - A. ☐ Stream: name _____, tributary to _____
 - B. ☐ Spring: name _____, tributary to _____
 - C. ☐ Lake or Reservoir: name _____, tributary to _____
 - D. ☐ Groundwater.
6. Legal description of the Point of Diversion: (attach additional sheet if required) (see file No. 39-91444)
 _____ 1/4, _____ 1/4, _____ 1/4, Section _____, Township _____ N/S, Range _____ E/W
7. If there are Irrigation, Domestic or Stockpond Uses also supplied from the Point of Diversion, describe: _____
8. Means of Diversion:
 - A. ☐ Instream pump.
 - B. ☐ Gravity flow into a ditch, canal or pipeline.
 - C. ☐ Well: Arizona Department of Water Resources Well Registration No. 55- _____
 - D. ☒ Other, describe: (see file No. 39-91444)

¹ See Instructions for explanation of uses in this category

9. Means of Conveyance:

A. ☐ Ditch, canal or pipeline. If the means of conveyance is owned and/or operated by some other entity, please give name and address: _____

B. ☒ Other, describe: (see file No. 39-91444) _____

10. Place of Use, If other than point of diversion: (attach additional sheet if required)

County Coconino

Legal Subdivision _____

Section _____

Township _____

Range _____

N/S

E/W

N/S

E/W

11. Claimed Right: (see file No. 39-91444)

A. Maximum Flow Rate: _____

☐ cubic-feet per second

☐ gallons per minute

☐ Arizona miner's inches

B. Annual Volume of Water Use: 16.0

acre-feet per annum

C. Storage Right: _____

acre-feet

12. Attach photographs, maps or sketches necessary to show the point of diversion, storage reservoir(s) place(s) of use and means of conveyance.

13. It may be necessary for a representative from the Department of Water Resources to inspect the diversion, conveyance and place of use. Your signature following will grant permission to enter your property for the purpose of inspection: Signature of Claimant _____

(Chuck Pettee, Branch Chief, Water Rights Branch, National Park Service)

14. Should it be necessary for a representative of the Department to contact you as the claimant or your representative, are there any special instructions regarding time of day or address to aid in locating the specified person? Additional contacts include: William Hansen (970) 225-9532 and
Jim Harte (970) 225-3538.

15. Additional comments: Amends item II-A-4-C (page 4), to the attachment to claim

No. 39-91444, regarding Wupatki National Monument. Amends quantifiable present
and future administrative consumptive uses from 17 acre-feet per annum to
16 acre-feet per annum.

(attach additional sheet if required)

16. Mail form(s) to: Department of Water Resources, Adjudications Division, 15 South 15th Avenue, Phoenix, Arizona 85007.

ARIZONA DEPARTMENT OF WATER RESOURCES
ADJUDICATIONS DIVISION
500 NORTH 3RD STREET
PHOENIX, ARIZONA 85004

17. Notarized Statement:

I (We), _____

the claimant(s) named in this claim, do hereby certify under penalty of perjury, that the information contained and statements made herein are to the best of my (our) knowledge and belief true, correct and complete.

(seal)

My Commission Expires _____

Notary Public

or, _____

Authorized Personnel of the Department of Water Resources

STATEMENT OF CLAIMANT FORM
FOROTHER USES¹
AMENDMENT

SUPERIOR COURT OF APACHE COUNTY

File No. 39: _____

Date Filed: _____

WFN: _____

1. Claimant Name: United States of America c/o National Park Service (Petrified Forest NP)
 Claimant Address: 1201 Oak Ridge Drive, Suite 250 City Fort Collins
 State: Colorado Zip Code 80525 Telephone 970-225-3500

2. Basis of Claim:

- A. ☐ Appropriation Right acquired prior to June 12, 1919. 1974 Water Rights Registration Act Registry No. _____
- B. ☐ Appropriation Right acquired after June 12, 1919. Application No. _____
 Permit No. _____, or Certificate of Water Right No. _____
- C. ☐ Decreed water right. Principal litigants, court, date and case no. _____
- D. ☐ Right to withdraw groundwater. Grandfathered Right No. _____
- E. ☒ Other, describe: (see File No. 39-89222)

3. Claimed Priority Date: ____/____/____ (month/day/year) (See File No. 39-89222)

4. Use:

- A. ☐ Municipal
- B. ☐ Commercial or Industrial
- C. ☐ Mining
- D. ☐ Stockwatering other than from a stockpond
- E. ☐ Recreation, Fish & Wildlife
- F. ☒ Other, describe:
(see File No. 39-89222)

5. Source of Water: (see File No. 39-89222)

- A. ☐ Stream: name _____, tributary to _____
- B. ☐ Spring: name _____, tributary to _____
- C. ☐ Lake or Reservoir: name _____, tributary to _____
- D. ☐ Groundwater.

6. Legal description of the Point of Diversion: (attach additional sheet if required) (See File No. 39-89222)

____ 1/4, ____ 1/4, ____ 1/4, Section _____, Township _____ N/S, Range _____ E/W

7. If there are Irrigation, Domestic or Stockpond Uses also supplied from the Point of Diversion, describe: _____

8. Means of Diversion:

- A. ☐ Instream pump.
- B. ☐ Gravity flow into a ditch, canal or pipeline.
- C. ☒ Well: Arizona Department of Water Resources Well Registration No. 55. (see Item 15)
- D. ☒ Other, describe: (see File No. 39-89222)

¹ See Instructions for explanation of uses in this category

9. Means of Conveyance:

- A. ☐ Ditch, canal or pipeline. If the means of conveyance is owned and/or operated by some other entity, please give name and address: _____
- B. ☒ Other, describe: (See File No. 39-89222) _____

10. Place of Use, if other than point of diversion: (attach additional sheet if required) Petrified Forest National Park

County Apache & Navajo

Legal Subdivision _____

Section _____

Township _____

Range _____

N/S _____ E/W _____

N/S _____ E/W _____

11. Claimed Right: (see File No. 39-89222) ☐ cubic-feet per second

- A. Maximum Flow Rate: _____ ☐ gallons per minute
- _____ ☐ Arizona miner's inches

B. Annual Volume of Water Use: 35.0 acre-feet per annum

C. Storage Right: _____ acre-feet

12. Attach photographs, maps or sketches necessary to show the point of diversion, storage reservoir(s) place(s) of use and means of conveyance.

13. It may be necessary for a representative from the Department of Water Resources to inspect the diversion, conveyance and place of use. Your signature following will grant permission to enter your property for the purpose of inspection: Signature of Claimant _____

(Chuck Pettee, Branch Chief, Water Resources Branch, National Park Service)

14. Should it be necessary for a representative of the Department to contact you as the claimant or your representative, are there any special instructions regarding time of day or address to aid in locating the specified person? Additional contacts include: William Hansen (970) 225-3532 and
Jim Harte (970) 225-353815. Additional comments: Amends Item II-B-4-C (page 9), to attachment to claim No. 39-89222, regarding Petrified Forest National Park. Amends quantifiable, present and future administrative consumptive uses from 10 acre-feet per annum to 35 acre-feet per annum. 8.c.(continued) well registration No. 55-629113, 629091, 506605, 506603

(attach additional sheet if required)

16. Mail form(s) to: Department of Water Resources, Adjudications Division, 15 South 15th Avenue, Phoenix, Arizona 85007.

ARIZONA DEPARTMENT OF WATER RESOURCES
ADJUDICATIONS DIVISION
500 NORTH 3RD STREET
PHOENIX, ARIZONA 85004

17. Notarized Statement:

I (We), _____

the claimant(s) named in this claim, do hereby certify under penalty of perjury, that the information contained and statements made herein are to the best of my (our) knowledge and belief true, correct and complete.

(seal)

My Commission Expires _____

Notary Public _____

or, _____

Authorized Personnel of the Department of Water Resources

STATEMENT OF CLAIMANT FORM
FOROTHER USES¹
AMENDMENT

SUPERIOR COURT OF APACHE COUNTY

File No. 39- _____

Date Filed: _____

WFN _____

1. Claimant Name: United States of America c/o National Park Service (Sunset Crater NM)
 Claimant Address: 1201 OakRidge Drive, Suite 250 City Fort Collins
 State: Colorado Zip Code 80525 Telephone (970) 225-3500

2. Basis of Claim:

- A. ☐ Appropriation Right acquired prior to June 12, 1919. 1974 Water Rights Registration Act Registry No. _____
- B. ☐ Appropriation Right acquired after June 12, 1919. Application No. _____ Permit No. _____, or Certificate of Water Right No. _____
- C. ☐ Decreed water right. Principal litigants, court, date and case no. _____
- D. ☐ Right to withdraw groundwater. Grandfathered Right No. _____
- E. ☒ Other, describe: (see File No. 39-91447)

3. Claimed Priority Date: ____/____/____ (month/day/year) (see file No. 39-91447)

4. Use:

- A. ☐ Municipal
- B. ☐ Commercial or Industrial
- C. ☐ Mining
- D. ☐ Stockwatering other than from a stockpond
- E. ☐ Recreation, Fish & Wildlife
- F. ☒ Other, describe: (see file No. 39-91447)

5. Source of Water: (see file No. 39-91447)

- A. ☐ Stream: name _____, tributary to _____
- B. ☐ Spring: name _____, tributary to _____
- C. ☐ Lake or Reservoir: name _____, tributary to _____
- D. ☐ Groundwater.

6. Legal description of the Point of Diversion: (attach additional sheet if required) (see file No. 39-91447)
 _____ 1/4, _____ 1/4, _____ 1/4, Section _____, Township _____ N/S, Range _____ E/W

7. If there are Irrigation, Domestic or Stockpond Uses also supplied from the Point of Diversion, describe: _____

8. Means of Diversion:

- A. ☐ Instream pump.
- B. ☐ Gravity flow into a ditch, canal or pipeline.
- C. ☒ Well: Arizona Department of Water Resources Well Registration No. 55- 649813
- D. ☒ Other, describe: (see file No. 39-91447)

¹ See Instructions for explanation of uses in this category.

9. Means of Conveyance:

A. ☐ Ditch, canal or pipeline. If the means of conveyance is owned and/or operated by some other entity, please give name and address: _____

B. ☒ Other, describe: (see file No. 39-91447) _____

10. Place of Use, If other than point of diversion: (attach additional sheet if required) Sunset Crater National Monument
 County Coconino
 Legal Subdivision _____ Section _____ Township _____ Range _____
 _____ N/S _____ E/W
 _____ N/S _____ E/W

11. Claimed Right: (see file No. 39-91447) ☐ cubic-foot per second

A. Maximum Flow Rate: _____ ☐ gallons per minute

B. Annual Volume of Water Use: 32 _____ acre-feet per annum ☐ Arizona miner's inches

C. Storage Right: _____ acre-feet

12. Attach photographs, maps or sketches necessary to show the point of diversion, storage reservoir(s) place(s) of use and means of conveyance.

13. It may be necessary for a representative from the Department of Water Resources to inspect the diversion, conveyance and place of use. Your signature following will grant permission to enter your property for the purpose of inspection: Signature of Claimant _____

(Chuck Pettee, Branch Chief, Water Rights Branch, National Park Service)
 14. Should it be necessary for a representative of the Department to contact you as the claimant or your representative, are there any special instructions regarding time of day or address to aid in locating the specified person? Additional contacts include: William Hansen (970)225-3532 and Jim Harte (970) 225-3538

15. Additional comments: Amends Item II-B-4-C (page 8), to the attachment to claim No. 39-91447, regarding Sunset Crater National Monument. Amends quantifiable present and future administrative consumptive uses from 20 acre-feet per annum to 32 acre-feet per annum.
Well #55-649813 replaces Well #A23-8(21-1)715 however #A23-8(21-1) 715 is available for
 (attach additional sheet if required) emergency use.

16. Mail form(s) to: Department of Water Resources, Adjudications Division, 15 South 15th Avenue, Phoenix, Arizona 85007.

17. Notarized Statement:

I (We), _____

the claimant(s) named in this claim, do hereby certify under penalty of perjury, that the information contained and statements made herein are to the best of my (our) knowledge and belief true, correct and complete.

(seal)

My Commission Expires _____

Notary Public

or, _____

Authorized Personnel of the Department of Water Resources

STATEMENT OF CLAIMANT FORM
FOROTHER USES¹
AMENDMENT

SUPERIOR COURT OF APACHE COUNTY

File No. 39-

Date Filed:

WFN

1. Claimant Name: United States of America c/o National Park Service (Wupatki NM)Claimant Address: 1201 Oakridge Drive, Suite 250 City Fort Collins
State: Colorado Zip Code 80525 Telephone (970) 225-3500

2. Basis of Claim:

- A. ☐ Appropriation Right acquired prior to June 12, 1919. 1974 Water Rights Registration Act Registry No. _____
- B. ☒ Appropriation Right acquired after June 12, 1919. Application No. (A-25-0) 32-1(718) Permit No. _____, or Certificate of Water Right No. _____
- C. ☐ Decreed water right. Principal litigants, court, date and case no. _____
- D. ☐ Right to withdraw groundwater. Grandfathered Right No. _____
- E. ☒ Other, describe: (see file No. 39-91445)

3. Claimed Priority Date: ____ / ____ / 1892 (month/day/year) (see Registry No. _____ and attachment)

4. Use:

- A. ☒ Municipal
- B. ☐ Commercial or Industrial
- C. ☐ Mining
- D. ☒ Stockwatering other than from a stockpond
- E. ☒ Recreation, Fish & Wildlife
- F. ☒ Other, describe: (see file No. 39-91445 and attachment)

5. Source of Water:

- A. ☐ Stream: name _____, tributary to _____
- B. ☒ Spring: name Heiser Spring in Heiser Wash, tributary to Little Colorado River
- C. ☐ Lake or Reservoir: name _____, tributary to _____
- D. ☐ Groundwater.

6. Legal description of the Point of Diversion: (attach additional sheet if required) (see file No. 39-91445)
NW $\frac{1}{4}$, SE $\frac{1}{4}$, NW $\frac{1}{4}$, Section 32, Township 25 N/S, Range 10 E/W7. If there are Irrigation, Domestic or Stockpond Uses also supplied from the Point of Diversion, describe: (see file No. 39-91445)

8. Means of Diversion:

- A. ☐ Instream pump.
- B. ☒ Gravity flow into a ditch, canal or pipeline.
- C. ☐ Well: Arizona Department of Water Resources Well Registration No. 55-_____
- D. ☐ Other, describe: _____

¹ See Instructions for explanation of uses in this category

9. Means of Conveyance:

A. ☒ Ditch, canal or pipeline. If the means of conveyance is owned and/or operated by some other entity, please give name and address: _____

B. ☐ Other, describe: _____

10. Place of Use, if other than point of diversion: (attach additional sheet if required)

County Coconino

Legal Subdivision

(see file 39-91445)

Section _____

Township _____

Range _____

N/S

E/W

N/S

E/W

11. Claimed Right: (see file No. 39-91445)

A. Maximum Flow Rate: _____

☐ cubic-feet per second

☐ gallons per minute

☐ Arizona miner's inches

B. Annual Volume of Water Use: 2.5 acre-feet

C. Storage Right: _____ acre-feet

12. Attach photographs, maps or sketches necessary to show the point of diversion, storage reservoir(s) place(s) of use and means of conveyance.

13. It may be necessary for a representative from the Department of Water Resources to inspect the diversion, conveyance and place of use. Your signature following will grant permission to enter your property for the purpose of inspection: Signature of Claimant _____

(Chuck Pettee, Branch Chief, Water Rights Branch, National Park Service)

14. Should it be necessary for a representative of the Department to contact you as the claimant or your representative, are there any special instructions regarding time of day or address to aid in locating the specified person? Additional contacts include: William Hansen (970) 225-3532 and

Jim Harte (970) 225-3538

15. Additional comments: Amends item 3 (file No. 39-91445): claimed priority Date,
from August 23, 1942 to 1892. (See Registry No. _____ with attached affidavit)

(attach additional sheet if required)

16. Mail form(s) to: Department of Water Resources, Adjudications Division, ~~15 South 15th Avenue, Phoenix,~~
~~Arizona 85007.~~

ARIZONA DEPARTMENT OF WATER RESOURCES
ADJUDICATIONS DIVISION
500 NORTH 3RD STREET
PHOENIX, ARIZONA 85004

17. Notarized Statement:

I (We), _____

the claimant(s) named in this claim, do hereby certify under penalty of perjury, that the information contained and statements made herein are to the best of my (our) knowledge and belief true, correct and complete.

(seal)

My Commission Expires _____

Notary Public

or,

Authorized Personnel of the Department of Water Resources

ARIZONA DEPARTMENT OF WATER RESOURCES
SURFACE WATER RIGHTS

MAIL TO: P.O. BOX 458

PHOENIX, ARIZONA 85001-0458

500 North Third Street

Phoenix, Arizona 85004-3903

Telephone (602) 417-2442

Fax (602) 417-2424

(For office use only)

Registry No: _____

Date Filed: _____

STATEMENT OF CLAIM OF RIGHT TO USE PUBLIC WATERS OF THE STATE OF ARIZONA

1. Claimant USA, National Park Service Telephone 970-225-3500
Address 1201 OakRidge Dr. Suite 250 City Fort Collins State CO Zip 80525
2. Type of water source and name Heiser Spring in Heiser Wash
a tributary to Little Colorado River within the Kana a Wash watershed
(for office use only)
- 3.

Type of Water Use(s) (e.g. irrigation, domestic, stock)	Annual Use (list use amount for each type)	Acres Irrigated (irrigation use only)	Specific Months of Use (if not for entire year)
Municipal, irrigation,	2.5 acre-feet	N/A	January thru December
Stock watering,	(total for all uses)	N/A	(for all uses)
recreation, wildlife			

4. Date the water was first used beneficially (month/day/year): _____ /1892
5. Location of point of water diversion: County Coconino
Lot _____ NW $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$, Section 32, Township 25 N/S Range 10 E/W
(if applicable)
6. Location of place(s) of water use: County Coconino
Lot _____ $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$, Section 30, Township 25 N/S, Range 10 E/W
(if applicable)
Lot _____ $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$, Section 32, Township 25 N/S Range 10 E/W
(if applicable)
7. Legal basis for the claim (attach any documents being filed in support of claim): State law-initiation of
diversion and application to beneficial use. Conveyed to U.S. by warranty deed dated
Nov. 22, 1949 from CO Bar Livestock Company (see attached affidavit)
The information contained herein is true and correct to the best of my (our) knowledge.

STATE OF ARIZONA)

County of _____)

Signature(s)

SUBSCRIBED AND SWORN to before me this _____ day of _____, 19____.

My commission expires _____

Notary Public

INSTRUCTIONS

STATEMENT OF CLAIM OF RIGHT TO USE PUBLIC WATERS OF THE STATE OF ARIZONA

This claim is for surface water which is defined by statute as "the waters of all sources, flowing in streams, canyons, ravines, or other natural channels, or in a definite underground channel, whether perennial or intermittent, flood, waste or surplus water, and of lakes, ponds and springs on the surface."

The following instructions are referenced by number to the questions on the claim.

1. Complete name of claimant, current mailing address, including zip code and telephone number. If the claimant is a corporation or business, include the name of the authorizing agent.
2. Give the name of the direct source of surface water and the type of source. If known, provide the name of the drainage, creek, etc. to which the source is a tributary.
3. Describe the claimed beneficial uses including the annual quantity of use (in gallons or acre-feet for each type of use), the irrigated acreage for any claimed irrigation use and the months the water is used. A quantity of use must be provided for each beneficial use or the claim will be returned for correction. Per Arizona Revised Statute § 45-181, beneficial use includes but is not limited to, use for domestic, municipal, recreation, wildlife, including fish, agricultural, mining, stockwatering, and power purposes.
4. The date of first beneficial use must be completed or the claim will be returned for correction.
5. Provide the legal land description for the location of the claimed point of diversion from the claimed source. This location must be described to the nearest 40 acre tract ($\frac{1}{4}, \frac{1}{4}$) or other appropriate description or the claim will be returned for correction.
6. Provide the legal land description for the location of the place(s) of use. This location must be described to the nearest 40 acre tract ($\frac{1}{4}, \frac{1}{4}$) or other appropriate description or the claim will be returned for correction.
7. Provide any information you may have pertaining to the legal basis of the claim. Documentation could include affidavits, homestead documents, a notice of location, notice of appropriation, photographs, etc.

General Instructions:

1. A separate form must be filed for each claimed right to use public water.
2. A \$10.00 filing fee must accompany each claim.
3. The statement of claim is a sworn affidavit. The statement of claim must be signed by the claimant(s) and must be subscribed and sworn to.
4. The filing of a statement of claim pursuant to this article which knowingly provides for an overstatement of a right either in quantity of water or times of use claimed constitutes a class 3 misdemeanor.

03/27/99 3:07 PM 02:52 PM NPS WATER RESOURCES DIVISION/DENVER

P.2

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AFFIDAVIT

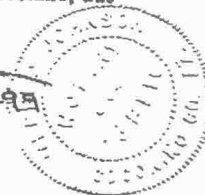
I, James Babbitt, being duly sworn and more than eighteen years of age, do hereby state and affirm as follows:

1. I am the DIRECTOR of the CO Bar Ranch, located N. of FLAGSTAFF, AZ. I have been a DIRECTOR since 1985.
2. Based on my own investigations about the history of water use on the CO Bar Ranch, I believe water from Peshlaki and Heiser Springs was first used for domestic and stockwatering purposes at the original homestead on the ranch in ~~1885~~ ¹⁸⁹².
3. I further believe that since ~~1885~~ ¹⁸⁹² water from Peshlaki and Heiser Springs has been continuously used for domestic and stockwatering purposes by CO Bar Ranch, the Navajo Nation, and the National Park Service.

James E. Babbitt
JAMES BABBITT
DIRECTOR of the CO Bar Ranch

Subscribed and sworn to before me in the State of Arizona, County of Coconino, this 21 day of April, 1998, by James Babbitt.

Martin D. John
NOTARY PUBLIC
6-9-98



STATEMENT OF CLAIMANT FORM
FOROTHER USES¹
AMENDMENT

SUPERIOR COURT OF APACHE COUNTY

File No. 39- _____

Date Filed: _____

WFN _____

1. Claimant Name: United States of America c/o National Park Service (Wupatki NM)Claimant Address: 1201 OakRidge Drive, Suite 250 City Fort CollinsState: Colorado Zip Code 80525 Telephone 970-225-3500

2. Basis of Claim:

- A. ☐ Appropriation Right acquired prior to June 12, 1919. 1974 Water Rights Registration Act Registry No. _____
- B. ☐ Appropriation Right acquired after June 12, 1919. Application No. _____ Permit No. _____, or Certificate of Water Right No. _____
- C. ☐ Decreed water right. Principal litigants, court, date and case no. _____
- D. ☐ Right to withdraw groundwater. Grandfathered Right No. _____
- E. ☒ Other, describe: (see registry No: _____)

3. Claimed Priority Date: _____ / _____ / 1892(month/day/year) (see registry No.: _____ and attachment)

4. Use:

- A. ☒ Municipal
- B. ☐ Commercial or Industrial
- C. ☐ Mining
- D. ☐ Stockwatering other than from a stockpond
- E. ☒ Recreation, Fish & Wildlife
- F. ☒ Other, describe: (see file No. 39-91446 and attachment)

5. Source of Water:

- A. ☐ Stream: name _____, tributary to _____
- B. ☒ Spring: name Peshlaki(aka Cottonwood), tributary to N/A
- C. ☐ Lake or Reservoir: name _____, tributary to _____
- D. ☐ Groundwater.

6. Legal description of the Point of Diversion: (attach additional sheet if required)

NE 1/4, SW 1/4, SW 1/4, Section 32, Township 25 N/S, Range 10 E/WX

7. If there are Irrigation, Domestic or Stockpond Uses also supplied from the Point of Diversion, describe: _____

8. Means of Diversion:

- A. ☐ Instream pump.
- B. ☒ Gravity flow into a ditch, canal or pipeline.
- C. ☐ Well: Arizona Department of Water Resources Well Registration No. 55- _____
- D. ☐ Other, describe: _____

¹ See Instructions for explanation of uses in this category

9. Means of Conveyance:

A. ☒ Ditch, canal or pipeline. If the means of conveyance is owned and/or operated by some other entity, please give name and address: _____

B. ☐ Other, describe: _____

10. Place of Use, If other than point of diversion: (attach additional sheet if required)

County _____

Legal Subdivision _____

Section _____

Township _____

Range _____

N/S

E/W

N/S

E/W

11. Claimed Right: (see file No. 39-91446)

A. Maximum Flow Rate: _____

☐ cubic-feet per second☐ gallons per minute☐ Arizona miner's inches

B. Annual Volume of Water Use: 0.5 _____ acre-feet per annum

C. Storage Right: _____ acre-feet

12. Attach photographs, maps or sketches necessary to show the point of diversion, storage reservoir(s) place(s) of use and means of conveyance.

13. It may be necessary for a representative from the Department of Water Resources to inspect the diversion, conveyance and place of use. Your signature following will grant permission to enter your property for the purpose of inspection: Signature of Claimant _____
(Chuck Pettee, Branch Chief, Water Rights Branch, National Park Service)

14. Should it be necessary for a representative of the Department to contact you as the claimant or your representative, are there any special instructions regarding time of day or address to aid in locating the specified person? Additional contacts include: William Hansen (970) 225-3532 and Jim Harte (970) 225-3538

15. Additional comments: Amends item 3 (file No. 39-91446): claimed priority date, from December 31, 1983 to 1892. (see Registry No. _____ with attached affidavit)

(attach additional sheet if required)

16. Mail form(s) to: Department of Water Resources, Adjudications Division, 15 South 15th Avenue, Phoenix, Arizona 85007.

ARIZONA DEPARTMENT OF WATER RESOURCES
ADJUDICATIONS DIVISION
500 NORTH 3RD STREET
PHOENIX, ARIZONA 85004

17. Notarized Statement:

I (We), _____

the claimant(s) named in this claim, do hereby certify under penalty of perjury, that the information contained and statements made herein are to the best of my (our) knowledge and belief true, correct and complete.

(seal)

My Commission Expires _____

Notary Public

or, _____

Authorized Personnel of the Department of Water Resources

ARIZONA DEPARTMENT OF WATER RESOURCES
SURFACE WATER RIGHTS

MAIL TO: P.O. BOX 458
PHOENIX, ARIZONA 85001-0458
500 North Third Street
Phoenix, Arizona 85004-3903
Telephone (602) 417-2442
Fax (602) 417-2424

(For office use only)

Registry No: _____

Date Filed: _____

STATEMENT OF CLAIM OF RIGHT TO USE PUBLIC WATERS OF THE STATE OF ARIZONA

1. Claimant USA, National Park Service Telephone 970-225-3500
Address 1201 OakRidge Dr. Suite 250 City Fort Collins State CO Zip 80525
2. Type of water source and name Peshlaki (aka Cottonwood) Spring
a tributary to N/A within the Kana a Wash watershed
(for office use only)

Type of Water Use(s) (e.g. irrigation, domestic, stock)	Annual Use (list use amount for each type)	Acres Irrigated (irrigation use only)	Specific Months of Use (if not for entire year)
Municipal, Recreation,	.5 acre-feet (total	N/A	January thru December
Fish and Wildlife	for all uses)	N/A	(for all uses)

4. Date the water was first used beneficially (month/day/year): _____/1892
5. Location of point of water diversion: County Coconino
Lot _____ NE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$, Section 32, Township 25 N/S Range 10 E/W
(if applicable)
6. Location of place(s) of water use: County Coconino
Lot _____ $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$, Section 32, Township 25 N/S Range 10 E/W
(if applicable)
Lot _____ $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$, Section _____, Township _____ N/S, Range _____ E/W
(if applicable)
7. Legal basis for the claim (attach any documents being filed in support of claim): State law-initiation of
diversion and application to beneficial use, conveyed to U.S. by warranty deed dated
Nov. 22, 1949 from CO Bar Livestock Company (see attached affidavit)
The information contained herein is true and correct to the best of my (our) knowledge.

STATE OF ARIZONA)
County of _____)

Signature(s)

SUBSCRIBED AND SWORN to before me this _____ day of _____, 19____.

My commission expires _____

Notary Public

INSTRUCTIONS

STATEMENT OF CLAIM OF RIGHT TO USE PUBLIC WATERS OF THE STATE OF ARIZONA

This claim is for surface water which is defined by statute as "the waters of all sources, flowing in streams, canyons, ravines, or other natural channels, or in a definite underground channel, whether perennial or intermittent, flood, waste or surplus water, and of lakes, ponds and springs on the surface."

The following instructions are referenced by number to the questions on the claim.

1. Complete name of claimant, current mailing address, including zip code and telephone number. If the claimant is a corporation or business, include the name of the authorizing agent.
2. Give the name of the direct source of surface water and the type of source. If known, provide the name of the drainage, creek, etc. to which the source is a tributary.
3. Describe the claimed beneficial uses including the annual quantity of use (in gallons or acre-feet for each type of use), the irrigated acreage for any claimed irrigation use and the months the water is used. A quantity of use must be provided for each beneficial use or the claim will be returned for correction. Per Arizona Revised Statute § 45-181, beneficial use includes but is not limited to, use for domestic, municipal, recreation, wildlife, including fish, agricultural, mining, stockwatering, and power purposes.
4. The date of first beneficial use must be completed or the claim will be returned for correction.
5. Provide the legal land description for the location of the claimed point of diversion from the claimed source. This location must be described to the nearest 40 acre tract ($\frac{1}{4}$, $\frac{1}{4}$) or other appropriate description or the claim will be returned for correction.
6. Provide the legal land description for the location of the place(s) of use. This location must be described to the nearest 40 acre tract ($\frac{1}{4}$, $\frac{1}{4}$) or other appropriate description or the claim will be returned for correction.
7. Provide any information you may have pertaining to the legal basis of the claim. Documentation could include affidavits, homestead documents, a notice of location, notice of appropriation, photographs, etc.

General Instructions:

1. A separate form must be filed for each claimed right to use public water.
2. A \$10.00 filing fee must accompany each claim.
3. The statement of claim is a sworn affidavit. The statement of claim must be signed by the claimant(s) and must be subscribed and sworn to.
4. **The filing of a statement of claim pursuant to this article which knowingly provides for an overstatement of a right either in quantity of water or times of use claimed constitutes a class 3 misdemeanor.**

03/27/99 02:52PM NPS WATER RESOURCES DIVISION/R/DENVER

P.2

002

AFFIDAVIT

I, James Babbitt, being duly sworn and more than eighteen years of age, do hereby state and affirm as follows:

1. I am the ² DIRECTOR of the CO Bar Ranch, located N. EE FLAGSTAFF, AZ. I have been a DIRECTOR since 1985.

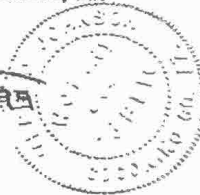
2. Based on my own investigations about the history of water use on the CO Bar Ranch, I believe water from Peshlaki and Heiser Springs was first used for domestic and stockwatering purposes at the original homestead on the ranch in ~~1885~~ ¹⁸⁹².

3. I further believe that since ¹⁸⁹² ~~1885~~ water from Peshlaki and Heiser Springs has been continuously used for domestic and stockwatering purposes by CO Bar Ranch, the Navajo Nation, and the National Park Service.

James E. Babbitt
JAMES BABBITT
DIRECTOR of the CO Bar Ranch

Subscribed and sworn to before me in the State of Arizona, County of Coconino, this 27 day of April, 1998, by James Babbitt.

Martin D. John
NOTARY PUBLIC
6-9-98



JUN-15-99 TUE 15:55

JUN-15-99 TUE 10:55 AM

INTMOW LAND RES-SANCA FE

FAX NO. 5059886709

P. 05

P. 4

WALNUT CANYON NATIONAL MONUMENT

AREA: 40.00 Acres

DATE: June 29, 1998

INTEREST TO BE ACQUIRED: Fee

TRACT 01-117

Situated in the State of Arizona, County of Coconino, being more particularly described:

All of the NW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 31 of Township 21 North, Range 9 East of the Gila and Salt River Base and Meridian and containing 40.00 acres of land, more or less.

JUN-15-99 TUE 15:55

JUN-15-99 TUE 10:55 AM

WNTMTH LAND RES-SANTA FE

FAX NO. 5059886709

P. 06

P. 5

WALNUT CANYON NATIONAL MONUMENT

AREA: 690.00 Acres

DATE: June 29, 1998

INTEREST TO BE ACQUIRED: Fee

TRACT NO. 01-115

Situated in the State of Arizona, County of Coconino, in a portion of Section 27, a portion of Section 33 and Section 34 of Township 21 North, Range 8 East of the Gila and Salt River Base and Meridian, being more particularly described:

All of Lot 1; Lot 2; the S $\frac{1}{4}$ SE $\frac{1}{4}$; E $\frac{1}{4}$ of Lot 3; and the E $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ of said Section 27 and containing 200.00 acres of land, more or less.

All of the E $\frac{1}{4}$ E $\frac{1}{4}$ SE $\frac{1}{4}$; E $\frac{1}{4}$ W $\frac{1}{4}$ E $\frac{1}{4}$ SE $\frac{1}{4}$; E $\frac{1}{4}$ of Lot 1; and E $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ of said Section 33 and containing 50.00 acres of land, more or less.

All of the N $\frac{1}{4}$; N $\frac{1}{4}$ SW $\frac{1}{4}$; and N $\frac{1}{4}$ S $\frac{1}{4}$ SW $\frac{1}{4}$ of said Section 34 and containing 440.00 acres of land, more or less.

The above described parcel, known as Tract 01-115 of Walnut Canyon National Monument contains a total of 690.00 acres of land, more or less.

SEP-13-99 MON 10:52 AM

INTN LAND RES-SANTA FE

FAX NO. 5059886709

P. 2

WALNUT CANYON NATIONAL MONUMENT

AREA: 547.00 ACRES

DATE: JUNE 29, 1998

REVISED DATE: SEPTEMBER 2, 1999

INTEREST TO BE ACQUIRED: FEE

TRACT 01-106 AND 01-116

Situated in the State of Arizona, County of Coconino, in a portion of Section 28, Section 29 and Section 30 of Township 21 North, Range 9 East of the Gila and Salt River Base and Meridian, being more particularly described:

The Northwest Quarter of Section 28;

Also, a parcel of land more particularly described as follows:

Beginning at the West 1/16 corner common to Section 31 and said Section 30 of Township 21 North, Range 9 East;

Thence, Northeasterly, on a straight line to the quarter corner common to said Section 29 and said Section 30;

Thence, Northeasterly, from said quarter corner on a straight line, to the Section corner common to the Section 20, Section 21, said Section 28 and said Section 29;

Thence, South, along the section line common with said Section 28 and said Section 29 to the quarter corner common with said sections;

Thence, Southwesterly, from said quarter corner to the section corner common to said Section 29, said Section 30, Section 31 and Section 32;

Thence, West, along the South line of said Section 30, to the point of beginning.

Excepting therefrom a 50.00 foot right-of-way designated as the Walnut Creek Reservoir Pipeline right-of-way in a Quitclaim Deed from The Atchison, Topeka and Santa Fe Railway Company to Warren Stanley Smith, et ux. as recorded in Docket No. 1259, page 512 of the deed records of Coconino County.

The above-described parcel, known as Tract 01-106 and 01-116 of Walnut Canyon National Monument contains a total of 547.00 acres of land, more or less.

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PARKS AND PUBLIC LANDS ACT

P.L. 104-388
Sec. 208

"(d) To further the purposes of the monument, the Secretary is also authorized to acquire from willing sellers only, by donation, purchase with donated or appropriated funds, or exchange not to exceed 65 acres outside the boundary depicted on the map referred to in section 301 and develop and operate thereon research, information, interpretive, and administrative facilities. Lands acquired and facilities developed pursuant to this subsection shall be administered by the Secretary as part of the monument. The boundary of the monument shall be modified to include the lands added under this subsection as a non-contiguous parcel."

SEC. 207. WUPATKI NATIONAL MONUMENT BOUNDARY ADJUSTMENT.

16 USC 431 note.

The boundaries of the Wupatki National Monument, Arizona, are hereby revised to include the lands and interests in lands within the area generally depicted as "Proposed Addition 168.89 Acres" on the map entitled "Boundary—Wupatki and Sunset Crater National Monuments, Arizona", numbered 322-80,021, and dated April 1989. The map shall be on file and available for public inspection in the Office of the National Park Service, Department of the Interior. Subject to valid existing rights, Federal lands and interests therein within the area added to the monument by this section are hereby transferred without monetary consideration or reimbursement to the administrative jurisdiction of the National Park Service, to be administered as part of the monument in accordance with the laws and regulations applicable thereto.

SEC. 208. WALNUT CANYON NATIONAL MONUMENT BOUNDARY MODIFICATION.

16 USC 431 note.

(a) PURPOSE.—The purpose of this section is to modify the boundaries of the Walnut Canyon National Monument (hereafter in this section referred to as the "national monument") to improve management of the national monument and associated resources.

(b) BOUNDARY MODIFICATION.—Effective on the date of enactment of this Act, the boundaries of the national monument shall be modified as depicted on the map entitled "Boundary Proposal—Walnut Canyon National Monument, Coconino County, Arizona", numbered 360/80,010, and dated September 1994. Such map shall be on file and available for public inspection in the offices of the Director of the National Park Service, Department of the Interior. The Secretary of the Interior, in consultation with the Secretary of Agriculture, is authorized to make technical and clerical corrections to such map.

(c) ACQUISITION AND TRANSFER OF PROPERTY.—The Secretary of the Interior is authorized to acquire lands and interest in lands within the national monument, by donation, purchase with donated or appropriated funds, or exchange. Federal property within the boundaries of the national monument (as modified by this section) is hereby transferred to the administrative jurisdiction of the Secretary of the Interior for management as part of the national monument. Federal property excluded from the monument pursuant to the boundary modification under subsection (b) is hereby transferred to the administrative jurisdiction of the Secretary of Agriculture to be managed as a part of the Coconino National Forest.

(d) ADMINISTRATION.—The Secretary of the Interior, acting through the Director of the National Park Service, shall manage the national monument in accordance with this title and the provisions of law generally applicable to units of the National Park Service, including "An Act to establish a National Park Service,

110 STAT. 4107

110 STAT. 4093
NOV. 12, 1996

JUL-27-1999 13:43

SANTA FE FIELD SOLICITOR

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P.L. 104-333
Sec. 208

LAWS OF 104th CONG.—2nd SESS.

Nov. 12

and for other purposes" approved August 25, 1916 (39 Stat. 535; 16 U.S.C. 1, 2-4).

(c) AUTHORIZATION OF APPROPRIATIONS.—There are hereby authorized to be appropriated such sums as may be necessary to carry out this section.

SEC. 209. BUTTE COUNTY, CALIFORNIA LAND CONVEYANCE.

(a) PURPOSE.—It is the purpose of this section to authorize and direct the Secretary of Agriculture to convey, without consideration, certain lands in Butte County, California, to persons claiming to have been deprived of title to such lands.

(b) DEFINITIONS.—For the purpose of this section:

(1) The term "affected lands" means those Federal lands located in the Plumas National Forest in Butte County, California, in sections 11, 12, 13, and 14, township 21 north, range 5 East, Mount Diablo Meridian, as described by the dependent resurvey by the Bureau of Land Management conducted in 1992, and subsequent Forest Service land line location surveys, including all adjoining parcels where the property line as identified by the 1992 BLM dependent resurvey and National Forest boundary lines before such dependent resurvey are not coincident.

(2) The term "claimant" means an owner of real property in Butte County, California, whose real property adjoins Plumas National Forest lands described in paragraph (1), who claims to have been deprived by the United States of title to property as a result of previous erroneous surveys.

(3) The terms "Secretary" means the Secretary of Agriculture.

(c) CONVEYANCE OF LANDS.—Notwithstanding any other provision of law, the Secretary is authorized and directed to convey, without consideration, all right, title, and interest of the United States in and to affected lands as described in subsection (b)(1), to any claimant or claimants, upon proper application from such claimant or claimants, as provided in subsection (d).

(d) NOTIFICATION.—Not later than 2 years after the date of enactment of this Act, claimants shall notify the Secretary, through the Forest Supervisor of the Plumas National Forest, in writing of their claim to affected lands. Such claim shall be accompanied by—

(1) a description of the affected lands claimed;

(2) information relating to the claim of ownership of such lands; and

(3) such other information as the Secretary may require.

(e) ISSUANCE OF DEED.—(1) Upon a determination by the Secretary that issuance of a deed for affected lands is consistent with the purpose and requirements of this section, the Secretary shall issue a quit claim deed to such claimant for the parcel to be conveyed.

(2) Prior to the issuance of any such deed as provided in paragraph (1), the Secretary shall ensure that—

(A) the parcel or parcels to be conveyed have been surveyed in accordance with the Memorandum of Understanding between the Forest Service and the Bureau of Land Management, dated November 11, 1989;

(B) all new property lines established by such surveys have been monumented and marked; and

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110 STAT. 4108

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Federal Register / Vol. 63, No. 164 / Tuesday, August 25, 1998 / Notices

the proposed projects will be implemented. He will document the decision and reasons for the decision in the Record of Decision. That decision will be subject to Forest Service Appeal Regulations (36 CFR part 215).

Dated: August 17, 1998.

Monte Fujishin,
District Ranger.

[FR Doc. 98-22736 Filed 8-24-98; 8:45 am]

BILLING CODE 3410-11-M

DEPARTMENT OF AGRICULTURE

Forest Service

DEPARTMENT OF THE INTERIOR

National Park Service

USDA, Forest Service, USDI, National Park Service; Notice of Transfer of Administrative Jurisdiction, Coconino National Forest and Walnut Canyon National Monument

SUMMARY: The Forest Service previously had administrative jurisdiction over 1,279 acres, more or less, as depicted on the map entitled, "Boundary Proposal—Walnut Canyon National Monument," numbered 360/80,010, and dated September 1994. The National Park Service formerly had administrative jurisdiction on 54 acres, more or less, as shown on the same map. Notice is hereby given that, pursuant to the provisions of Section 208 of Pub. L. 104-333, 110 Stat. 4093, administrative jurisdiction on the 1,279 acres is now in the National Park Service, and administrative jurisdiction on the 54 acres is now in the Forest Service. Both transfers are subject to prior existing rights and applicable laws and regulations. The specific lands and/or interests, subject to this notice, include both the surface and minerals on 1,279 acres, more or less, and 54 acres, more or less.

SUPPLEMENTARY INFORMATION: The maps and other documents associated with this transfer of lands and minerals may be reviewed at the Intermountain Land Resources Program Center, 1220 South St. Francis Drive, Santa Fe, New Mexico 87504, and at Walnut Canyon National Monument Headquarters, 6400 North Highway 89, Flagstaff, Arizona 86004. The same materials are available at the USDA, Forest Service, Regional Office, 517 Gold Avenue, SW, Albuquerque, New Mexico 87102, and Coconino National Forest, 2323 Greenlaw Lane, Flagstaff, Arizona 86004.

Dated: May 5, 1998.

Eleanor Towns,
Regional Forester, USDA, Forest Service,
Region 3.

Dated: July 17, 1998.

John E. Cook,
Regional Director, Intermountain Region,
National Park Service.

[FR Doc. 98-22723 Filed 8-24-98; 8:45 am]

BILLING CODE 4310-70-P

DEPARTMENT OF COMMERCE

Submission for OMB Review; Comment Request

The Department of Commerce (DOC) has submitted to the Office of Management and Budget (OMB) for clearance the following proposal for collection of information under provisions of the Paperwork Reduction Act (44 U.S.C. Chapter 35).

Agency: Bureau of Export Administration (BXA).

Title: Approval of Triangular Involving Commodities Covered by a U.S. Import Certificate.

Agency Form Number: None.

OMB Approval Number: 0694-0009.

Type of Request: Extension of a currently approved collection of information.

Burden: 1 hour.

Average Time Per Response: 30 minutes per response.

Number of Respondents: 1.

Needs and Uses: The triangular symbol will be stamped on the certificate as notification to the government of the exporting country that the U.S. importer is uncertain whether the items will be imported into the U.S. or knows that the items will not be imported into the U.S., but that, in any case, the items will not be delivered to any other destination except in accordance with the EAR. This procedure was developed in an effort to increase the effectiveness of controls over international trade in strategic commodities, ensuring that they will not be delivered to any other destination except in accordance with export control regulations.

Affected Public: Individuals, businesses or other for-profit institutions.

Respondent's Obligation: Required to obtain or retain a benefit.

OMB Desk Officer: Victoria Baecher-Wassmer (202) 395-5871.

Copies of the above information collection proposal can be obtained by calling or writing Linda Engelmeier, DOC Forms Clearance Officer, (202) 482-3272, Department of Commerce,

Room 5327, 14th and Constitution Avenue, NW, Washington, DC 20230.

Written comments and recommendations for the proposed information collection should be sent within 30 days of publication of this notice to Victoria Baecher-Wassmer, OMB Desk Officer, Room 10202, New Executive Office Building, Washington, DC 20230.

Dated: August 18, 1998.

Linda Engelmeier,

Departmental Forms Clearance Officer, Office of the Chief Information Officer.

[FR Doc. 98-22726 Filed 8-24-98; 8:45 a.m.]

BILLING CODE 3510-33-P

DEPARTMENT OF COMMERCE

Submission for OMB Review; Comment Request

The Department of Commerce (DOC) has submitted to the Office of Management and Budget (OMB) for clearance the following proposal for collection of information under the provisions of the Paperwork Reduction Act (44 USC Chapter 35).

Agency: National Oceanic and Atmospheric Administration (NOAA).

Title: Northeast Region—Gear Identification Requirements.

Agency Form Number(s): None.

OMB Approval Number: None.

Type of Request: New collection.

Burden: 24,518 hours.

Number of Respondents: 3,253

(multiple requirements).

Avg. Hours Per Response: One minute

to mark gear.

Needs and Uses: This collection is under the authority of the Magnuson-Stevens Fishery Conservation and Management Act. The regulations specify that federal permit holders using specified fishing gear be marked with the vessels official identification number, Federal permit number, tag number, or some other specified form of identification. The regulations further specify how the gear is to be marked (e.g., location and visibility). This information is used for enforcement purposes and for the identification of gear concerning damage loss or civil proceedings.

Affected Public: Businesses or other for-profit organization, individuals.

Frequency: Recordkeeping.

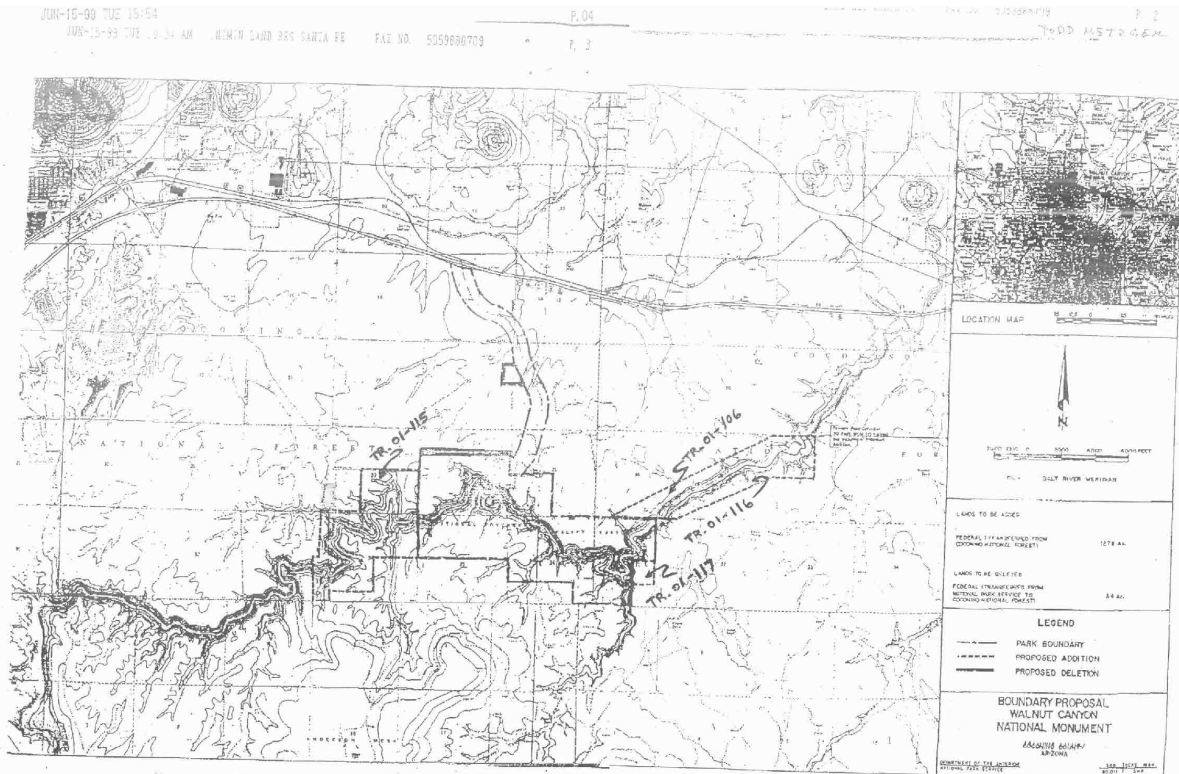
Respondent's Obligation: Mandatory.

OMB Desk Officer: David Rostker,

(202) 395-3897.

Copies of the above information collection proposal can be obtained by calling or writing Linda Engelmeier, DOC Forms Clearance Officer, (202) 482-3272, Department of Commerce,

WALNUT CANYON NM DEED NO. 6



PEFO
Well #2

STATEMENT OF CLAIMANT FORM FOR OTHER USES¹

For Departmental Use Only

File No. 39- 91438
 Date Filed: 11-29-85
 WFN _____

LITTLE COLORADO RIVER WATERSHED ADJUDICATION SUPERIOR COURT OF APACHE COUNTY

1. Claimant Name: United States of America, c/o National Park Service (Petrified Forest NP)
 Claimant Address: 450 Golden Gate Ave., P.O. Box 36063 City San Francisco
 State: California Zip Code 94102 Telephone (415) 556-8660
2. Basis of Claim:
 - A. ☐ Appropriation Right acquired prior to June 12, 1919. 1974 Water Rights Registration Act Registry No. _____
 - B. ☐ Appropriation Right acquired after June 12, 1919. Application No. _____, Permit No. _____, or Certificate of Water Right No. _____
 - C. ☐ Decreed water right. Principal litigants, court, date and case no.: _____
 - D. ☒ Right to withdraw groundwater.
 - E. ☐ Other, describe: _____
3. Claimed Priority Date: Dec. 31, 1958 (month/day/year)
4. Use:

A. ☒ Municipal	E. ☐ Recreation, Fish & Wildlife
B. ☐ Commercial or Industrial	F. ☐ Other, describe: _____
C. ☐ Mining	_____
D. ☐ Stockwatering other than from a stockpond	_____
5. Source of Water:
 - A. ☐ Stream: name _____, tributary to _____
 - B. ☐ Spring: name _____, tributary to _____
 - C. ☐ Lake or Reservoir: name _____, tributary to _____
 - D. ☒ Groundwater
6. Legal description of the Point of Diversion: (attach additional sheet if required)
SW 1/4, NW 1/4, SE 1/4, Section 9, Township 18 N, Range 24 E
7. If there are Irrigation, Domestic or Stockpond uses also supplied from the Point of Diversion, describe: _____
8. Means of Diversion:
 - A. ☐ Instream pump
 - B. ☐ Gravity flow into ditch, canal or pipeline.
 - C. ☒ Well: Arizona State Land Department, Arizona Water Commission or Arizona Department of Water Resources Intent to Drill File No. Registration #55-629091
 - D. ☐ Other, describe: _____

¹ See Instructions for explanation of uses in this category

9. Means of Conveyance:

A. ☒ Ditch, canal or pipeline. If the means of conveyance is owned and/or operated by some other entity, please give name and address: _____

B. ☐ Other, describe: _____

10. Place of Use, if other than point of diversion: (attach additional sheet if required)

County _____

Legal Subdivision	Section	Township	Range
_____	_____	_____N/S	_____E/W
_____	_____	_____N/S	_____E/W

11. Claimed Right:

A. Maximum Flow Rate: 100 ☐ cubic-feet per second
☒ gallons per minute

☐ Arizona miner's inches

B. Annual Volume of Water Use: _____ acre-feet

C. Storage Right: _____ acre-feet

12. Attach photographs, maps or sketches necessary to show the point of diversion, storage reservoir(s), place(s) of use and means of conveyance.

13. It may be necessary for a representative from the Department of Water Resources to inspect the diversion, conveyance and place of use. Your signature following will grant permission to enter your property for the purpose of inspection: Signature of Claimant Dave Cherry, Associate Regional Director
Western Regional Office, National Park Service

14. Should it be necessary for a representative of the Department to contact you as the claimant or your representative, are there any special instructions regarding time of day or address to aid in locating the specified person? (415) 556-1036

15. Attach Filing Fee to Form. Mail form(s) and fee(s) to: Department of Water Resources, P.O. Box 2920, Phoenix, AZ 85062.

16. Additional comments: _____

(attach additional sheet if required)

17. Notarized Statement:

I (We), John D. Cherry, on behalf of the National Park Service

the claimant(s) named in this claim, do hereby certify under penalty of perjury, that the information contained and statements made herein are to the best of my(our) knowledge and belief true, correct and complete.

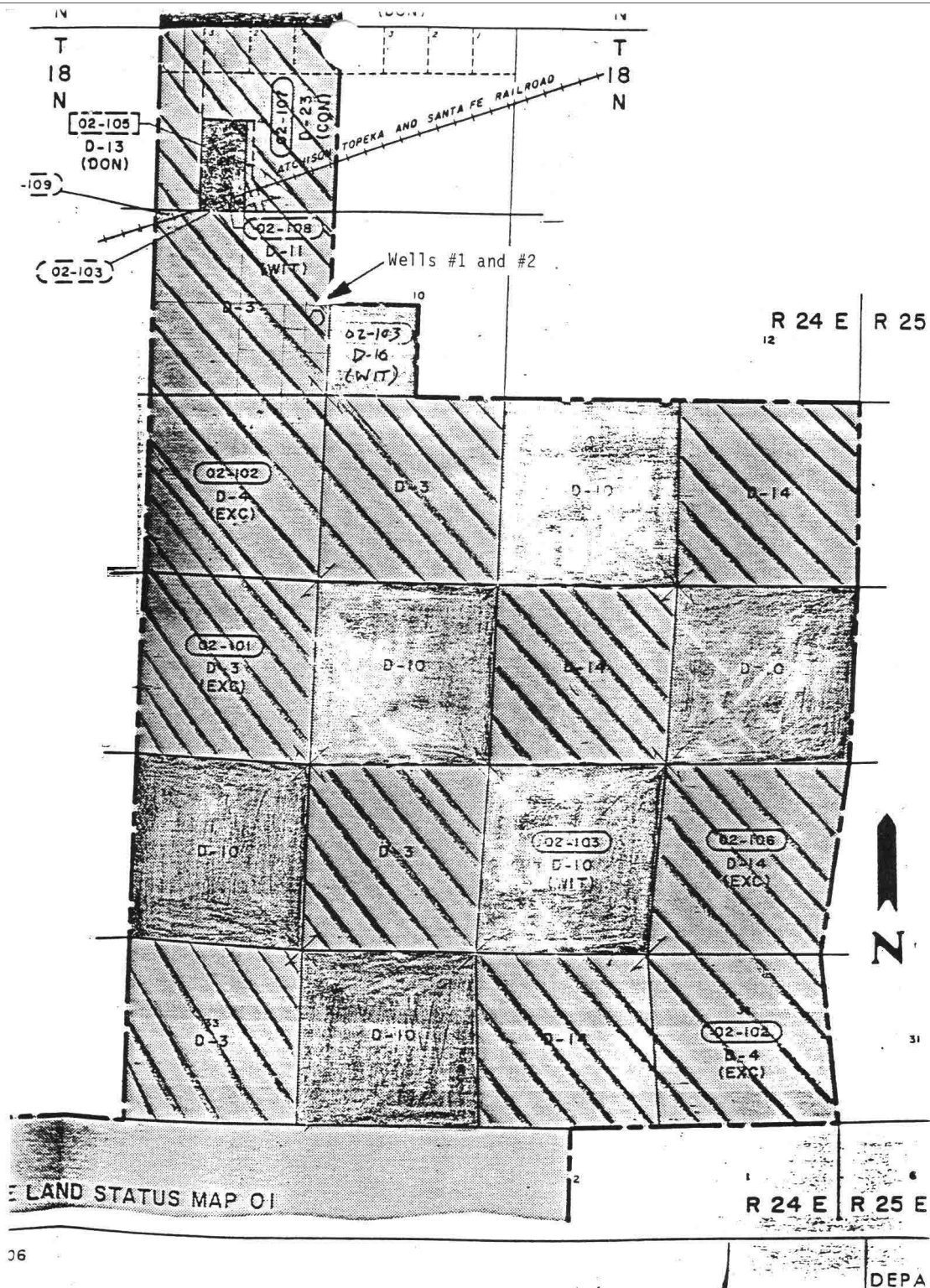
(seal)

See Notary Public acknowledgement attached.

My Commission Expires: _____

Notary Public

or, _____
 Authorized Personnel of the Department of Water Resources



DEPARTMENT OF WATER RESOURCES
99 EAST VIRGINIA AVENUE
PHOENIX, ARIZONA 85004

REGISTRATION OF EXISTING WELLS

READ INSTRUCTIONS ON BACK OF THIS FORM BEFORE COMPLETING
PRINT OR TYPE - FILE IN DUPLICATE

Declaration: The United States give notification to the State in the later of county, and does not concede that the State has power to regulate the rights of the United States to the use of water.

REGISTRATION FEE (CHECK ONE)	
EXEMPT WELL (NO CHARGE)	☐
NON-EXEMPT WELL - \$10.00	☒

FOR OFFICE USE ONLY	
REGISTRATION NO. 55-	629091
FILE NO.	
FILED	AT
(DATE)	(TIME)
INA	
AMA	

- Name of Registrant:
National Park Service, Western Region, Division of Water Resources
450 Golden Gate Avenue, Box 36063 San Francisco, CA 94102
(Address) (City) (State) (Zip)
- File and/or Control Number under previous groundwater law:
01-704 35
(File Number) (Control Number)
- The well is located within the NW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$, Section 9, of Township 18 N N/S, Range 24 E E/W, G & SRB & M, in the County of Apache.
 - If in a subdivision: Name of subdivision _____, Lot No. _____, Address _____.
- The principal use(s) of water (Examples: irrigation - stockwater - domestic - municipal - industrial)
Public supply, fire protection, domestic
- If for irrigation use, number of acres irrigated from well _____.
- Owner of land on which well is located. If same as Item 1, check this box ☒

(Address) (City) (State) (Zip)
- Well data (If data not available, write N/A)
 - Depth of Well 99 feet
 - Diameter of casing 13 inches
 - Depth of casing 103 feet
 - Type of casing concrete, perforated from 79 - 99 feet below land surface datum
 - Maximum pump capacity 100 gallons per minute.
 - Depth to water 13 feet below land surface.
 - Date well completed (Month) (Day) 1958 (Year)
- The place(s) of use of water. If same as Item 3, check this box ☐.

NW $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$, Section 1 Township 16 N Range 23 E
SW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$, Section 10 Township 19 N Range 24 E
Petrified Forest - Puerco Well #2

Attach additional sheet if necessary.
- DATE _____ SIGNATURE OF REGISTRANT _____

GERARD S. WATSON
CHIEF, DIVISION OF WATER RESOURCES

INSTRUCTIONS FOR COMPLETING REGISTRATION FORM

General Instructions

1. A person who owns an "Existing Well" shall register the well, pursuant to A.R.S. 45-593, by filing this form in duplicate with the Department of Water Resources not later than midnight June 14, 1982. The form must be completed and signed. Failure to do so will constitute a violation of A.R.S. 45-593, and may subject the well owner to injunction and/or civil penalties, pursuant to A.R.S. Title 45, Article 12.
2. An "Existing Well" means, (1) a well which was drilled on or before June 12, 1980 and which is not abandoned or sealed, or (2) a well which was not completed on or before June 12, 1980, but for which a Notice of Intention to Drill was on file with the Arizona Water Commission on or before June 12, 1980.
3. No registration fee is required for Exempt Wells. A \$10.00 registration fee must accompany registration forms for all Non-Exempt Wells.
4. An "Exempt Well" means a well having a pump with a maximum capacity of not more than 35 gallons per minute which is used to withdraw groundwater. An Exempt Well may include the non-commercial irrigation of not more than 1 acre of land.
5. A "Non-Exempt Well" means a well that is not an "Exempt Well".

INSTRUCTIONS FOR REGISTRATION QUESTIONS

1. The Registrant must be the owner of the well and may be an individual, public or private corporation, company, partnership, firm, association, society, estate, trust, any other private organization or enterprise, the United States, any state, territory or country or a governmental entity, political subdivision or municipal corporation organized under or subject to the constitution and laws of this State.
2. If you own an existing irrigation well drilled at any time, or any other type of well drilled on or after June 20, 1968, you should have an assigned control and/or file number. Write these numbers in item 2. If you do not know the number, please explain the reason on the form or on an attached sheet.
3.
 - a. Fill in the Section, Township and Range in all cases if it is available.
 - b. If the well is in a subdivision and you have this information, give the subdivision name, Lot Number, and Address.
4. Show all purposes for which the water is used.
5. If the well is used for irrigation, give the number of acres irrigated in 1980 from the well.
6. If the owner of the land is an individual, give the last name, first name, middle initial. If the owner of the land is a corporation, partnership, firm, etc., fill in the appropriate title.
7. Complete the section on Well Data with the most accurate information available to you. If the data is not available, write N/A in the blanks.
8. Give the legal description of the place of use of the water. If place of use is in a subdivision and legal description is not available, give the subdivision name, Lot Number and/or address on the blank line.
9. The person in whose name a well is registered shall notify the Department of any change in ownership and shall keep all information on the registration record current and accurate. A form entitled "Change of Well Information/Ownership" is available for this purpose. A blank form will be furnished with the returned duplicate copy of the registration form.



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

May 15, 2000

L54 (2380)
WUPA/Water Rights
PEFO/Water Rights
SUCR/Water Rights
WACA/Water Rights

Ms. Lisa M. Jannusch
Arizona Department of Water Resources
Adjudications Division
500 North 3rd Street
Phoenix, Arizona 85004

Re: Statement Of Claimant Form For Other Uses Amendment - File No.s 39-89220,
39-89222, 39-91444, 39-91445, 39-91446, and 39-91447.

Dear Lisa:

Attached you will find completed (signed and notarized) water rights claim forms for Wupatki National Monument, Petrified Forest National Park, Sunset Crater National Monument, and Walnut Canyon National Monument. The information you requested in your letter of December 3, 1999 has been provided on the attached forms.

Thanks again for your help with these claims. If we can do anything else please contact Jim Harte at (970) 225-3538.

Sincerely,

Charles W. Pettie
Chief, Water Rights Branch

Attachments (6)

ARIZONA DEPARTMENT OF WATER RESOURCES

500 North Third Street, Phoenix, Arizona 85004

Telephone (602) 417-2442

Fax (602) 417-2401



December, 3, 1999

Charles W. Pettee
National Parks Service
Water Resource Division
1201 Oak Ridge Dr., Ste250
Fort Collins, Co 80525-5596

RE: STATEMENT OF CLAIMANT NO. 39

Dear: Claimant,

The Department of Water Resources has received your request to assign/amend a Statement of Claimant filed in the adjudication proceedings. The information you have supplied is **insufficient** to complete your request. **Please provide the information noted in bold below** so that we may continue to process your assignment or amendment.

Please complete the enclosed form(s) and return with all supporting documentation.

We cannot determine what Statement of Claimant is being referenced in your request. Please identify the file reference number (39-) of the Statement of Claimant you are assigning or amending.

All signatures must be acknowledged by a Notary Public.

Proof of ownership must be submitted with the original assignment form:
Copy of a RECORDED DEED, TAX VALUATION NOTICE, OR A TAX BILL.

Other:

Sincerely,

Lisa M. Jannusch

Administrative Assistant III

(602) 417-2442 / Toll-Free in Arizona 1-800-352-8488



United States Department of the Interior

NATIONAL PARK SERVICE

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

October 13, 1999

IN REPLY REFER TO:

L54 (2380)
WUPA/Water Rights
PEFO/Water Rights
SUCR/Water Rights
WACA/Water Rights

Diane Hanna, Surface Water Rights
Arizona Department of Water Resources
Adjudications Division
500 North 3rd Street
Phoenix, Arizona 85004

Re: Statement Of Claim Of Right To Use Public Waters Of The State Of Arizona –
Registry No.s (to be assigned)
Statement Of Claimant Form For Other Uses Amendment – File No.s 39-89220,
39-89222, 39-91444, 39-91445, 39-91446, and 39-91447.

Dear Diane:

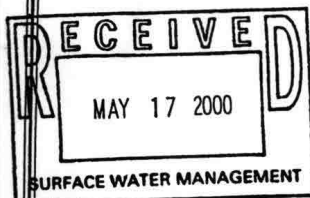
Attached you will find completed (signed and notarized) water rights claim forms for
Wupatki National Monument, Petrified Forest National Park, Sunset Crater National
Monument, and Walnut Canyon National Monument.

Thanks for your help with these claims. If we can do anything else please contact Jim
Harte at (970) 225-3538.

Sincerely,

Charles W. Pettee
Chief, Water Rights Branch

Enclosures (7)

STATEMENT OF CLAIMANT FORM
FOROTHER USES¹
AMENDMENT

SUPERIOR COURT OF APACHE COUNTY

File No. 39- 89222

Date Filed:

WFN:

1. Claimant Name: United States of America c/o National Park Service (Petrified Forest NP)Claimant Address: 1201 Oak Ridge Drive, Suite 250 City Fort Collins
State: Colorado Zip Code 80525 Telephone 970-225-3500

2. Basis of Claim:

- A. ☐ Appropriation Right acquired prior to June 12, 1919. 1974 Water Rights Registration Act Registry No. _____
- B. ☐ Appropriation Right acquired after June 12, 1919. Application No. _____, Permit No. _____, or Certificate of Water Right No. _____
- C. ☐ Decreed water right. Principal litigants, court, date and case no. _____
- D. ☐ Right to withdraw groundwater. Grandfathered Right No. _____
- E. ☒ Other, describe: (see File No. 39-89222)

3. Claimed Priority Date: ____/____/____ (month/day/year) (See File No. 39-89222)

4. Use:

- A. ☐ Municipal
- B. ☐ Commercial or Industrial
- C. ☐ Mining
- D. ☐ Stockwatering other than from a stockpond
- E. ☐ Recreation, Fish & Wildlife
- F. ☒ Other, describe: (see File No. 39-89222)

5. Source of Water: (see File No. 39-89222)

- A. ☐ Stream: name _____, tributary to _____
- B. ☐ Spring: name _____, tributary to _____
- C. ☐ Lake or Reservoir: name _____, tributary to _____
- D. ☐ Groundwater.

6. Legal description of the Point of Diversion: (attach additional sheet, if required) (See File No. 39-89222)

____ 1/4, ____ 1/4, ____ 1/4, Section _____, Township _____ N/S, Range _____ E/W

7. If there are Irrigation, Domestic or Stockpond Uses also supplied from the Point of Diversion, describe: _____

8. Means of Diversion:

- A. ☐ Instream pump.
- B. ☐ Gravity flow into a ditch, canal or pipeline.
- C. ☒ Well: Arizona Department of Water Resources Well Registration No. 55- (see Item 15)
- D. ☒ Other, describe: (see File No. 39-89222)

¹ See Instructions for explanation of uses in this category

STATEMENT OF CLAIMANT FORM
FOR

OTHER USES¹
AMENDMENT

SUPERIOR COURT OF APACHE COUNTY

File No. 39- 89222
Date Filed: _____
WFN: _____

1. Claimant Name: United States of America c/o National Park Service (Petrified Forest NP)
 Claimant Address: 1201 Oak Ridge Drive, Suite 250 City Fort Collins
 State: Colorado Zip Code 80525 Telephone 970-225-3500
2. Basis of Claim:
 - A. ☐ Appropriation Right acquired prior to June 12, 1919. 1974 Water Rights Registration Act Registry No. _____
 - B. ☐ Appropriation Right acquired after June 12, 1919. Application No. _____
 Permit No. _____, or Certificate of Water Right No. _____
 - C. ☐ Decreed water right. Principal litigants, court, date and case no. _____
 - D. ☐ Right to withdraw groundwater. Grandfathered Right No. _____
 - E. ☒ Other, describe: (see File No. 39-89222)
3. Claimed Priority Date: ____/____/____ (month/day/year) (See File No. 39-89222)
4. Use:

A. ☐ Municipal	E. ☐ Recreation, Fish & Wildlife
B. ☐ Commercial or Industrial	F. ☒ Other, describe:
C. ☐ Mining	<u>(see File No. 39-89222)</u>
D. ☐ Stockwatering other than from a stockpond	_____
5. Source of Water: (see File No. 39-89222)
 - A. ☐ Stream: name _____, tributary to _____
 - B. ☐ Spring: name _____, tributary to _____
 - C. ☐ Lake or Reservoir: name _____, tributary to _____
 - D. ☐ Groundwater.
6. Legal description of the Point of Diversion: (attach additional sheet, if required) (See File No. 39-89222)
 _____ 1/4, _____ 1/4, _____ 1/4, Section _____, Township _____ N/S, Range _____ E/W
7. If there are Irrigation, Domestic or Stockpond Uses also supplied from the Point of Diversion, describe: _____
8. Means of Diversion:
 - A. ☐ Instream pump.
 - B. ☐ Gravity flow into a ditch, canal or pipeline.
 - C. ☒ Well: Arizona Department of Water Resources Well Registration No. 55- (see Item 15)
 - D. ☒ Other, describe: (see File No. 39-89222)

¹ See Instructions for explanation of uses in this category

9. Means of Conveyance:

A. ☐ Ditch, canal or pipeline. If the means of conveyance is owned and/or operated by some other entity, please give name and address: _____

B. ☒ Other, describe: (See File No. 39-89222) _____

10. Place of Use, if other than point of diversion: (attach additional sheet if required) Petrified Forest National Park

County Apache & Navajo

Legal Subdivision _____

Section _____

Township _____

Range _____

N/S

E/W

N/S

E/W

11. Claimed Right: (see File No. 39-89222) ☐ cubic-feet per second

A. Maximum Flow Rate: _____ ☐ gallons per minute

B. Annual Volume of Water Use: 172 ☐ Arizona miner's inches

C. Storage Right: _____ acre-feet per annum

acre-feet

12. Attach photographs, maps or sketches necessary to show the point of diversion, storage reservoir(s) place(s) of use and means of conveyance.

13. It may be necessary for a representative from the Department of Water Resources to inspect the diversion, conveyance and place of use. Your signature following will grant permission to enter your property for the purpose of inspection: Signature of Claimant Charles W. Pettee
(Chuck Pettee, Branch Chief, Water Resources Branch, National Park Service)

14. Should it be necessary for a representative of the Department to contact you as the claimant or your representative, are there any special instructions regarding time of day or address to aid in locating the specified person? Additional contacts include: William Hansen (970) 225-3532 and
Jim Harte (970) 225-3538

15. Additional comments: Amends Item II-B-4-C (page 9), to attachment to claim No. 39-89222,
regarding Petrified Forest National Park. Amends quantifiable, present and future
administrative consumptive uses from 10 acre-feet per annum to 172 acre-feet per annum.
8.c.(continued) well registration No. 55-629113, 629091, 506605, 506603

(attach additional sheet if required)

16. Mail form(s) to: Department of Water Resources, Adjudications Division, 15 South 15th Avenue, Phoenix, Arizona 85007.

ARIZONA DEPARTMENT OF WATER RESOURCES
ADJUDICATIONS DIVISION
500 NORTH 3RD STREET
PHOENIX, ARIZONA 85004

17. Notarized Statement:

I (We), Charles W. Pettee for K. NPS

the claimant(s) named in this claim, do hereby certify under penalty of perjury, that the information contained and statements made herein are to the best of my (our) knowledge and belief true, correct and complete.

Charles W. Pettee

(seal)

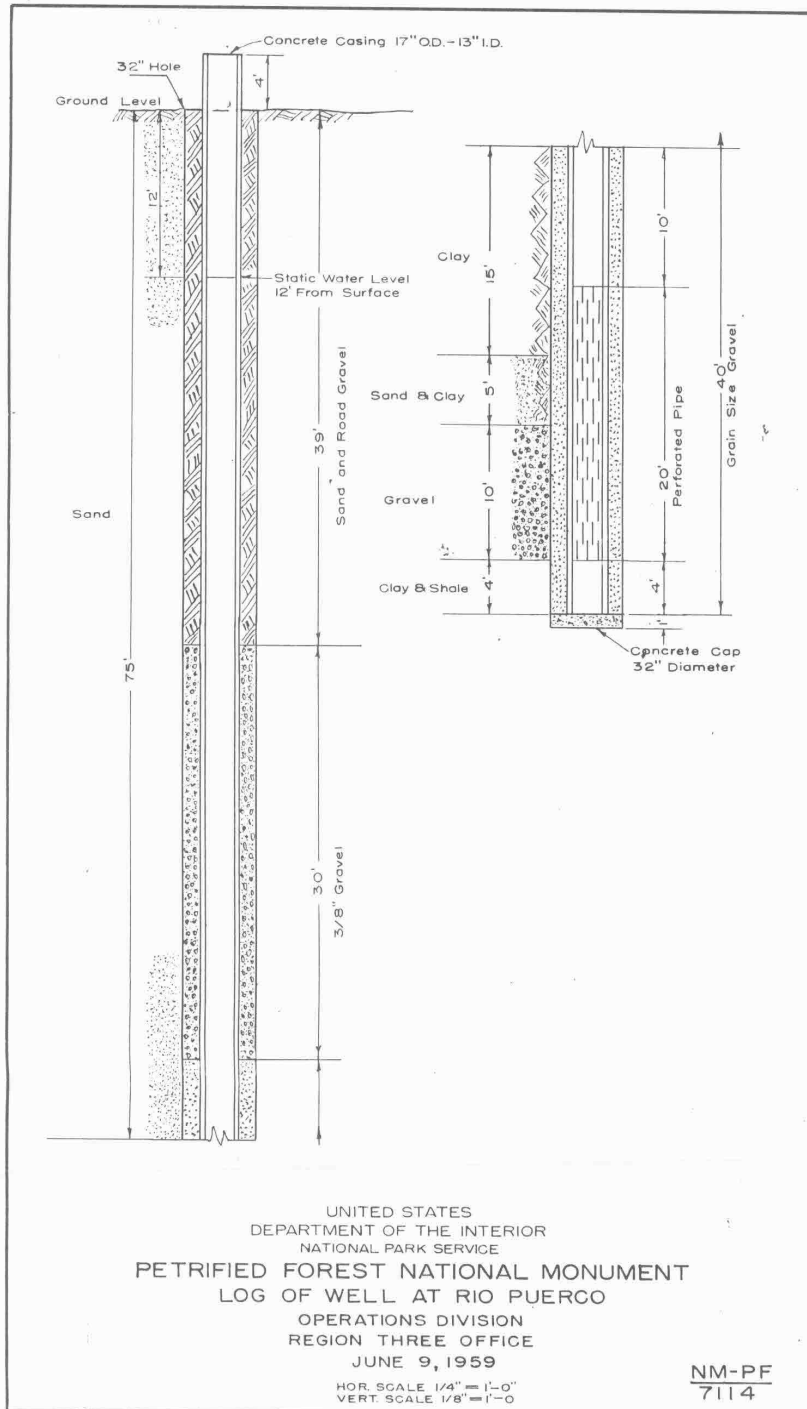
My Commission Expires
Flora B. Romero, Notary Public
State of Colorado
My Commission Expires 7/30/2002

Flora B. Romero
Notary Public

or,

Authorized Personnel of the Department of Water Resources

Supporting Hydro Data



4-2-59
P.F. W. 1 of 1

WELL PUMP DATA CHART

NAME OF SUPPLY LOCATION	MAKE	SERIAL NO.	TYPE	PUMP UNIT		HEAD FEET	DIA - INCHES		PUMP DATA	
				DESIGN	ACTUAL		INTAKE	OUTLET	HP	OPERATING RPM
1- AGATE BRIDGE NE 1/4 NE 1/4 SEC 9 T19N R34E	MEYER	95157 (F10 913)	Piston	17	7	110	2"	2"	3	350
2- PUERTO SE 1/4 SEC 9 T19N R34E	GOULD	6154556 (F10 813)	Piston	17.3	13	300	1 1/2"	1 1/2"	10	450
3- ZUNI NE 1/4 SEC 5 T19N R34E	GOULD	634927 (F10 813)	Piston	17.3	6.5	532	1 1/2"	1 1/2"	15	450
* NEPTASGARD F USED INTER CHANGE ABOVE AT ZUNI PUERTO	GOULD	626979 (F10 813)	Piston	17.3	-	-	1 1/2"	1 1/2"		

Estimation of Future Water Use for Petrified Forest National Park

Prepared by J. Harte
Reviewed by R. Thomasson
and Flagstaff Area Office Staff
Approved by W. Hansen
February 10, 2000

Introduction

The objective of this report is to estimate the quantity of water needed for future consumptive use purposes at Petrified Forest National Park (PEFO). Future water use is projected through the year 2050, a 50 year planning period. This report is prepared in support of federal water rights claims to be filed in the Little Colorado River Adjudication in the State of Arizona.

In 1985 Owen R. Williams, Hydrologist, NPS Water Rights Branch, estimated future consumptive use to be 70 acre-feet per year. Measured water use data are now available allowing for a reexamination of the previous estimate and a new estimate of water needs in the year 2050.

PEFO has purchased its water from the Navajo Tribal Utility Authority (NTUA) since 1996. Water flows by gravity from a storage tank, through an 8-inch pipeline, to park headquarters. The system is capable of delivering almost 200,000 gallons per day. PEFO maintains Puerco Well Number 2 as a backup water supply (07/11/97 email from Patrick Fleming, National Park Service Regional Office, Denver Colorado).

Methods and Results

Average annual water use at PEFO was determined by computing the average of the 1998 and 1999 metered water use. Water use data are available for 1994-1997, however, they were not used in computations of average annual water use because all water use was not accounted for and PEFO switched from water wells to the NTUA water system in 1996 (Chad Thomas, PEFO Maintenance, 02/09/00). Administrative and visitor uses are not distinguished and consumptive use is assumed to be the same as the actual metered use for this report.

The following table shows the metered 1998-1999 annual water use and computed average annual water use for PEFO (metered water use data provided by Chad Thomas, PEFO Maintenance, 01/19/00).

Date	Metered Water Use (gallons)	Metered Water Use (acre-feet)
1998	4,954,230	15.2
1999	4,861,730	14.9
Average Water Use	4,907,980	15.0

In order to make a conservative estimate of future water needs at PEFO, the National Park Service-wide average annual visitation growth rate for the period from 1948-1995 is applied to the estimate of current annual water use. Appendix A describes the computation of this rate as well as the rationale for its selection as an appropriate rate. Applying the average annual growth rate of 5 percent per year to the current water use of 15 acre-feet per year for fifty years, yields a projected water need in the year 2050 of approximately 172 acre-feet per year.

Recommendation

It is recommended that the future consumptive use claim for Petrified Forest National Park, filed in the Little Colorado River Adjudication, be amended to 172 acre-feet per year.

APPENDIX A**Determination of a Regional Growth Rate for Projecting Future Water Needs
at Little Colorado River Basin National Park Units**

Because park water use is partially a function of park visitation, historic visitation data was examined to determine a reasonable growth rate for estimating future water needs. Unfortunately methods of counting Park visitors have not been consistent over time, making estimates of growth rates at individual parks difficult. For this reason, an attempt was made to derive a regional growth rate that incorporates data from a number of National Park units.

Average annual growth rates for the period 1948 through 1995 were computed for each of the four National Park units within the Little Colorado River basin, as well as total National Park unit visitation. Historical data for total nationwide park visitation is shown in Appendix A, along with the computed average annual growth rate. Growth rates for the four Little Colorado River basin parks were similarly computed. The results of these computations are shown in Table 1 below. Average annual growth rates range from 2.9 percent per year at Petrified Forest National Park to 10.2 percent per year at Wupatki National Monument, with the nationwide average of 5.0 percent per year being the median.

Adopting the nationwide average annual growth rate of 5.0 percent as the regional growth rate is reasonable. It is the median value of the calculated growth rates and it incorporates the most visitation data, potentially mitigating the effects of inconsistent visitor counting methods.

	Nationwide	Petrified Forest NP	Walnut Canyon NM	Wupatki NM	Sunset Crater NM
Growth Rate (percent/year)	5.0	2.9	4.7	10.2	8.0

Table 1. Average annual growth rates for all four National Park units within the Little Colorado River Basin and the nationwide average.

Table 2. Number of visitors and interannual growth rates for all National Park Service units.

Year	Visitors	Growth Rate	Year	Visitors	Growth Rate
1904	122,594		1953	52,268,174	0.10
1905	142,859	0.17	1954	54,210,200	0.04
1906	32,475	-0.77	1955	56,572,800	0.04
1907	63,242	0.95	1956	61,602,300	0.09
1908	70,926	0.12	1957	68,016,000	0.10
1909	87,998	0.24	1958	65,460,900	-0.04
1910	200,516	1.28	1959	68,900,500	0.05
1911	224,407	0.12	1960	79,229,000	0.15
1912	229,534	0.02	1961	86,665,161	0.09
1913	252,153	0.10	1962	97,046,762	0.12
1914	240,193	-0.05	1963	102,712,763	0.06
1915	335,299	0.40	1964	111,387,664	0.08
1916	358,006	0.07	1965	121,313,965	0.09
1917	490,705	0.37	1966	133,083,066	0.10
1918	454,841	-0.07	1967	139,677,567	0.05
1919	811,516	0.78	1968	150,837,568	0.08
1920	1,058,455	0.30	1969	163,991,969	0.09
1921	1,173,718	0.11	1970	172,006,570	0.05
1922	1,218,419	0.04	1971	153,693,200	-0.11
1923	1,495,635	0.23	1972	165,653,324	0.08
1924	1,672,832	0.12	1973	168,922,900	0.02
1925	2,056,487	0.23	1974	171,054,800	0.01
1926	2,316,921	0.13	1975	190,390,600	0.11
1927	2,799,767	0.21	1976	216,554,800	0.14
1928	3,026,472	0.08	1977	210,569,700	-0.03
1929	3,250,192	0.07	1978	222,184,042	0.06
1930	3,248,586	0.00	1979	205,369,808	-0.08
1931	3,544,938	0.09	1980	220,463,199	0.07
1932	3,754,596	0.06	1981	238,592,669	0.08
1933	3,481,590	-0.07	1982	244,924,579	0.03
1934	6,337,206	0.82	1983	243,616,747	-0.01
1935	7,676,490	0.21	1984	248,785,509	0.02
1936	11,989,793	0.56	1985	263,441,808	0.06
1937	15,133,432	0.26	1986	281,094,850	0.07
1938	16,331,467	0.08	1987	287,244,998	0.02
1939	15,530,636	-0.05	1988	282,451,441	-0.02
1940	16,755,251	0.08	1989	269,399,837	-0.05
1941	21,236,947	0.27	1990	258,682,828	-0.04
1942	9,370,969	-0.56	1991	267,840,999	0.04
1943	6,828,420	-0.27	1992	274,694,549	0.03
1944	8,339,775	0.22	1993	273,120,925	-0.01
1945	11,713,852	0.40	1994	268,636,169	-0.02
1946	21,752,315	0.86	1995	269,564,307	0.00
1947	25,534,188	0.17	1996	265,796,163	-0.01
1948	29,858,828	0.17	1997	275,236,335	0.04
1949	31,736,402	0.06	1998	286,739,115	0.04
1950	33,252,589	0.05			
1951	37,106,440	0.12			
1952	47,379,438	0.28			
			Average annual growth rate:		
			1948-1998		
			0.05		

Table 2. Number of visitors and interannual growth rates for all National Park Service units.

Year	Visitors	Growth Rate	Year	Visitors	Growth Rate
1904	122,594		1953	52,268,174	0.10
1905	142,859	0.17	1954	54,210,200	0.04
1906	32,475	-0.77	1955	56,572,800	0.04
1907	63,242	0.95	1956	61,602,300	0.09
1908	70,926	0.12	1957	68,016,000	0.10
1909	87,998	0.24	1958	65,460,900	-0.04
1910	200,516	1.28	1959	68,900,500	0.05
1911	224,407	0.12	1960	79,229,000	0.15
1912	229,534	0.02	1961	86,665,161	0.09
1913	252,153	0.10	1962	97,046,762	0.12
1914	240,193	-0.05	1963	102,712,763	0.06
1915	335,299	0.40	1964	111,387,664	0.08
1916	358,006	0.07	1965	121,313,965	0.09
1917	490,705	0.37	1966	133,083,066	0.10
1918	454,841	-0.07	1967	139,677,567	0.05
1919	811,516	0.78	1968	150,837,568	0.08
1920	1,058,455	0.30	1969	163,991,969	0.09
1921	1,173,718	0.11	1970	172,006,570	0.05
1922	1,218,419	0.04	1971	153,693,200	-0.11
1923	1,495,635	0.23	1972	165,653,324	0.08
1924	1,672,832	0.12	1973	168,922,900	0.02
1925	2,056,487	0.23	1974	171,054,800	0.01
1926	2,316,921	0.13	1975	190,390,600	0.11
1927	2,799,767	0.21	1976	216,554,800	0.14
1928	3,026,472	0.08	1977	210,569,700	-0.03
1929	3,250,192	0.07	1978	222,184,042	0.06
1930	3,248,586	0.00	1979	205,369,808	-0.08
1931	3,544,938	0.09	1980	220,463,199	0.07
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1935	7,676,490	0.21	1984	248,785,509	0.02
1936	11,989,793	0.56	1985	263,441,808	0.06
1937	15,133,432	0.26	1986	281,094,850	0.07
1938	16,331,467	0.08	1987	287,244,998	0.02
1939	15,530,636	-0.05	1988	282,451,441	-0.02
1940	16,755,251	0.08	1989	269,399,837	-0.05
1941	21,236,947	0.27	1990	258,682,828	-0.04
1942	9,370,969	-0.56	1991	267,840,999	0.04
1943	6,828,420	-0.27	1992	274,694,549	0.03
1944	8,339,775	0.22	1993	273,120,925	-0.01
1945	11,713,852	0.40	1994	268,636,169	-0.02
1946	21,752,315	0.86	1995	269,564,307	0.00
1947	25,534,188	0.17	1996	265,796,163	-0.01
1948	29,858,828	0.17	1997	275,236,335	0.04
1949	31,736,402	0.06	1998	286,739,115	0.04
1950	33,252,589	0.05			
1951	37,106,440	0.12			
1952	47,379,438	0.28			
			Average annual growth rate:		
			1948-1998		
			0.048		

NOTE TO THE FILE:

On 02/14/00 a final DRAFT of the report, "Estimation of Future Water Use for Petrified Forest National Park" was FAXed to Park Superintendent Micki Hellickson, for her comments. On 02/14/00 Micki called WRD to discuss her comments to the report. Initially, Micki thought the quantity of 172 acre-feet per year was high, considering past use (Micki said park records show use of 11.5 million to 13.2 million gallons per year during the period 1986-1988; low flow toilets had been installed and irrigation had been reduced since then). However, after considering the park's responsibility to manage the park in perpetuity Micki agreed with the estimate of 172 acre-feet per year, as shown in the report.

Jim Harte
Hydrologist
WRD,WRB

Well #2

SW 1/4, NW 1/4, SE 1/4

A 180 240 09 ABB (WR 629091) FILE TYPE: REGISTRATION WELL TYPE: NON-EXEMPT
 T18N, R24E, Sec 9 DATE ISSUED: 06 09 982 PLANNED PUMP CAP:

NAME: NATL PARK SVC

IN CARE OF: D W R

BOX 36063

SAN FRANCISCO CA 94102

ACCURACY: NOT VERIFIED

WATER USES: MUNICIPAL

AREA: OUTSIDE

SUB-BASIN:

WATERSHED: LITTLE COLORADO RIVER

WELL USES: WATER PRODUCTION

COUNTY: APACHE

OWNER: FEDERAL

DRILLER:

WELL DPTH: 99 FT CASE DIAM: 13 IN

CASE DPTH: 103 FT METH DET:

PUMP CAP: 100 GPM FINISH: STEEL

ACRES IRR:

YIELD: 100 GPM

DRAW DOWN: WATER LVL: 13 FT

LIFT:

POWER:

DATE COMPLETED: 00 00 958

POU #1: NW SE NW 01 160 N 230 E

POU #2: SW NW NE 10 190 N 240 E

STATUS: DATA OWN LOG R CRT R PQ NBR:

IPQ STATUS:

ENTER - READ NEXT RECORD

CLEAR TO RETURN TO SELECTION CRITERIA



UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Petrified Forest National Monument
Holbrook, Arizona

December 4, 1959

IN REPLY REFER TO:
L-54

C
O
P
Y

Memorandum

To: Regional Director, Region Three
From: Acting Superintendent, Petrified Forest
Subject: Puerco Well No. 2, Petrified Forest National Monument

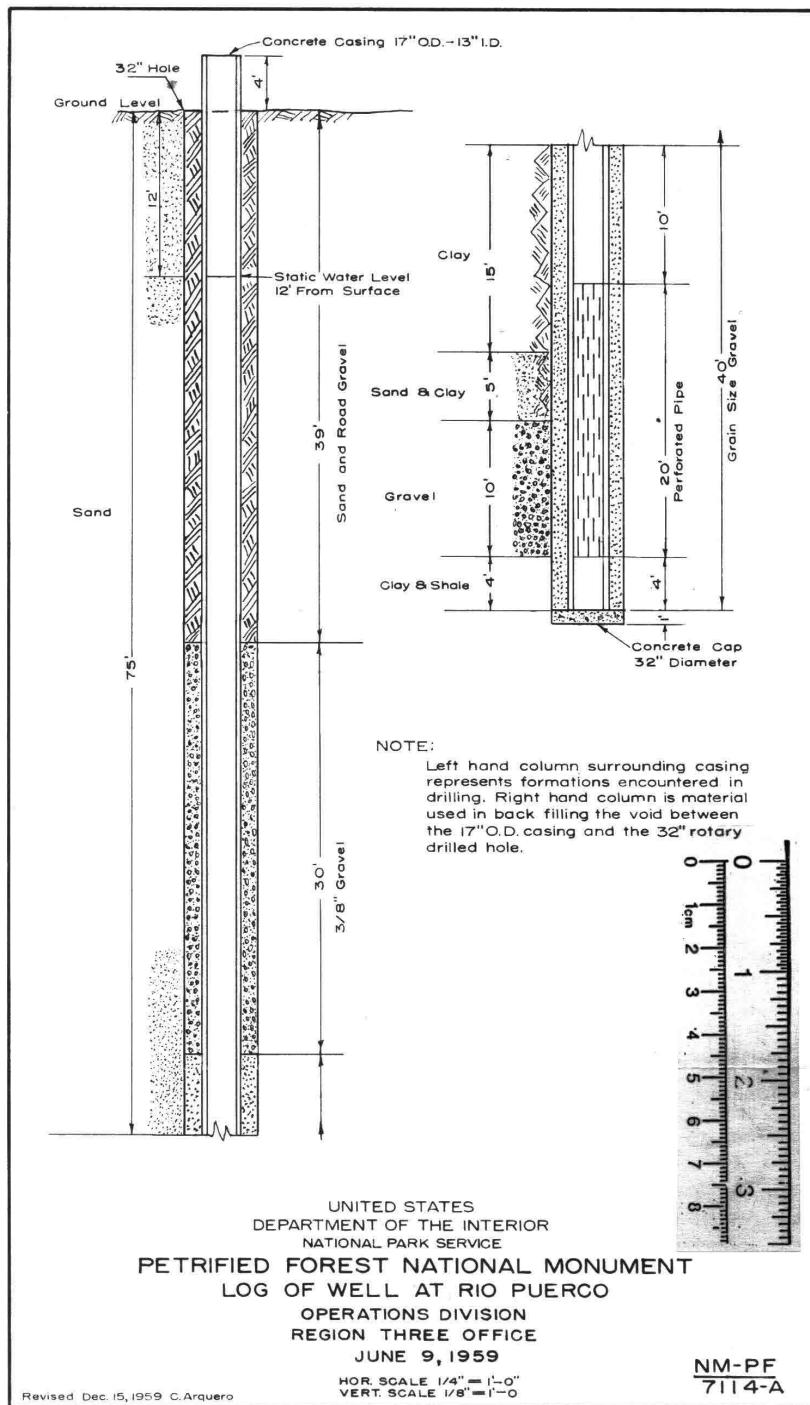
This is to inform you that we were able to contact Mr. J. P. Akers of the U. S. Geological Survey, Ground Water Branch, by telephone this morning and he informed us that the source of water in Puerco Well No. 2 is a sub-surface flow of the Rio Puerco and not a lower or distinct ground water source.

/s/ Claude W. McClain
Acting Superintendent

C O P Y

C O P Y

W. H.



Other Supporting Information



L-54

WRG

1959 DEC 15 AM 8:50
Region Three
Santa Fe, New Mexico

DEC 15 1959

Memorandum

To: Director

From: Acting Regional Director

Subject: Well Log "Puerco Well No. 6" Proposed to be
Designated as "Puerco Well No. 2," Petrified
Forest National Monument

Mr. Dunn's memorandum of December 7 refers to the log of Well No. 2 as shown on Drawing 7115. We believe this is a typographical error and should have been NM-PF-7114 prepared June 9, 1959.

Mr. Dunn is correct in assuming that the soil classifications on the left are those through which the well is drilled and those on the right are packing around the pre-cast concrete casing.

In drilling the well a rotary method was used and a 30-inch hole was drilled. Inside this hole the driller set a 17-inch O. D., 13-inch I. D. concrete pipe. As shown on the drawing, 20 feet of casing near the bottom of the well is perforated.

Since there was a considerable amount of space between the exterior diameter of the 17-inch casing and the 32-inch hole, this space was backfilled from the bottom with 40 feet of grain-sized gravel, 30 feet of 3/8 inch gravel and 39 feet of sand and road gravel in accordance with the notations on the right hand side of the log. This fill was recommended by a U. S. Geological Survey representative who gave Superintendent Fagergren advice during the drilling.

In answer to the last paragraph of Mr. Dunn's memorandum of December 7, we have attached a copy of Acting Superintendent McClain's memorandum to the Regional Director

of December 4. Mr. J. P. Akers of the U. S. Geological Survey, Ground Water Branch (stationed in that vicinity) informed Mr. McClain by telephone that the source of water in Puerco Well No. 2 is a subsurface flow of the Rio Puerco and not a lower or distinct ground water source.

We have also attached revised prints of NM-PF-7114-A and are requesting the Superintendent, WOBC and your office to substitute these prints for those previously supplied.

(SIGNED)

Jerome C. Miller
Acting Regional Director

In duplicate ✓

Attachments

Copy to: Superintendent, Petrified Forest w/attachment
Chief, WOBC (2) w/attachments

L54-GEL

January 5, 1960

Memorandum

To: Regional Director, Region Three
From: Chief, Water Resources Section
Subject: Well Log "Puerco Well No. 6" Proposed to be Designated as "Puerco Well No. 2", Petrified Forest National Monument

The revised Drawing 7114-A and Mr. McClain's memorandum of December 4, 1959, which were forwarded on December 15, 1959, should be filed in Docket 1, in place of Drawing 7114. Each office should also make dividers to read "Well No. 1" and "Well No. 2" respectively, filing the former between the last Order granting extension of time to 1966, and the tabular record of the chemical analyses by the Geological Survey. The divider for "Well No. 2" should be filed above Mr. Clain's memorandum.

The fact that the Well No. 2 has become necessary suggests that Well No. 1 may be fully used, either to the extent of 30,000 gallons per day or to the extent of a lesser yield. Mr. Fagergren or Mr. Fields should analyze the water use at peak of the tourist season last summer to determine whether proof for final certificate for the use of Well No. 1 should be submitted. This might have a bearing on whether the certificate should be obtained before or after amending the right to permit withdrawal from either Well No. 1 or Well No. 2. An application should also be prepared and filed to cover all water which can be withdrawn from Wells Nos. 1 and 2 less 30,000 gallons per day, as the supplemental supply to be diverted from Well No. 2.

The amendment of Application A-3095, Permit A-2147, to permit the withdrawal of the 30,000 gpd from either Well No. 1 and 2, should be a separate step in the establishment and perfection of rights. However, you will note that the application for the supplemental supply from Well No. 2 will be prepared somewhat differently if filed before or after the existing right is amended.

SIGNED
A. Van V. Dunn
Chief, Water Resources Section

Copy to: Superintendent, Petrified Forest
Chief, WOEC (2)

Copy to: Mr. P. Miller
Mr. Dunn

AvVDunn:lct

WR
WJ
154-CBL

December 11, 1959

Memorandum

To: Regional Director, Region Three
From: Chief, Water Resources Section
Subject: Rio Puerco Well No. 2, Petrified Forest

Mr. Miller's memorandum of December 1 has arrived subsequent to my memorandum of December 7 and after I discussed this well with Mr. Fagergren on December 7.

Mr. Fagergren advises that the water in Wells No. 1 and 2 are both at the same nominal elevation although the other reports indicate that the water in Well No. 2 is under pressure from locally overlying clay. I think we may assume that all the water is sub-surface flow of the Rio Puerco and Well No. 2 happens to be through a suspended, submerged island of clay.

A geologist's confirmation might strengthen our position. However, I believe we are justified in amending Application A-3095 to claim the two points of diversion, and to withdraw all, or any part of the authorized 30,000 gpd from either well. To the extent of need, well capacities, and pump installations, we should also file an application for the appropriation of the desired supplemental supply in excess of 30,000 gpd.

SIGNED

A. van V. Dunn
Chief, Water Resources Section

Copy to: Superintendent, Petrified Forest
Chief, WOEC (2)
Mr. Dunn

AvVDunn:lct

WL copy
2
15

L54-OBL

December 7, 1959

Memorandum

To: Regional Director, Region Three

From: Chief, Water Resources Section

Subject: Well Log "Puerco Well No. 6" Proposed to be Designated as
"Puerco Well No. 2", Petrified Forest National Monument

The log of Well No. 2 shown on Drawing 7115, which was forwarded with Mr. Williams' memorandum of November 27, is somewhat hard to follow. I gather that the soil classifications on the left are those through which the well was drilled, and those on the right are packing around the precast concrete casing. All perforations are below the clay between the depths of 75 and 90 feet. The well is 109 feet deep, and the original well is reported in Application A-3095 to be only 50 feet deep, in the sand above that clay.

In his memorandum of July 27, Mr. Fagergren asked whether the two wells could be considered as from the same source, such that the priority of Well No. 1 could attach to Well No. 2. The first question would be whether the water under the clay is part of the same sub-surface flow of the Rio Puerco as that in the sand above. This may be more evident if the water level (12 feet below ground in Well No. 2) is the same as that in Well No. 1 except for normal gradient of flow between the two wells.

If the water source for both wells can be determined to be the same, or if some of the water in Well No. 2 is obtained from the top 75 feet of sand through unrecorded perforations, the original priority can be made interchangeably applicable to both wells. Otherwise, Well No. 1 intercepts sub-surface Rio Puerco flow, and Well No. 2 seems to intercept an artesian flow below, and should probably constitute a new appropriation which may not even need to be recorded with the State. This matter needs further consideration.

SIGNED

A. van V. Dunn
Chief, Water Resources Section

Copy to: Superintendent, Petrified Forest
Chief, WODC (2)
Mr. P. Miller
Mr. Dunn

AvVDunn:lct

Region Three
Santa Fe, New Mexico

DEC 1 - 1959

cc R.C. /
L-54

Memorandum

To: Superintendent, Petrified Forest
From: Regional Chief of Operations
Subject: Puerco Well No. 2, Petrified Forest National Monument

In the compilation of all associated material in connection with the completion of the docket for the above-mentioned well, we find that we cannot make a firm decision whether a new application should be made or if we can amend Application A-3095 according to Mr. Dunn's memorandum of July 28, 1959. Whether we file a new application or amend the old one depends on whether the source is a subsurface flow of the Rio Puerco or a lower and distinct ground water source.

If the representatives from the U. S. Geological Survey made a decision or made any studies and recommendations, we would appreciate if you would send us this information by return mail.

(SIGNED)

Jerome C. Miller
Regional Chief of Operations

Copy to: Director (2)
Chief, WODC (2)

L-54 *WJL*

Region Three
Santa Fe, New Mexico

NOV 27 1959

Memorandum

To: Director

From: Acting Regional Director

Subject: Well Log, "Puerco Well No. 6" Proposed to be Designated as "Puerco Well No. 2," Petrified Forest National Monument

We concur that Docket 1 should be designated "Rio Puerco Water System" in place of "Headquarters Water System" and in the revision of Docket 1 we will make this change. The docket will have dividers for the various parts so that the well records will all be in a single docket.

Mr. Dunn also mentioned in his memorandum of July 28 that we did not send a copy of the well log which had been sent to the Superintendent. Attached is a copy of NM-PF-7114 which is the well log drawn by us from information received from Superintendent Fagergren.

We intend to write Superintendent Fagergren and find out if the U. S. Geological Survey made a firm decision whether this water is subsurface flow of the Rio Puerco or a lower and distinct ground water source.

SIGNED

Thomas J. Williams
Acting Regional Director

In duplicate */*

Attachment

Copy to: Supt., Petrified Forest w/attachment
Chief, WODC (2) w/attachment



UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Petrified Forest National Monument
Holbrook, Arizona

July 27, 1959

Memorandum

To: Regional Director, Region Three
From: Superintendent
Subject: Puerco Well No. 2

IN REPLY REFER TO:
L54 Pefo

MPS D. 11		DATE
JUL 29 1959		
REG. DIR.		
ASST. R.D.		
ADMIN.		
OPERATIONS	as	7/29
INTERP.		
RECREATION		
FORESTRY		
SOILS		
PLANT		

WBA 11/25

We have Mr. Kell's memorandum of July 16, copy of Mr. Bill's memorandum of the same date and Mr. Dunn's memorandum of July 10 on the above subject.

Adoption of the name "Puerco Well No. 2" will not interfere with any Geological Survey records. They have copies of the logs of the experimental test holes but they were our designations.

We have a WODC crew in the area and will have them locate the No.2 Well and all the test holes. When they furnish us with a plat of their locations we will forward you copies along with the logs.

If wells can be considered as springs are in some places and one filing can cover an area larger than the immediate well or spring it would seem that we should amend Application A-3095 to show Well No.2 as a supplemental well to preserve the priority should we ever need it. If however, you can not file as you do on springs it appears that we would have to make a new application for the new well. If we do this we believe we should retain the old application too since there will be times we are sure when we will use the old well.

Fred C. Fagergren

Fred C. Fagergren
Superintendent

WR COPY 2
LS4-ORL *WV*

July 28, 1959

Memorandum

To: Regional Director, Region Three
From: Chief, Water Resources Section
Subject: Analysis of Water, "Puerco Well No. 6" Proposed to be Designated as Puerco Well No. 2, Petrified Forest

Your memorandum of July 16 has arrived with Mr. Kell's memorandum of the same date to the Superintendent, but no copy of the well log which Mr. Kell is reported to have sent to the Superintendent. Also attached was a copy of Drawing ARC-7109 which may have been intended for that Superintendent.

I am personally in favor of including the records of the old and new water wells in Docket 1, and changing name from "Headquarters Water System" to "Rio Puerco Water System". I am also in favor of including the records of the test wells, or in my filing system, part of a file on "Water Resources Investigations, Rio Puerco". The docket should have dividers for the various parts. If we put the well records in a single docket, it will reduce the bulk of docket files. It also permits better evaluation of the water rights which are measured by beneficial use. The use of supplemental water from the new well at the Headquarters Area can only be justified to the extent it exceeds the needs which can be supplied from Well No. 1. Moreover, any rights to water from either well should be established, or amended, to permit use at all areas served by the combined pipeline.

There has also been considerable confusion at Joshua Tree where the Park Service and Geological Survey have numbered the same wells differently. It would be better if both adopted the same numbering system, based on order of drilling. However, the Survey, itself, adopted prefixes for three series of well numbers at Cape Hatteras, where T-1 is a test well, O-1 is an observation well, and W-1 is a water well.

As stated in my memorandum of July 10, whether we file an application for the appropriation of water from the new well, or not, depends on whether the log shows the source to be subsurface flow of the Rio Puerco, or a lower and distinct groundwater source.

A. van V. Dunn
Chief, Water Resources Section

Copy to: Superintendent, Petrified Forest
Chief, WDC (2)
Mr. P. Miller
Mr. Dunn

AvVDunn:lct

L-54

W. R. L. J.
E.

Region Three
Santa Fe, New Mexico

July 16, 1959

Memorandum

To: Director

From: Regional Director

Subject: Analysis of Water, "Puerco Well No. 6" Proposed to Be
Designated as Puerco Well No. 2, Petrified Forest

In reply to Mr. Dunn's memorandum of July 10, we have attached copies of Mr. Kell's memorandum to the Superintendent. Superintendent Fagergren and Mr. Kell have tentatively agreed that "Puerco Well No. 2" or "North Puerco Well" would be the logical designation rather than "Puerco Well No. 6".

Mr. Kell has asked for Superintendent Fagergren's recommendations, and it is Mr. Kell's opinion that eventually, when the information regarding the pump size, its operations, and other data is available, we should probably file a new application with the State Engineer. We will, of course, be guided by Mr. Dunn's recommendations, but Mr. Kell's justification for such action is covered in the attached memorandum.

Mr. Fagergren will determine if our adoption of Puerco Well No. 2 will interfere with any records which the U. S. Geological Survey may have already established. Our reasoning for the adoption of Puerco Well No. 2 is that the six holes drilled in search for water were experimental borings only 2½ inches in diameter and were, therefore, not true wells. The "test wells" enabled the driller to locate the maximum amount of water bearing gravel in consultation with a representative of the U. S. Geological Survey. It is our interpretation that the 32" hole with its 17" O. D. concrete casing is actually the "first well" drilled in 1959, and, therefore, should be designated as either Puerco Well No. 2 or North Puerco Well.

In answer to the fourth paragraph of Mr. Dunn's memorandum of July 10, we would be inclined to include a record of the test borings in the new docket suggested by Mr. Kell showing their general location, depth, and type of formation encountered but refer to them as "test borings" rather than wells.

As soon as we have a reply from the Superintendent in answer to Mr. Kell's memorandum of July 16, we will make recommendations to Mr. Dunn for his further consideration.

One print of the log of the well at Rio Puerco, NM-PF-7114 is attached for your general information. Copies for insertion in the docket, if it is determined a new docket should be prepared, will be distributed after we are all in agreement on nomenclature and designation.

SIGNED

Hugh M. Miller
Regional Director

In duplicate ✓

Attachments

Copy to: WODC (2) w/attachments
Supt., Petrified Forest

L-54

Region Three
Santa Fe, New Mexico

July 16, 1959

Memorandum

To: Superintendent, Petrified Forest
From: Regional Chief of Lands
Subject: Log of Puerco Well No. 2, Petrified Forest

In accordance with your memorandum of July 1, we have attached ten copies of black-line prints, 8" x 14", Log of Puerco Well No. 2. By now you have also received a copy of Mr. Dunn's memorandum to the Regional Director of July 10. If you concur, we would be inclined to use Puerco Well No. 2 as the official name of the well. *No log attached 6/27/59*

In accordance with the last paragraph of Mr. Dunn's memorandum, I would be inclined to make a new docket covering the Puerco Well No. 2. My reasoning is that the Puerco Well No. 2 will serve not only the Headquarters Area at Petrified Forest, as it now exists, but will also serve the new development north of U. S. 66. I realize that if this procedure is adopted it would require a new filing with the State Engineer, but to me it appears that a new well at a different location, even though tied into a portion of the existing system, should probably justify a new application.

I am sending a copy of this to Mr. Dunn for his general information, and at your convenience would like your comments even though they may be in direct opposition to my suggestion. A copy of Mr. Miller's memorandum to the Director is attached, and at your convenience you should determine if our adoption of Puerco Well No. 2 would conflict with U. S. Geological Survey records.

John E. Kell
Regional Chief of Lands

Attachments

Copy to: Director (2) ✓
WDC (2)

WR copy g
154-GBL WKS


July 10, 1959

Memorandum

To: Regional Director, Region Three
From: Chief, Water Resources Section
Subject: Analysis of Water from "Puerco Well No. 6", Petrified Forest

The undated memorandum from Mr. Bill, on the above subject, was received in this office on June 29 with copy of the subject analysis by the Geological Survey.

If I understand correctly, "Puerco Well No. 6" is the supplemental well which has been dug or drilled, as shown on Drawing NM-PF-3216-A. On that basis, I am filing the analysis in Docket 1. We should also have the log of the well, well driller's report if the well was drilled, and copies of the completion report, and the docket should be subdivided with parts for at least the two wells.

Messrs. Kell and Bill wonder whether the well should not be renumbered as Well 2. It is possible that No. 6 has been assigned by the Geological Survey as part of its series in the vicinity. If so, it has also probably assigned a number to the older well, and we should obtain that number from the District Office of the Survey, and find out where any wells with intervening numbers are located. We can then adopt the USGS numbers, or assign our own No. 1 and 2. The latter has been done in the Pinto Basin, Joshua Tree, with some resulting confusion except when we state that Well 2 is USGS 4.

As an alternative it is possible that the Park Service has drilled or dug six wells, of which four were unsatisfactory. In this case, the well should be Number 6, and we should have the records of the four intervening wells even if they were unsuccessful, and should file those records in another part of the docket. Mr. Fagergren may be able to answer this question, and that in the preceding paragraph.

The old well, or Well 1 is covered by Application A-3095, Permit A-2147, claiming underground, or subsurface flow of the

Rio Puerco, as differentiated from groundwater. We need the log or record of "Puerco Well No. 6", and pump size and proposed operation, to determine whether another application should be filed, whether Application A-3095 should be amended, or whether to make no filing on the basis that the source is groundwater other than subsurface flow of the Rio Puerco and less than 100 gpm are to be pumped.

SIGNED

A. van V. Dunn
Chief, Water Resources Section

Copy to: Superintendent, Petrified Forest
Chief, WODC (2)
Mr. Dunn

AvVDunn:let

Region Three
Santa Fe, New Mexico

June 23, 1959

Memorandum

To: Regional Director
Through: Regional Chief of Operations
From: Civil Engineer
Subject: Testing of Well at Petrified Forest National Monument

Enroute to Santa Fe, New Mexico from Grand Canyon National Park on June 11, I stopped at Petrified Forest to check with Superintendent Fagergren on the testing of his new well. They were in the process of testing this well when I arrived. When they had begun testing the water level in the well was 12 feet below the ground level at the well. They pumped to 66 g.p.m. and the water level dropped to 53 feet below the top of the well. When I was there at the well site they were pumping at 100 g.p.m. and the water level had dropped to 72 feet below the top of the ground. This is a draw-down of 60 feet but the drawdown was leveling off, and Mr. Akers of the U. S. Geological Survey had been there during the morning and prior to his departure had stated he would recommend we set the pump at 85 feet below the top of the ground for a flow of 100 g.p.m.

Superintendent Fagergren informed me that the old well was drying up rapidly. He had measured on the evening before and the well was drawing air and only pumping $3\frac{1}{2}$ g.p.m. On the day prior to my visit they had had 7,200 people visit the area and had used, according to the water level in the tank, the same amount of water that they pumped with the pumps going continuously. He informed me that they are measuring twice a day but that the condition is critical and that on a peak weekend they will use more water than they can pump. He has requested permission to run a temporary pipeline from the new well to the old pump. This should give them sufficient water to get over the critical period. He gave me the well log and profile of the well which I will have drawn and sent to Western Office of Design and Construction as rapidly as possible.

I left Petrified Forest at 1:30 p.m. and arrived at Grants, New Mexico at 6:00 p.m. that evening. I left Grants at 7:50 a.m. the morning of June 12 and arrived at Santa Fe at 10:30 a.m.

Copy to: Director (2)
Supt., Petrified Forest
WDC (2)

William E. Fields
Civil Engineer

JUN 24 1959

Approved for Distribution _____ Date _____
Barthol L. Hill, Acting Regional Director

L-54
X-8-5039

Region Three
Santa Fe, New Mexico

*Log filed in
Docket 1*

Memorandum

To: Director
From: Acting Regional Director
Subject: Analysis of Water from "Puerco Well No. 6," Petrified Forest

Attached is a copy of the U. S. Geological Survey's analysis of water from "Puerco Well No. 6," Petrified Forest. We have also attached a copy of Superintendent Fagergren's transmittal memorandum dated May 18. A copy of the analysis was transmitted to Western Office of Design and Construction on the same date. The report in the second column does not pertain to the Puerco Well.

The nomenclature of "Puerco Well No. 6" can, perhaps, become misleading for future water right docket purposes. It is Mr. Kell's belief the "Well No. 6" designation was used because of the number of small test wells drilled for the purpose of locating a source of water.

Results of the test and the production of the old Puerco Well is covered in Civil Engineer Fields' report to the Regional Director, copy to your office, of June 23, 1959. Superintendent Fagergren has made arrangements for a temporary hookup to the existing pump in the pump house at the Puerco River in order to provide adequate water for the headquarters area.

It would be our suggestion, subject to Mr. Dunn's concurrence, that this well, for water rights purposes, be designated as Puerco Well No. 2. We have temporarily placed a copy of the analysis in our Docket No. 1, Application A-3095, Headquarters Water System, Rio Puerco.

*3216 A
no work*

As yet no information has been supplied to the State Engineer since we expect to pump at a rate less than 100 g.p.m.

(SIGNED)

Barthol L. Bill
Acting Regional Director

Attachments

In duplicate

Copy to: Supt., Petrified Forest w/no attachments
WOBC (2) w/no attachments



UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Petrified Forest National Monument
Holbrook, Arizona

May 18, 1959

IN REPLY REFER TO:
D5039

C
O
P
Y

Memorandum

To: Regional Director, Region Three
From: Superintendent, Petrified Forest
Subject: Analysis of Water from Puerco #6 Well

Attached in triplicate are copies of the U.S.G.S. analysis of water from Puerco Well #6 which is the one we propose to use for the new Painted Desert-Puerco System. The report in the second column is for another sample that happened to be analyzed the same time as ours and has nothing to do with the analysis of water from our well.

Geologist Akers of the Holbrook U.S.G.S. Office in giving us the report stated, "the lack of non-carbonate hardness will make for easy water softening, the over average amount of sulphate (SO₄) might be bothersome to some people unused to the water, the quality can be considered only fair but is just about what can be expected at the site and its vicinity."

We submitted another sample to the State Health Department for purity and found it to be free or negative in all respects of coliforms.

We will proceed with drilling and casing of the well if we obtain favorable results on the quotations now being circulated.

/s/ Fred C. Fagergren

Fred. C. Fagergren
Superintendent

Copy to: Chief, WODC

C O P Y

C O P Y

WRG
L54-L

May 24, 1957

Memorandum

To: Regional Director, Region Three
From: Chief, Water Resources Section
Subject: Possible Acquisition of Santa Fe Water at Adamana,
Petrified Forest

Well 132
This refers to the memoranda of April 18 to the Superintendent from Mr. Canfield, of April 23 to you from Mr. Pegergren, and of May 6 to us from Mr. Kell.

The main questions at this time are where the Santa Fe Railway obtains its water, both as to source and location by 40-acre subdivision of a section, and whether there are appropriative rights. The next questions are what the relative contemporary yields, or rights are at the Santa Fe diversion, the Rio Puerco and Desert View wells of this Service; and whether the Santa Fe supply would be used as a supplement to, or in lieu of the existing Park Service sources.

This information is needed to justify the possible acquisition project and also to determine what amendment of rights would be needed. It is assumed that the Santa Fe and Park Service both obtain water from the underground flow of the Rio Puerco, the Santa Fe diversion probably being about a mile or mile and a half below the Park Service diversion. The Park Service has claimed underground flow of the River, but the Santa Fe may have treated its source as percolating groundwater and established no appropriative claim.

From an engineering standpoint, MPS use of the Santa Fe source at headquarters would require about a mile and a half of pipe extension. Doubtless, more wells could be dug or drilled nearer the existing MPS well and produce the same supplemental supply if properly spaced. Assuming that answers to preceding questions show that adequate water and equally good rights can be obtained from either the existing Santa Fe sources or new wells, the rest of the justification for purchase of the Santa Fe system will depend on relative costs and possible construction difficulties of drilling or digging new wells in what seems to be a quicksand stream bed. These matters will have to be determined by engineers in the field.

A. vanV. Dunn
Chief, Water Resources Section

Copy to: Superintendent, Petrified Forest
Mr. P. Miller
Mr. Dunn (2) - Acct. 347 and Petrified Forest
AvVDunn:let

Docket Information

Number of Documents in Docket 66
Documents Dated from 5/24/1957 to 5/17/2000
Docket Compiled: 4/5/2012