



WATER-RIGHT DOCKET

Lake Mead National Recreation Area

Docket No: 33

COTTONWOOD COVE WELL #6.

Preliminary Docket Information

05-21-1976: water right/source docket information

WATER RESOURCES/WATER RIGHT

DATE: May 21, 1976

WATER RIGHT/SOURCE DOCKET INFORMATION

REGION Western Region AREA Lake Mead National Recreation Area

SITE Cottonwood Cove Campground

STATE Nevada COUNTY Clark DOCKET NO WR #16

LOCATION SE $\frac{1}{4}$, NE $\frac{1}{4}$, Sec. 23 and SW $\frac{1}{4}$, SW $\frac{1}{4}$, Sec. 24, T28S, R65E, MDB&M

REGIONAL BASIN Colorado River LOCAL BASIN

ACQUIRED BY Appropriation and other (see narrative).

APPLICATION 19921, 19922 PERMIT CERTIFICATE 5619, 5620

ACTION DATE PRIORITY June 16, 1961 RESERVATION

QUANTITY 390,000 GPD USE Domestic and quasi-municipal

STATUS Active SOURCE 4 wells

REMARKS *Hydrologic unit # 150*
Location NE $\frac{1}{4}$, Sec. 23, T28S, R65E, MDB&M
well #1: SW $\frac{1}{4}$, NE $\frac{1}{4}$, Sec. 23, T28S, R65E, MDB&M
#2: SW $\frac{1}{4}$, SW $\frac{1}{4}$, Sec. 24, T28S, R65E, MDB&M
#3: SW $\frac{1}{4}$, SW $\frac{1}{4}$, Sec. 24, T28S, R65E, MDB&M
#4: SW $\frac{1}{4}$, SW $\frac{1}{4}$, Sec. 24, T28S, R65E, MDB&M

NARRATIVE: This docket contains material covering four wells in the vicinity of Cottonwood Cove Campground, all on the Nevada side of Lake Mohave in Lake Mead National Recreation Area. The first well was completed on Oct. 10, 1957, and was drilled to a depth of 90 feet. This well was filed with the State of Nevada (Application No. 19921, Certificate No. 5619) and has a June 16, 1961 priority date. The water was used for domestic purposes at Cottonwood Cove campground.

The second well was completed sometime during 1959 or 1960 to a depth of 110 to 120 feet (there is a conflict between the Nevada State Application and a map compiled by the Office of Land and Water Rights). This well was also filed with the State, at the same time as the first well, with the same priority date. Water was used to supply the NPS residential area and a concessionaire.

A third well was drilled to a depth of 150 feet in late 1967. Its location was near the second well mentioned above. The last (4th) well was completed on May 23, 1969, in the same location as the prior two wells, to a depth of 200 feet. Neither of the last two wells were filed with the State, probably due to reliance on the Reservation Doctrine enunciated in *Arizona v. California*.

Present development consists of: 175 space trailer village, 150 campsites, 30 room motel and concessionaire restaurant. Total 1974 water usage was reported to be 142,000,000 gallons (Bill Shepard, Maintenance Supervisor).

See also LM WR #17.

Compiled by Kevin Kidder

Approved by W. Werrell

Page 1 of 1

AMENDED

al No. 46430

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC
WATERS OF THE STATE OF NEVADA

THIS SPACE FOR OFFICE USE ONLY

Date of filing in State Engineer's Office..... DEC 16 1982
 Returned to applicant for correction..... JAN 19 1983
 Corrected application filed..... Map filed.....

The applicant..... National Park Service, Water Resources Division
 P.O. Box 36063; 450 Golden Gate Ave. of San Francisco,
 Street and No. or P.O. Box No. City or Town
 California 94102
 State and Zip Code No.
 hereby make application for permission to appropriate
 the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of
 incorporation; if a copartnership or association give names of members.) U.S. Government
 Department of the Interior

Is applicant a U.S. citizen? Yes ☐ No ☐ N/A

Is applicant 21 years of age or older? Yes ☐ No ☐ N/A

NRS 533.325 requires that applicants be a citizen of the United States or have legally declared their intention to become a citizen, and that they be 21 years of age or older.

1. The source of the proposed appropriation is..... Lake Mead National Recreation Area, Nevada
 Name of stream, lake, spring, underground or other source.
 (Cottonwood Cove) Well #6
2. The amount of water applied for is..... One.....second feet.
 One second foot equals 448.83 gallons per minute.
 (a) If stored in reservoir give number of acre-feet..... N/A
3. The water to be used for..... Quasi-municipal and domestic
 Irrigation, power, mining, commercial, domestic or other use. Must limit to one major use.
4. If use is for:
 - (a) Irrigation, state number of acres to be irrigated:..... N/A
 - (b) Stockwater, state number and kind of animals:..... N/A
 - (c) Other use (describe fully under "No. 12. Remarks")..... XXX
 - (d) Power:
 - (1) Horsepower developed..... N/A
 - (2) Point of return of water to stream..... N/A

5. The water is to be diverted from its source at the following point Grc lwater Diversion
Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.
T 28 S, R 65 E, NW $\frac{1}{4}$ of SW $\frac{1}{4}$ of Section 24
6. Place of use T 28 S, R 65 E, SE $\frac{1}{4}$ of Section 23, and SW $\frac{1}{4}$ of Section 24
Describe by legal subdivision. If on unsurveyed land, it should be so stated.
7. Use will begin about January 1 and end about December 31 of each year.
Month and Day Month and Day
8. Description of proposed works (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) A drilled well with a multiple turbine lift, driven by an electric pump
State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with pump and motor, etc.
9. Estimated cost of works \$110,000 to \$120,000
10. Estimated time required to construct works Well is near completion except for electrical implementation and well building
If well completed, describe works.
11. Estimated time required to complete the application of water to beneficial use approximately one year
12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.
To be used for quasi-municipal and domestic purposes for the campground area, for concessionaires, and for trailer area; 28 trailer spaces, 24 unit motel, 20 seat coffee shop, small store, gas station; Park Visitor Center, maintenance yard, and housing for 6 park personnel.

(Sgd) Gerard S. Witucki

Chief, Division of Water Resources
 By National Park Service, Western Region
Signature, applicant or agent

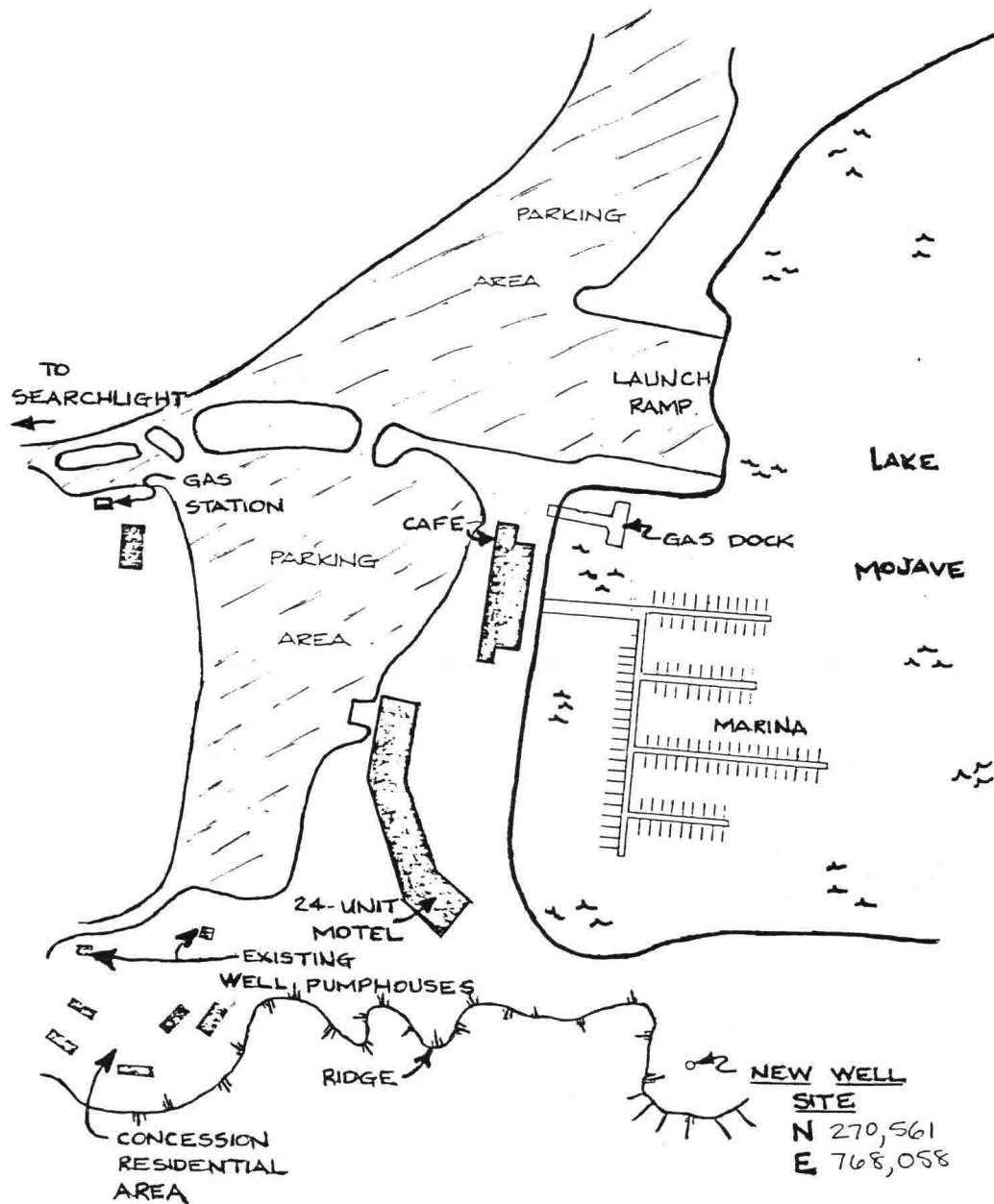
450 Golden Gate Ave; Box 36063
Street and No., or P.O. Box No.

San Francisco, CA 94102
City, State, Zip Code No.

2888 (Rev. 4-82)

**APPLICATION MUST BE SIGNED
 BY THE APPLICANT OR AGENT**

\$100 FILING FEE MUST ACCOMPANY APPLICATION



SITE MAP

COTTONWOOD COVE
LAKE MEAD N.R.A.

3360-B03

01010-3

ROLAND D. WESTERGARD
Director

STATE OF NEVADA
DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
DIVISION OF WATER RESOURCES

PETER G. MORROS
State Engineer

Capital Complex
201 South Fall Street, Carson City, Nevada 89710

In reply refer to
No. 46430

January 19, 1983

Address All Communications to
the State Engineer, Division
of Water Resources
Telephone (702) 885-4380

National Park Service, Water Resources Divn.
P.O. Box 36063
San Francisco, CA 94102

Gentlemen:

Your application to appropriate the public waters of the State of Nevada was received and filed.....

December 16, 1982. This application was assigned serial number 46430.....

We are enclosing a copy of the original application and amended application so that the following corrections may be made on the amended application:

- #3. Should read quasi-municipal and domestic.
- #5. Describe point of diversion as being within a 40-acre legal subdivision or government lot and tie by bearing and distance to an established section or quarter-section corner.
- #7. If annual use is anticipated, should read "Jan. 1 - Dec. 31." Seasonal use could be Apr. 15 - Oct. 15. This question is to determine the portion of every year in which the water is to be used.
- #12. Give an estimate of the number and type of units proposed to be served under this application, i.e., 15 trailers with landscaping, service station and a small store.
- #11. Should be at least one year or your right will be restricted to three months. Need map. A supporting map, prepared by a licensed State Water Right Surveyor, will be required in support of the above application.

In addition to the above corrections, all other appropriate items of the amended application, including current address of the applicant, must again be completed. The name on the amended must be spelled the same as on the original or an affidavit of identity will be requested.

The amended application and map must be filed in this office on or before March 16, 1983.....

or it becomes mandatory for the State Engineer to cancel the application.

Your application, if returned properly corrected within 60 days, will retain the priority of its original filing; if not returned within the time stated, it will be canceled.

PGM/b1
Enclosures
Certified Mail No. P226 378827
cc: Southern Nevada Branch Office

Very truly yours,


PETER G. MORROS, P.E.
State Engineer

ORIGINAL

Serial No. **46430**

**APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC
WATERS OF THE STATE OF NEVADA**

THIS SPACE FOR OFFICE USE ONLY

Date of filing in State Engineer's Office DEC 16 1982Returned to applicant for correction JAN 19 1983

Corrected application filed _____ Map filed _____

The applicant National Park Service, Water Resources Division, P.O. Box 36063
_____ of San Francisco
_____ Street and No. or P.O. Box No. City or Town
California 94102
_____, hereby make.s. application for permission to appropriate
_____ State and Zip Code No.

the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of
incorporation; if a copartnership or association give names of members.) U.S. Government

Department of the Interior Declaration: The United States gives this
_____ notification to the State in the interest
_____ of comity, and does not concede that the
_____ State has power to regulate the rights of
_____ the United States to the use of water.

Is applicant a U.S. citizen? Yes ☐ No ☐ N/AIs applicant 21 years of age or older? Yes ☐ No ☐ N/A

NRS 533.325 requires that applicants be a citizen of the United States or have legally declared their intention to
become a citizen, and that they be 21 years of age or older.

1. The source of the proposed appropriation is Lake Mead National Recreation Area, Nevada
_____ Name of stream, lake, spring, underground or other source.
(Cottonwood Cove) Well #6

2. The amount of water applied for is One _____ second feet.
_____ One second foot equals 448.83 gallons per minute.
(a) If stored in reservoir give number of acre-feet N/A

3. The water to be used for Public supply, Domestic
_____ Irrigation, power, mining, commercial, domestic or other use. Must limit to one major use.

4. If use is for:
(a) Irrigation, state number of acres to be irrigated: N/A
(b) Stockwater, state number and kind of animals: N/A
(c) Other use (describe fully under "No. 12. Remarks") XX

(d) Power:
(1) Horsepower developed N/A
(2) Point of return of water to stream N/A

Clark
13-219
Colorado
V.

5. The water is to be diverted from Groundwa source at the following point Diversion
Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.
T 28 S., R 65 E., SE $\frac{1}{4}$ of NW $\frac{1}{4}$ of SW $\frac{1}{4}$ Section. 24
6. Place of use T 28 S., R 65 E., SE $\frac{1}{4}$ Section 23 and SW $\frac{1}{4}$ of Section 24
Describe by legal subdivision. If on unsurveyed land, it should be so stated.
7. Use will begin about February 15, 1983 and end about N/A of each year.
Month and Day Month and Day
8. Description of proposed works (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) A drilled well with a multiple turbine lift,
State manner in which water is to be diverted, i.e. diversion structure, driven by an electric pump, ditches and flumes, drilled well with pump and motor, etc.
9. Estimated cost of works \$110,000 to \$120,000
10. Estimated time required to construct works Well is near completion except for electrical
If well completed, describe works.
implementation and well building
11. Estimated time required to complete the application of water to beneficial use Three months
12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.
To be used for quasi-municipal and domestic purposes for the campground area,
for concessionaires, and for trailer area.

APPLICATION MUST BE SIGNED
 BY THE APPLICANT OR AGENT

STATE ENGINEERS OFFICE
 RECEIVED
 DEC 10 10:31 AM '82

STATE ENGINEERS OFFICE
 RECEIVED
 DEC 16 10:16 AM '82

Samuel A. Hirsch
 Chief, Division of Water Resources
 By National Park Service, Western Region
Signature, applicant or agent
450 Golden Gate Ave; Box 36063
Street and No., or P.O. Box No.
San Francisco, CA 94102
City, State, Zip Code No.

2888 (Rev. 4-82)

\$100 FILING FEE MUST ACCOMPANY APPLICATION

☆ U.S. GOVERNMENT PRINTING OFFICE: 1977-225 554

Standard Form 1034 September 1973 4 Treasury FRM 2000		PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL				VOUCHER NO.	
U.S. DEPARTMENT, BUREAU, OR ESTABLISHMENT AND LOCATION U.S. Department of the Interior National Park Service/Western Region Attn: Water Resources 450 Golden Gate Ave; Box 36063 San Francisco, CA 94102				DATE VOUCHER PREPARED		SCHEDULE NO.	
				CONTRACT NUMBER AND DATE		PAID BY	
				REQUISITION NUMBER AND DATE			
PAYEE'S NAME AND ADDRESS Nevada State Engineer's Office Division of Water Resources 201 S. Fall St. Carson City, Nevada 89710				DATE INVOICE RECEIVED			
				DISCOUNT TERMS			
				PAYEE'S ACCOUNT NUMBER			
				GOVERNMENT B/L NUMBER			
SHIPPED FROM		TO		WEIGHT			
NUMBER AND DATE OF ORDER	DATE OF DELIVERY OR SERVICE	ARTICLES OR SERVICES (Enter description, item number of contract or Federal supply schedule, and other information deemed necessary)	QUAN- TITY	UNIT PRICE		AMOUNT (1)	
				COST	PER		
		Filing Fee: for application to appropriate water for a new well drilled at Lake Mead NRA.	1	100.00	ea	\$100.00	
(Use continuation sheet(s) if necessary)		(Payee must NOT use the space below)				TOTAL	\$100.00
PAYMENT: ☐ COMPLETE ☐ PARTIAL ☐ FINAL ☐ PROGRESS ☐ ADVANCE		APPROVED FOR		EXCHANGE RATE		DIFFERENCES	
		= \$		= \$1.00			
		BY ²					
		TITLE					
Pursuant to authority vested in me, I certify that this voucher is correct and proper for payment. <u>12/3/82</u> (Date) <u>(Sgd) Gerard S. Witucki</u> (Authorized Certifying Officer)³ <u>Chief, Division of Water Resources</u> (Title)							
ACCOUNTING CLASSIFICATION							
8094-1083-414							
PAID BY	CHECK NUMBER ON TREASURER OF THE UNITED STATES			CHECK NUMBER ON (Name of bank)			
	CASH DATE			PAYEE ³			
\$							
1 When stated in foreign currency, insert name of currency. 2 If the ability to certify and authority to approve are combined in one person, one signature only is necessary; otherwise the approving officer will sign in the space provided, over his official title. 3 When a voucher is receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary", or "Treasurer", as the case may be.						PER	
						TITLE	

erial No.....

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

THIS SPACE FOR OFFICE USE ONLY

Date of filing in State Engineer's Office.....

Returned to applicant for correction.....

Corrected application filed..... Map filed.....

The applicant..... National Park Service, Water Resources Division, P.O. Box 36063.....

..... of San Francisco.....
Street and No. or P.O. Box No. City or Town

California 94102

State and Zip Code No.

....., hereby make.s. application for permission to appropriate

the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of
incorporation; if a copartnership or association give names of members.) U.S. Government

Department of the Interior

~~Declaration: The United States gives this
notification to the State in the interest
of comity, and does not concede that the
State has power to regulate the rights of
the United States in the use of water.~~

Is applicant a U.S. citizen? Yes ☐ No ☐ N/AIs applicant 21 years of age or older? Yes ☐ No ☐ N/ANRS 533.325 requires that applicants be a citizen of the United States or have legally declared their intention to
become a citizen, and that they be 21 years of age or older.1. The source of the proposed appropriation is..... Lake Mead National Recreation Area, Nevada.....
Name of stream, lake, spring, underground or other source.

(Cottonwood Cove) Well #6

2. The amount of water applied for is..... One..... second feet.

One second foot equals 448.83 gallons per minute.

(a) If stored in reservoir give number of acre-feet..... N/A

3. The water to be used for..... Public supply, Domestic.....
Irrigation, power, mining, commercial, domestic or other use. Must limit to one major use.

4. If use is for:

(a) Irrigation, state number of acres to be irrigated:..... N/A

(b) Stockwater, state number and kind of animals:..... N/A

(c) Other use (describe fully under "No. 12. Remarks")..... XX

(d) Power:

(1) Horsepower developed..... N/A

(2) Point of return of water to stream..... N/A

5. The water is to be diverted from its source at the following point Groundwater Diversion
Describe as being within a 40-acre subdivision of public
T 28 S, R 65 E, SE $\frac{1}{4}$ of NW $\frac{1}{4}$ of SW $\frac{1}{4}$ Section 24
survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.
6. Place of use T 28 S, R 65 E, SE $\frac{1}{4}$ Section 23 and SW $\frac{1}{4}$ of Section 24
Describe by legal subdivision. If on unsurveyed land, it should be so stated.
7. Use will begin about February 15, 1983 and end about N/A of each year.
Month and Day Month and Day
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State manner in which water is to be diverted, i.e. diversion structure,
driven by an electric pump
ditches and flumes, drilled well with pump and motor, etc.
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If well completed, describe works.
implementation and well building
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To be used for quasi-municipal and domestic purposes for the campground area,
for concessionaires, and for trailer area.

**APPLICATION MUST BE SIGNED
BY THE APPLICANT OR AGENT**

(Sgd) Gerard S. Witucki
 Chief, Division of Water Resources
 National Park Service, Western Region
 By _____
Signature, applicant or agent
450 Golden Gate Ave; Box 36063
Street and No., or P.O. Box No.
San Francisco, CA 94102
City, State, Zip Code No.

2888 (Rev. 4-82)

\$100 FILING FEE MUST ACCOMPANY APPLICATION

Other Supporting Information

NATIONAL PARK SERVICE
Western Regional Office

WR-8
(3/75)

Subject: Well Application
#46430, in LAME WR # 16,
Cottonwood Cove

MESSAGE RECORD

Date 5-26-83

Routed for: ☒ Information
☐ Central File
☐ Action

☐ Incoming Call

☒ Outgoing Call

To: Bill Reed

Gerard S. Witucki

Name and Title Hugh Ricci, Asst Nevada State Engr.

Representing Nevada Division of Water Resources

ETS 8-598-6011 ask

Telephone No. 885-4380

Address 201 S Fall St Carson, Nevada 89710

NPS Personnel in on Call Ricardo Tapia

Conversation: Spoke to Hugh Ricci in response to his phone call, dated 5/25/83, re: the denial of our water rights application for a new well #46430 (see attached note)

I attempted to persuade Mr. Ricci of our "good faith" effort to comply with their filing procedures. He stated, "that by law he could not excuse our 1 to 2 day late corrected application."

Subsequently, I spoke to Mr. Morros, the Nevada State Engr., and he stated that pursuant to NRS 533.355, "...if corrected copy is not received with 60 days then the application shall be cancelled." He also explained that their notice for corrections runs effectively upon dispatch, but that our submittal is good only upon receipt. He did, however, indicate that he would personally look into the matter to determine if a mistake in tabulating the 60 day period could be found.

We were first notified of the denial by our Finance department, when they received a refund of \$25 from the Nevada State Engr's office without any explanation for the refund. We, Division of Water Resources, had not received any official correspondence alerting us of the denial. We had submitted a \$100 filing fee and \$75 of it was forfeited by the denial.

Remarks: We had submitted several corrected application during the 60 day period. By 3/14/83 we circulated our final, the Reg. Dir. initialed off on 3/17/83 - the application was cancelled on 3/22/83 and rec'd on 3/23/83.

Follow-up Action to be Taken: Await the determination by Mr. Morros to see if the application is officially denied or revived.

Follow-up Action Taken:

Ricardo,

Hugh Ritchie called Wednesday (3:00 p) of NV Water Resources & asked me to relay the message.

- 11/16/82 - application filed
- 1/19 - Reviewed & ^{then} returned
- 3/20 - Deadline
- 3/23 - Reid our copy of map -
but it was too late, application was
cancelled on the 22.

of our 100.00 he could only return 25.00
which would have been used for printing. The
rest paid for processing & was ~~lost~~ forfeited.

He said he went over the application to make
sure there was no procedure error on their
part. Since he found none, there was
nothing he could do.

I guess the next step is ours -

702-885-4380

Marianne

NATIONAL PARK SERVICE
Western Regional OfficeWR-8
(3/75)

MESSAGE RECORD

Subject: Water Rts.
for well in SAME
Cottonwood CaveDate 4/27/83Routed for: ☒ Information
☐ Central File
☐ Action☐ Incoming Call

WR #16

☒ Outgoing CallTo: Bill Wignall
H. L. W. Truck

Name and Title

Pete Morris, Nev. State Engr.

Representing

Nev. Division of Water Res.PTS 8-598-6011 for
Telephone No. 885-4380

Address

201 S. Fall St. Carson, Nev. 89710

NPS Personnel in on Call

Ricardo Lopez

Conversation:

Called Pete Morris, regarding a check
21234, dated 4/4/83, which was for \$25.00
and ~~was~~ issued to NPS. (we had submitted an
app. for a well, #46430,
along w/ \$100 filing fee 12/16/82)

The NPS Div. of Finance was in
receipt of said check w/o any explanation
or attached correspondence. (See attached)
Mr. Morris indicated he was un-
aware of this remittal and would look
into it, then respond, either by phone or
official correspondence.

Follow-up Action to be Taken:

Await Nev. State Engr.'s response
to our application for a new well in Cottonwood Cave,
re: Water Rights as per Nevada statutes.

Follow-up Action Taken:



IN REPLY REFER TO:

United States Department of the Interior

NATIONAL PARK SERVICE
Western Regional Office
450 Golden Gate Ave., Box 36063
San Francisco, CA 94102

April 14, 1983

The State of Nevada
Dept. of Conservation and Natural Resources
Division of Water Resources
Carson City, NV 89701

Dear Sir:

We are in receipt of your check #21234, dated April 4, 1983, for \$25.00.

Please provide further information as to how this check is to be applied by indicating what this is in payment of.

A self-addressed envelope is enclosed for your convenience. Your prompt response will be much appreciated.

Sincerely,

Cynthia Ip
Collection Officer

Attachs.

'83 APR 18 AIO:44

RECEIVED
STATE ENGINEERS OFFICE

'83 APR 18 A10:44

RECEIVED
STATE ENGINEERS OFFICE

L54 (WR-RNW)
LAME/WR #16

March 14, 1983

Mr. Peter G. Morros
State Engineer
Division of Water Resources
201 S. Fall Street
Carson City, Nevada 89710

Dear Mr. Morros

In response to your letter of March 2, 1983, regarding our amended application for Cottonwood Cove Well No. 6 at Lake Mead National Recreational Area, the following information is submitted:

1) Item 5

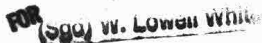
The water is to be diverted from its source at the following point:
at a point from which the S.W. corner of Section 31, T. 28 S., R.
65 E., M.D.B. & M. bears S 66° 57' 18" W., 29,928 feet.

2) Map required

As per the requirement of a map in support of the application, you should have one on file which was prepared by L. M. Bobeau, Water Rights Surveyor for the State of Nevada, (dated 8/30/60). This map depicts the area for Cottonwood Cove Well No. 3: the new well Cottonwood Cove No. 6, is located on the enclosed map. Therefore, at this point in time the need for another map, in virtually the same area, would appear to be not only impractical but also economically unsound.

Since the information you requested is herein supplied, it is not necessary to request any additional extension of time.

Sincerely,

 W. Lowen White

Howard H. Chapman
Regional Director, Western Region

Enclosure

cc:
Superintendent LAME,

(WR) RNW:Tapia:Witucki:mr:3/14/83:6-8660

Tapia

Reed

Witucki W. 3/16

Cherry 3/17

Reg. Director
W. 3/17

ROLAND D. WESTERGARD
Director

PETER G. MORROS
State Engineer

STATE OF NEVADA
DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
DIVISION OF WATER RESOURCES

Capitol Complex
201 S. Fall Street, Carson City, Nevada 89710

In reply refer to
No. 46430

March 2, 1983

Address All Communications to
the State Engineer, Division
of Water Resources
Telephone (702) 885-4380

Mr. Gerald S. Witucki
U.S. Dept. of the Interior
National Park Service
450 Golden Gate Avenue
P.O. Box 36063
San Francisco, CA 94102

Dear Mr. Witucki:

Our office today is in receipt of your amended application in support of your water Application 46430 for Cottonwood Cove well No. 6 at Lake Mead National Recreational Area. Our letter of correction dated January 19, 1983, asked for the following:

1. Item 5

Must describe the point of diversion as being within a 40-acre legal subdivision or government lot and tie by bearing and distance to an established section or quarter-section corner.

Item 5 on the amended application is insufficient to comply with our requests.

2. Need map

A supporting map, prepared by a Nevada Licensed State Water Right Surveyor, will be required in support of the application.

The site map received with the amended application is insufficient to comply with our requirements.

I am enclosing a list of Water Right Surveyors that may be contacted to prepare the required map.

Mr. Gerald S. Witucki
U.S. Dept. of the Interior
March 2, 1983
Page 2

If additional time is needed, an extension of time may be requested for up to sixty (60) days. The enclosed Application for Extension of Time form must be completed and notarized and received by this office on or before March 16, 1983, along with the required \$25.00 filing fee.

If you have any questions, please do not hesitate to contact this office.

Sincerely,

A handwritten signature in cursive script, appearing to read "Steve Knight".

Steve Knight
Hydraulic Engineer

SK-js
Enc
Certified Mail No. P369 805 035

STATE OF NEVADA
ROSTER OF ACTIVE STATE WATER RIGHT SURVEYORS

1982-1983

<u>NEVADA</u>		<u>CERT. NO.</u>
	<u>Beatty 89003</u>	
Tracy I. Phelps	P.O. Box 545	407
	<u>Boulder City 89005</u>	
Paul I. Bolen	1406 Elsa Way	525
Richard V. Wyman	610 Bryant Court	387
	<u>Carson City 89701</u>	
Dean S. Borges	3540 Cherokee Drive	634
John L. Cardinali	P.O. Box 2066	588
Carl Cavolick	625 Fairview Drive, Suite 102	647
Donald C. Clendenon	525 W. Spear Street	560
Robert C. Downer	944 Vassar	314
Robert G. Downer	2612 Silver Sage Drive	393
Melvin J. Fodrin	237 Annapolis Avenue	284
Robert L. Fuller	P.O. Box 517	335
Frank W. Gentry, Jr.	2888 Century Drive	434
Ralph B. Gump	1801 North Alpine Street	578
James P. Haddan	1807 North Nevada Street	575
Stanley G. Hansen	205 South Minnesota Street	480
Gerald W. Heiskanen	P.O. Box 2952	596
William J. Johnstone	P.O. Box 80	229
Harlan K. King	340 North Minnesota Street	615
Kim Koenig	2340 Woodcrest Lane	402
Paul Lumos	625 Fairview Drive, Suite 102	421
Charles A. Miskulin	210 Annapolis Avenue	607
Peter G. Morros	1390 Koontz Lane	363
Douglas Potts	280 Allouette No. 1	633
Brian Randall	340 North Minnesota Street	605
James A. Rankin	150 Manzanita Terrace	391
William A. Reinken	711 West Telegraph Street	530
Keith A. Robertson	1401 North Roop Street	341
Bruce R. Scott	340 North Minnesota Street	427
Fred J. Stanio	3414 Woodside Drive #35	503
Lawrence A. Werner	1834 Newman Place	490
Roland D. Westergard	207 Carville Circle	331

NEVADA (continued)CERT. NO.DAYTON 89403

Jack E. Randell	P.O. Box 907	655
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ELKO 89801

Charles C. Armuth, Jr.	1150 Lamoille Highway	425
Alan S. Boyack	515 South Fifth Street	358
James A. Byers	P.O. Box 189	479
Mark Chilton	421 Court Street	278
Ed Granados	665 Wilson Street	400
William F. Mueller	421 Court Street	433
William A. Nisbet	421 Court Street	448
Norman M. Rockwell	P.O. Box 1448	412

ELY 89301

Richard Forman	P.O. Box 150	420
**William E. Rice	19 Connors Court	574
Arnold C. Wood	P.O. Box 238	495

FALLON 89406

Lowell D. Emery	Box 84	536
C.H. Ketcham	P.O. Box 1710	384
Donald E. Lewis	3900 Schindler Road	428
George M. Wilson	160 North Carson Street	516

FERNLEY 89408

Robert Millard	#12 Inglewood - P.O. Box 225	215
John Christian Nelson	P.O. Box 1032	553
Fred L. Peterson	Route 1, Box 138B	470

GARDNERVILLE 89410

Christoph J. Altemueller	P.O. Box 1207	637
Samuel R. Chacon	Rt. 1, Box 324	645
Mark V. Gonzales	1392 Jobs Peak	644

HENDERSON 89015

Kurt Segler	115 Dogwood	600
Ben G. Sweet, Jr.	P.O. Box 2250	322

INDIAN SPRINGS 89018

Brent R. Woolsey	P.O. Box 465	492
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INCLINE VILLAGE 89450

Kenneth F. Barrow	P.O. Drawer 7000	472
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NEVADA (continued)CERT. NO.LAS VEGAS

Kay L. Adams	1100 East Sahara	89104	498
Kirk S. Anderson	2765 South Highland Drive Sutie 102	89109	487
James T. Anspach	1604 Bluestone Drive	89108	563
Russell Avery	Box 15146	89114	339
Jerry E. Barnson	2800 West Sahara Avenue, Bldg. 4-B	89105	459
Richard J. Baughman	2325 West Charleston	89102	350
J. Allen Bell	401 South Fourth Street	89101	522
Richard N. Brand	2300 East Desert Inn Road #5	89122	518
Karsten T. Bronken	1818 Industrial Road	89102	555
Kenneth J. Brown	3355 West Spring Mountain, Suite 254	89102	547
William E. Buxton	7504 Raincloud Drive	89128	528
David F. Causey	P.O. Box 14846	89114	494
Richard A. Clark	4741 Avenida Del Diablo	89121	360
Charles Steven Deal	4525 West Twain #136	89103	599
Sterling C. Ditsworth	1785 East Sahara Avenue	89101	348
Armand A. Ducharme	1818 Industrial Road	89102	611
Norton K. Earle	4528 West Charleston	89102	373
Lynn R. Elam	3505 Chevy Chase	89110	504
Kenneth D. Farrimond	3407 El Camino Road	89102	521
Robert Fulstone	3555 South Highway #13	89103	639
Richard Hafen	2383 Gateway Road	89110	515
James L. Hogan	2528 Sunrise Avenue	89101	267
David L. Hough	709 Slayton Drive	89107	648
William D. Jacobsen	6758 Greengrove Drive	89103	589
Warren L. Jaubert	4901 West Washington Avenue	89107	326
Jimmy D. Jones	P.O. Box 70372	89170	646
Joseph M. Kolasky	531 North Radwick	89110	473
Ralph L. Kraemer	3160 West Sahara Avenue, Suite 16A	89102	449
Jack K. Leavitt	536 East Sahara Avenue, Suite 2E	89104	513
Richard S. Leland	1100 East Sahara Avenue	89104	405
Ben Lewis	P.O. Box 14222	89114	462
James L. MacFarlane	2800 West Sahara Avenue, Bldg. 4-B	89102	451
Robert J. McNutt	P.O. Box 539	89101	418
Phillip B. McVey	7707 West Wigwam Avenue	89117	327
Carl P. Malone	P.O. Box 4146	89030-1146	505
D. Ray Martinez	4770 East Sahara Avenue	89104	443
Jack H. Mitchell	1059 North Eastridge Way	89110	474
Nelson Myer	4601 West Sahara Avenue, Suite E	89102	328
Boris Narizny	713 East Sahara Avenue #229	89104	548
Ray Novatney	4782 South Mojave	89121	529
James L. Scholl, Jr.	228 Pershing Drive	89107	313
Clinton E. Stay	2321 East McWilliams	89101	432
Stephen Turner	2325 West Charleston	89102	396
Alan F. Walters	4776 Westbury	89106	506
Barry L. Houseal	P.O. Box 27140	89126	569

MINDEN 89423

Bennett James Vasey	P.O. Box 1164	306
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NEVADA (continued)CERT. NO.NORTH LAS VEGAS 89030

James V. Olm	2605 Taylor Avenue	323
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PAHRUMP 89041

Edward L. Schenet	P.O. Box 550	595
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PIOCHE 89043

Paul Gemmill	P.O. Box 271	275
Philip C. Hulse	P.O. Box 700	436

RENO

Robert L. Armet	569 Smithridge Park	89502	568
Dan A. Asikainen	P.O. Box 10100	89510	442
George C. Assuras	1725 Geary Street	89510	364
George W. Ball, Jr.	28 Vine Street	89503	409
Mark James Bardakjian	777 West Second Street	89509	510
Grant J. Bastian	777 West Second Street	89509	554
Eugene E. Blanchard	P.O. Box 3581	89505	552
David Boyer	777 West Second Street	89509	538
John R. Brooke	777 West Second Street	89509	567
Hurbert Chessher	225 Southridge Drive	89509	654
Paul Leland Eckley	1745 Geary Street	89503	652
Harold C. Enderlin	1200 Laredo Court	89503	482
Grant Engstrom	991 Bible Way	89502	625
Mike Evasovic	1970 Pineridge Drive	89509	362
Thomas A. Foote	2080 Parkway	89502	594
George Fong	137 Vassar Street	89502	531
Kenneth Ray Freeman	4100 Jolly Lane	89523	649
Thomas Gallagher	248 Winter Street #1	89503	509
Thomas J. Gribbin	535 East Riverview Circle	89509	556
Manuel Gomez	1332 Frontier Street	89503	604
Peter G. Guisti	1 East 1st Street Room 711	89506	251
Marvin H. Hamrick	130 Vine Street	89503	614
Gerald B. Hartley, Jr.	642 St. Lawrence Avenue	89509	270
James N. Hastings	5645 East Hidden Valley Drive	89502	489
Roy Hibdon	1479 South Wells Avenue Suite 15	89502	370
Starr Hill, Jr.	1160 Sweetwater Drive	89509	217
Timothy F. Holt	290 Galena Pines Road	89511	606
Claude Hunter	P.O. Box 124	89504	207
Eugene Longfield	137 Vassar	89502	265
Don M. McHarg	248 Winter Street #1	89503	551
Philip T. Marshall	1475 Terminal Way, Suite C-2	89502	541
Michael S. Martin	8430 Wise Avenue	89506	656
Keith Meador	1042 West Plumb Lane, Suite 405	89509	262
Alan Means	777 West Second Street	89503	435
Phillip M. Mott	1225 Pluma Street #15	89510	658
Ernest Muller	750 West Pueblo Street	89509	273
Walter Neitz	2890 Vassar Street, Suite A	89502	375
William J. Newman	575 Harbin Lane	89509	285

NEVADA (Continued)CERT. NO.RENO (Continued)

Gustavo Nunez	4130 Spring Drive	89502	520
Arthur C. O'Connor, Jr.	P.O. Box 10307	89510	603
Roger T. Olack	3270 Norman Drive	89509	576
Donald C. Osborne	4260 Warren Way	89509	292
E.P. Osgood, Jr.	130 Vine Street	89503	294
Edwin (Ted) P. Osgood	130 Vine Street	89503	638
Edward Pine	330 Chevy Chase Drive	89509	246
Elmer J. Plummer	2890 Vassar Street, Suite A	89502	566
Millard G. Reed	3040 Rowland Road	89509	631
Wayne P. Reiley	2890 Vassar Street, Suite A	89509	608
John D. Sorenson	2601 Van Buren Drive	89503	424
James D. Steele	22 Sunnycrest	89503	619
Richard A. Stinchfield	777 La Rue Avenue	89509	496
William Pillsbury	527 Lander Street	89509	478
John J. Welsh	2715 Knob Hill Drive	89506	642
Thomas E. Williams	5520 Cypress Point	89502	626
William Hendricks	1479 South Wells, Suite 15	89502	534

RUTH 89319

Richard E. Fonger	P.O. Box 362	497
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SMITH 89430

Wyatt J. Owens	P.O. Box 44	398
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SILVER CITY 89428

William Donovan	P.O. Box 1	514
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SILVER SPRINGS 89429

C.W. Chellquist	P.O. Box 121	561
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SPARKS 89431

Richard Arden	950 Industrial Way	307
Lawrence A. Bogdon	1043 East Greenbrae Drive	355
Calvin Dodson	659 "J" Street	161
Harry R. Ericson	950 Industrial Way	332
Robert L. Fisher	515 Lenwood Drive	446
Ronald E. Gunderson	1095 Emerson Way	517
Ronald H. Hancock	Box 576	618
Barry W. Hickerson	405 East Emerson Way	593
Dale D. Kulm	140 Sells Street	527
Joseph P. Michon	956 Supreme Court	591
Max C. Montgomery	1114 O'Callahan	632
Richard D. Moser	2893 Sunny Slope Drive	453
William C. Rice	490 Emerson Way	546
Charles Seifers	137 Gault Way	532
John Shorter, Jr.	1515 Greenbrae Drive	499
Lee H. Smithson	45 Desert Springs Circle	572
Gerald Stanton	1506 9th Street	481
David R. Roundtree	3151 Meadowlands Drive	571

NEVADA (Continued)CERT. NO.STATELINE 89449

Ronald Tuner	P.O. Box 5067	523
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TONOPAH 89049

Wallace T. Boundy	P.O. Box 242	584
Kenneth L. Haskew	P.O. Box 1209	444
Jerry C. Williams	Box 3006	592

VIRGINIA CITY 89440

John E. Curran	P.O. Box 371	488
Greg Hess	P.O. Box 314	445
Walter G. Reid	P.O. Box 474	147

VERDI 89439

Gene D. Clayton	Box 924	466
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WELLINGTON 89444

John P. Davis	Box 162	545
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WINNEMUCCA 89445

J.R. Caldwell	P.O. Box 432	276
Robert N. Caldwell	146 West Second Street	468
Carl Crosby	4505 Davis Drive	542
John H. Milton, III	146 West Second Street	573

YERINGTON 89447

Thomas M. Cahill	Box 483	221
George H. Denson	P.O. Box 528	455
Michael L. Eckstein	30 Yermo Lane	508
James Nelson	23 Fairway Drive	380

ZEPHYR COVE 89448

John E. Glab	P.O. Box 425	544
Richard J. Whitney	P.O. Box 616	510
Jere E. Williams	P.O. Box 1162	411

ALASKAWASILLA 99687

John W. Howe	P.O. Box 1120	651
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ARIZONAWINSLOW 86047

Robert Beamish	P.O. Box 537	653
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<u>CALIFORNIA</u>	<u>ALTURAS 96101</u>	<u>CERT. NO.</u>
Gary Lybarger	Box 466	641
Robert W. Wickenden	P.O. Box 1082	203
	<u>AUBURN 90603</u>	
Wessley W. Paulsen	P.O. Box 225	351
	<u>BISHOP 93514</u>	
Roger Glidden	P.O. Box 84	511
	<u>BRIDGEPORT 93517</u>	
Walter H. Brown	P.O. Box 57	454
Bruce L. Rice	P.O. Box 642	540
	<u>CARMICHAEL 95608</u>	
Gilbert A. Gardner	2532 Garfield Avenue	564
	<u>DAVIS 95616</u>	
David Russell Storm	623 Seventh Street	539
	<u>FAIR OAKS 95628</u>	
Anton A. Lind	8715 Curragh Downs	439
	<u>HUNTINGTON BEACH 92649</u>	
George Matthieson	16922 Ruby Circle	342
	<u>LAGUNA NIGUEL 92677</u>	
Earl Swan	25242 Del Rio	406
	<u>MONTEREY 93940</u>	
James C. Perkins	501 Ocean Avenue #9	311
	<u>NEVADA CITY 95959</u>	
William J. Falconi	530 Searls Avenue	543
	<u>OAKLAND 94611</u>	
Charles F. Copeland	2335 Pelham Place	640

<u>CALIFORNIA (Continued)</u>	<u>OROVILLE 95965</u>	<u>CERT. NO.</u>
Daniel J. Cook	2060 Park Avenue	376
	<u>PALO ALTO 94306</u>	
Robert L. Nevin	189 Marvin Avenue	408
	<u>REDDING 96001</u>	
Neal P. Dixon	5682 Green Acres Lane	635
Ronald F. Ott	2334 Washington Avenue	565
Joseph Patten	P.O. Box 2088	533
	<u>ROCKLIN 95677</u>	
James W. Lawson	6295 Westwood Drive	597
	<u>SALINAS 93901</u>	
Roy W. Fowler, Jr.	336 El Camino Real South	338
	<u>SAN CLEMENTE 92672</u>	
Philip W. Peter	1519 Calle Valle	587
	<u>SAN DIEGO 92111</u>	
Gerald E. Campbell	7807 Convoy Court	359
	<u>SOUTH PASADENA 91034</u>	
Frank Salas	1115 Buena Vista Street	616
	<u>SUSANVILLE 96130</u>	
**Lowell G. Buffham	1322 5th Street	558
Paul E. Simpson	45 South Roop Street	429
	<u>VALLEJO 94590</u>	
Fred H. Seiji	1849 Tuolumne Street	581
	<u>VISTA 92083</u>	
Ernest B. Pechstein	3773 Buena Creek Road	269
Wendal W. Wallace	1360 Foothill Drive, Casa Valencia No. 49	526
<u>COLORADO</u>	<u>DENVER 80237</u>	
John W. Patterson	3803 South Elm Street	659

<u>COLORADO (Continued)</u>	<u>GRAND JUNCTION 81502</u>	<u>CERT. NO.</u>
Charles H. Skipper, St.	P.O. Box 1074	627
	<u>LAKEWOOD 80228</u>	
Eldon J. Mayhew	600 South Youngfield Court	464
<u>IDAHO</u>	<u>BOISE 83704</u>	
Keith E. Anderson	6700 Emerald Street	353
	<u>COEUR D' ALENE 83814</u>	
Robert A. Avon	P.O. Box 514	621
	<u>TWIN FALLS 83301</u>	
Charles D. Howard	1139 Falls Avenue	535
Dennis C. Zimmerman	1299 Spruce Avenue	585
<u>NEW MEXICO</u>	<u>ALBUQUERQUE 87191</u>	
LeRoy R. Givens	3939 San Pedro N.E. Suite "D"	378
Douglas F. Sterck	P.O. Box 14057	549
	<u>MILAN 87021</u>	
Donald F. Anderson	P.O. Box 3411	484
<u>MICHIGAN</u>	<u>GRAND RAPIDS 49506</u>	
Pasquale Gallo	2536 Annchester Drive S.E.	301
<u>MINNESOTA</u>	<u>ELK RIVER 55330</u>	
Richard T.G. Bickman	18707 Highway #10 NW	602
<u>MISSOURI</u>	<u>ST. JOSEPH 64503</u>	
Richard V. Good	3710 Meadowoak Lane	562
<u>MONTANA</u>	<u>CUT BANK 59427</u>	
Robert H. Babb	325 3rd Avenue SE	356
<u>OKLAHOMA</u>	<u>OKLAHOMA CITY 73132</u>	
William H. Hisle	7512 Rumsey Road	213

<u>OREGON</u>	<u>JACKSONVILLE 97530</u>	<u>CERT. NO.</u>
J.A. Hoffbuhr	2726 Eastside Road	389
	<u>PORTLAND 97208</u>	
** Robert E. Dycret	500 NE Multnomah	372
	<u>SALEM 97306</u>	
Barry Frank Morris	6418 Doral Drive	598
	<u>UTAH</u>	
	<u>CEDAR CITY 84720</u>	
Phylip John Leslie	558 South Blue Sky Drive	580
	<u>HIGHLAND 84003</u>	
John J. Allen	6315 West 10830 North	586
	<u>LOGAN 84321</u>	
Charles W. Munncy	1452 East 1100 North	610
Michael R. Turnipseed	55 East 100 North	612
Arnold A. Waddoups	168 North 100 East	583
	<u>ROY 84067</u>	
**John Edward Riley	2143 West 4950 South	333
	<u>SALT LAKE CITY 84117</u>	
Dodd M. Greer	1634 East 400 South	630
Hooper Knowlton, Jr.	5330 South 900 East Street	579
	<u>ST. GEORGE 84770</u>	
Jimmie C. Rosenburch	275 West 200 South	361
	<u>WASHINGTON</u>	
	<u>SEATTLE 98117</u>	
John A. Modawell	535 North 169th Street	512
	<u>WENATCHEE 98801</u>	
Steven D. Johnson	1602 North Aurora	469
	<u>WYOMING</u>	
	<u>BURNS 82053</u>	
Robert Corbett	2050 Road 150	620

**Restricted to Government Work

Complied by:

Division of Water Resources, 201 South Fall Street
 Capitol Complex, Carson City, Nevada 89710

BEFORE THE STATE ENGINEER OF THE STATE OF NEVADA

IN THE MATTER OF PERMIT NO.

OWNER OF RECORD

APPROPRIATE THE WATERS OF
(Name of stream, lake, spring, underground or other source.)STATE OF
COUNTY OF } ss.
(Where notarized)**APPLICATION FOR
EXTENSION OF TIME**Comes now the
(Person Signing Application) (Permittee or Agent)

under Permit No., who after being first duly sworn, deposes and says:

That due to
(Give reasons in detail why extension of time is necessary)

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

I have been unable to comply with the provisions of said permit.

Wherefore permittee requests an extension of time for within which to comply with the
(Not to exceed 1 year)

provisions for filing the
(Proof of Commencement, or Completion of Work or Proof of Beneficial Use.)

of the above numbered permit.

Signed
(Permittee or Agent)

Address
Street No., or P.O. Box No.

City, State, Zip Code No.

Subscribed and sworn to before me this day of

....., 19.....

Notary Public in and for the County of

State of

My commission expires 19.....

\$25 FILING FEE MUST ACCOMPANY THIS APPLICATION FOR EXTENSION OF TIME.

AN APPLICATION MUST BE FILED FOR EACH SEPARATE PERMIT TO APPROPRIATE WATER.

LS4 (WR-RNW)
LAME/WR #16

February 16, 1983

Mr. Peter G. Morros
State Engineer
Division of Water Resources
210 S. Fall Street
Carson City, Nevada 89710

Dear Mr. Morros:

In response to your form letter of January 19, 1983, we submit the
requested corrections.

Sincerely,

FOR (Sgd) John D. Cha

Howard H. Chapman
Regional Director, Western Region

Enclosure

cc:
Superintendent, Lake Mead, w/encl.

(WR)RNW:Tapia:Witucki:ms:2/16/83

Tapia *[Signature]*
Werrell *[Signature]*
Witucki *[Signature]*
Cherry *[Signature]*
Reg. Dir. *[Signature]*
[Signature] 2/24

L54 (WR-RNW)
~~LAKE~~WR #16

December 3, 1982

Mr. Peter G. Morros
State Engineer
Division of Water Resources
201 S. Fall Street
Carson City, Nevada 89710

Dear Mr. Morros:

As per conversations of November 9, 1982 between yourself and Mr. Ricardo Tapia of my staff regarding an application to appropriate water for a new well drilled in Lake Mead National Recreation Area, the enclosed application is remitted.

Payment in the amount of \$100.00 will be forwarded to your office by the United States Treasury Department under separate cover for the filing fee of the application.

If there are any questions or comments regarding this matter, please contact Gerard S. Witucki, Chief, Division of Water Resources, (415) 556-8660 of this Office.

Sincerely,

FOR
(srd) John D. Cherry

Howard H. Chapman
Regional Director, Western Region

Enclosure

cc:
Superintendent, Lake Mead, w/encl.

bcc:
(WR)AF, w/SF 1034

(WR)RNW:Tapia:Witucki:ms:12/3/82:6-8660

W
Tapia *RG*
Witucki *gm*
J. Burke *Rm*
Mills *h*
Cherry *FE*
Reg. Dir. *FE*
12/7
1/4p

OC



IN REPLY REFER TO:
D5039-DSC-TWE

United States Department of the Interior
NATIONAL PARK SERVICE
DENVER SERVICE CENTER
755 Parfet Street
P.O. Box 25287
Denver, Colorado 80225

September 5, 1980

OTAKE
SLOAT
PUBULIS

RECEIVED Western Regional Office SEP 8 '80	
Regional Director	
Dep. Regional Dir.	
Operations Eval.	
Administration	
Operations	
Public Affairs	
EEU	
Action Taken	

Memorandum

To: Regional Director, Western Region

From: Assistant Manager, Pacific Northwest/Western Team, DSC

Reference: Lake Mead, Package 328, Cottonwood Cove, Construction Drawings and Specifications, Water System

Subject: Transfer of Water Rights from Old Well to New Well at Cottonwood Cove

From telephone conversations with Larry Reynold of the State of Nevada, Department of Water Resources, it has been learned that it will be necessary to transfer water rights from the existing well producing water with excessive fluorides (Well No. 2) to the new well to be drilled this fall. Technically, this transfer does not have to occur until the new well is put into service, but the application for permission should be submitted several weeks in advance. By copy of this memorandum, we are sending the necessary forms and applicable regulations to the Superintendent, Lake Mead for his use in submitting the application.


Kenneth Raithel, Jr.

cc:
Supt., Lake Mead, w/enc





IN REPLY REFER TO:
D5039-DSC-TWE

United States Department of the Interior
NATIONAL PARK SERVICE
DENVER SERVICE CENTER
755 Parfet Street
P.O. Box 25287
Denver, Colorado 80225

September 5, 1980

OTAKE
SLOAT
PUBULIS

RECEIVED
Western Regional Office
SEP 8 '80

Regional Director	
Dep. Regional Dir.	
Operations Eval.	
Administration	
Operations	
Public Affairs	
Security	
Training	
Records Management	
Facilities	
Transportation	
Wildlife	
Recreation	
Interpretation	
Education	
Outreach	
Public Involvement	
Community Relations	
Emergency Management	
Information Systems	
Legal Affairs	
Policy Development	
Research	
Technical Assistance	
Wilderness	
Youth Programs	
Other	

AWITACK

Memorandum

To: Regional Director, Western Region

From: Assistant Manager, Pacific Northwest/Western Team, DSC

Reference: Lake Mead, Package 328, Cottonwood Cove, Construction Drawings and Specifications, Water System

Subject: Transfer of Water Rights from Old Well to New Well at Cottonwood Cove

From telephone conversations with Larry Reynold of the State of Nevada, Department of Water Resources, it has been learned that it will be necessary to transfer water rights from the existing well producing water with excessive fluorides (Well No. 2) to the new well to be drilled this fall. Technically, this transfer does not have to occur until the new well is put into service, but the application for permission should be submitted several weeks in advance. By copy of this memorandum, we are sending the necessary forms and applicable regulations to the Superintendent, Lake Mead for his use in submitting the application.

Kenneth Raithel, Jr.

cc:
Supt., Lake Mead, w/enc

Year of
the
Visitor

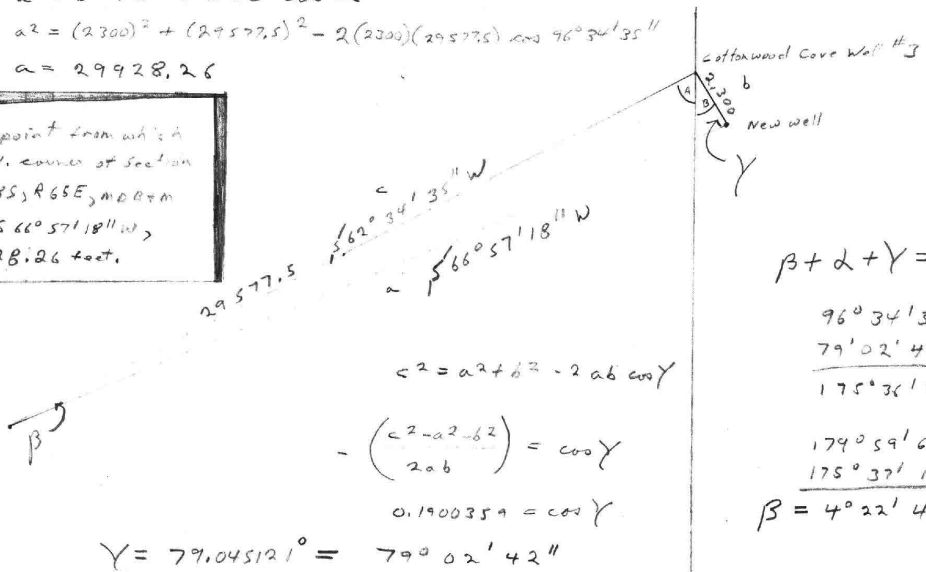
2/8/83

$$a^2 = b^2 + c^2 - 2bc \cos \alpha$$

$$a^2 = (2300)^2 + (29577.5)^2 - 2(2300)(29577.5) \cos 96^\circ 34' 35''$$

$$a = 29928.26$$

Point from which
the S.W. corner of section
31, T.28S, R.66E, M.D.B.M.
bears S 66° 57' 18" W,
29928.26 feet.



$$A = 62^\circ 34' 35''$$

$$B = 34^\circ$$

$$\alpha = 96^\circ 34' 35''$$

$$\beta + \alpha + \gamma = 180^\circ$$

$$96^\circ 34' 35''$$

$$79^\circ 02' 42''$$

$$175^\circ 38' 17''$$

$$179^\circ 59' 60''$$

$$175^\circ 37' 17''$$

$$\beta = 4^\circ 22' 43''$$

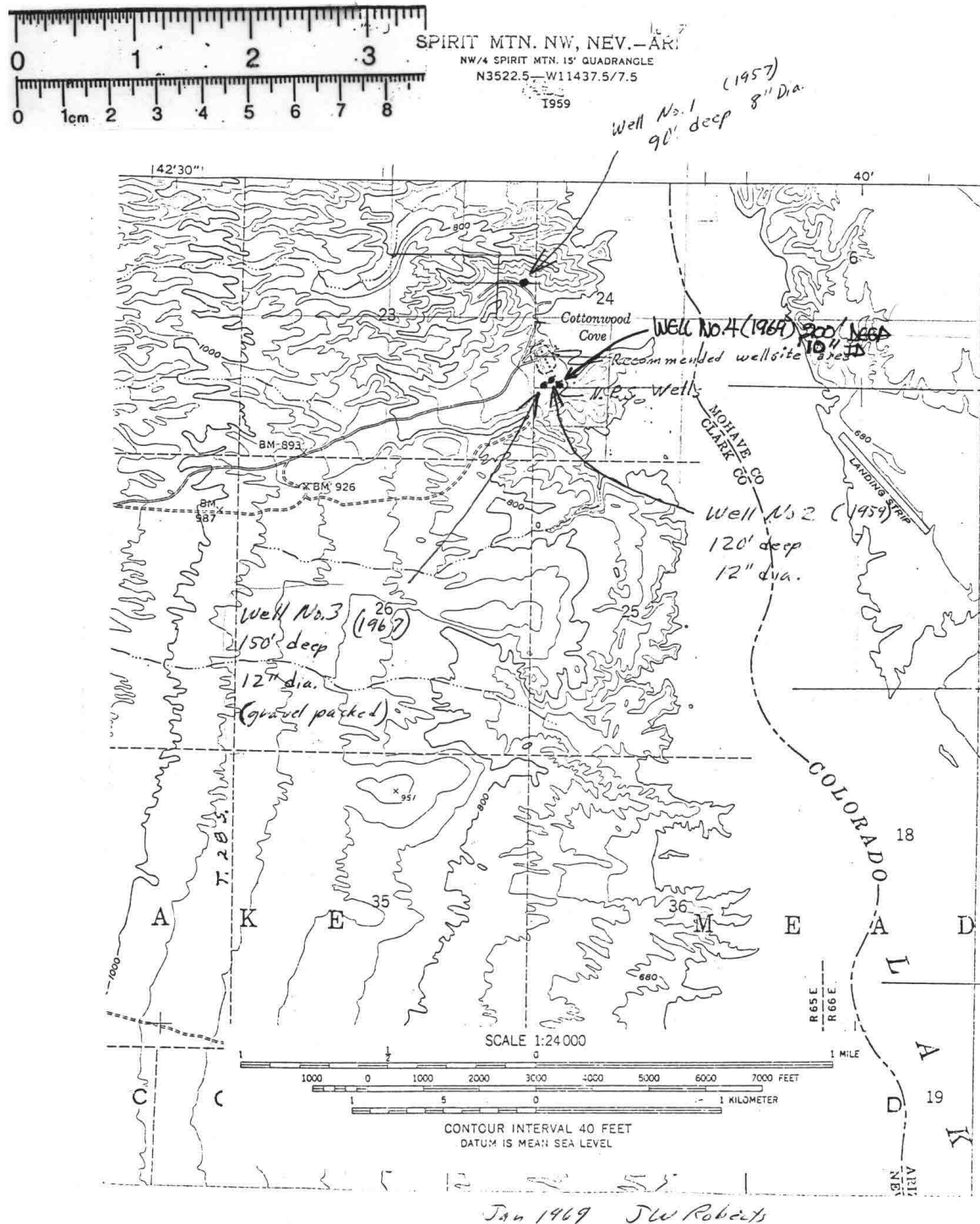
$$c^2 = a^2 + b^2 - 2ab \cos \gamma$$

$$\left(\frac{c^2 - a^2 - b^2}{2ab} \right) = \cos \gamma$$

$$0.1900359 = \cos \gamma$$

$$\gamma = 79.045121^\circ = 79^\circ 02' 42''$$

2300 ft
S 84° E 20' due
Cottonwood Cove
Well #3
29577.5 ft
S 66° 57' 18" W
29928.26 ft
New Well



Docket Information

Number of Documents in Docket 38

Documents Dated from 6/15/1959 to 5/26/1983

Docket Compiled: 4/21/2011