



WATER-RIGHT DOCKET

Lake Mead National Recreation Area

Docket No: 23

SHIVWITS AREA WELL

Preliminary Docket Information

05-09-1979: water right/source docket information

WATER RESOURCES/ANALYSIS/PERMIT/FILE INFORMATION

DATE: May 9, 1979

DOCKET (FILE) TITLE

REGION Western AREA Lake Mead National Recreation Area

SITE Shivwits Area Well

STATE Arizona COUNTY Mohave DOCKET NO. WR #23

LOCATION SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec.23 T32N R12W

REGIONAL BASIN LOCAL BASIN

ACQUIRED BY

APPLICATION PERMIT CERTIFICATE

ACTION DUE PRIORITY RESERVATION

QUANTITY USE

STATUS SOURCE Well

REMARKS Hydrologic Unit #15010002

NARRATIVE:

In 1962 a test well was authorized for the Shivwits Plateau of Lake Mead N.R.A., to be used for fire protection and a fire guard station. Due to the inaccessability of the area and the fact water could be reached by drilling a well not more than 60 feet deep, the well was hand dug. The capacity of the well, 66 feet deep, was four gallons per hour by hand bailing, with a hand pump installed over the well. According to the Water Treatment Plant in Boulder City, the water from the well was found to be of excellent quality.

At this time the status of the well is unknown. The Fire Guard Camp is still in existance, but exactly what source serves it is not documented. It is known, however, that the well is located off Park Service property and that no state right has been secured for the use of the water from it. Accordingly, the Park Service has no valid right to use the water from this well, as far as the documentation in the docket is concerned. *Wells - ground water is not subject to appropriation in Arizona - can be developed if land is owned - as in this case by the U.S. Government.*

Compiled by T. Kern

Approved by

By

Received JUN 24 1991
Water Rights Branch

B 320 120 23 000 WR 829132 FILE TYPE: REGISTRATION WELL TYPE: EXEMPT
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: COLORADO RIVER WELL USES: WATER PRODUCTION
COUNTY: MOHAVE
OWNER: FEDERAL DRILLER:
WELL DPTH: 66 FT CASE DIAM: 4 IN CASE DPTH: 48 FT METH DET:
PUMP CAP: 35 GPM FINISH: STEEL ACRES IRR: YIELD: 35 GPM
DRAW DOWN: WATER LVL: 53 FT LIFT: POWER:
DATE COMPLETED: 07 00 963
POU #1: POU #2:
STATUS: DATA OWN LOG R CRT R PQ NBR: IPQ STATUS:
ENTER--READ NEXT RECORD-----CLEAR TO RETURN TO SELECTION CRITERIA--



IN REPLY REFER TO:

United States Department of the Interior

NATIONAL PARK SERVICE

WESTERN REGION

450 GOLDEN GATE AVENUE, BOX 36063
SAN FRANCISCO, CALIFORNIA 94107

JUN 9 '82

L54 (WR-RNW)

June 4, 1982

Mr. Wesley E. Steiner, Director
Department of Water Resources
99 E. Virginia Avenue
Phoenix, Arizona 85004

Reference: Arizona Groundwater Management Act
(1980), A.R.S. 45-593

Dear Mr. Steiner:

Enclosed are the completed well registration forms for existing wells within the State of Arizona owned by the United States Government, Department of the Interior, National Park Service, Western Region. These forms have been completed for the following areas: Casa Grande National Monument (1 well), Chiricahua National Monument (8 wells), Coronado National Memorial (6 wells), Fort Bowie National Historic Site (1 well), Grand Canyon National Park (no wells), Lake Mead National Recreation Area (14 wells), Montezuma Castle National Monument (3 wells), Organ Pipe Cactus National Monument (21 wells), Petrified Forest National Park (3 wells), Saguaro National Monument (14 wells), Tonto National Monument (1 well), Tumacacori National Monument (3 wells), Tuzigoot National Monument (1 well), and Walnut Canyon National Monument (1 well). The location of these National Park Service areas are shown on the enclosed map (in red).

Of the total 77 wells being registered, 12 wells have a pump capacity exceeding 35 gallons per minute and therefore payment in the amount of \$120.00 (\$10.00 X 12) will be forwarded to your office by the U.S. Treasury Department under separate cover as the registration fee for these non-exempt wells.

If there are any questions with regards to this matter, or if we can be of further assistance, please contact Gerard S. Witucki, Chief, Division of Water Resources, (415) 556-8660, of this Office.

Sincerely yours,

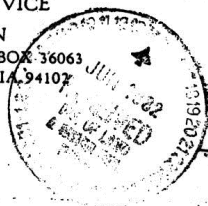
FOR *John H. Chapman*

Howard H. Chapman
Regional Director, Western Region

Enclosures

See attached sheet for bcc's

RMR



Regional Director	Index
Deputy Regional Director	5/24/82
Administration	
Park Operations	ML
Plans & Records	
Comp. Serv.	
Communications	
EIS	
Other Eval.	
Alison Taylor	

See Dockets for
SAGO, CORO

bcc's sent to:

Superintendent, Casa Grande, w/respective encls., w/blank form & w/o map
Superintendent, Chiricahua/Fort Bowie, w/respective encls., w/blank form & w/o map
Superintendent, Coronado, w/respective encls., w/blank form & w/o map
Superintendent, Grand Canyon, w/o encls.
Superintendent, Lake Mead, w/respective encls., w/blank form & w/o map
Superintendent, Montezuma Castle/Tuzigoot, w/respective encls., w/blank form & w/o map
Superintendent, Organ Pipe Cactus, w/respective encls., w/blank form & w/o map
Superintendent, Petrified Forest, w/respective encls., w/blank form & w/o map
Superintendent, Saguaro, w/respective encls., w/blank form & w/o map
Superintendent, Tonto, w/respective encls., w/blank form & w/o map
Superintendent, Tumacacori, w/respective encls., w/blank form & w/o map
Superintendent, Walnut Canyon, w/respective encls., w/blank form & w/o map
General Superintendent, Southern Arizona Group, w/respective encls., w/blank form & w/o map
Field Solicitor, San Francisco Office - Attn: J. Burke, w/encls. & w/blank form
Field Solicitor, Phoenix Office - Attn: W. Swan, w/map, w/blank form & w/example of
completed form
Regional Director, Rocky Mountain Region - Attn: W. McKeel, w/map, w/blank form &
w/example of completed form
Regional Director, Southwest Region - Attn: G. Moore, w/map, w/blank form & w/example
of completed form
(WR)AF, w/SF 1034, w/o encls.

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



REGISTRATION OF EXISTING WELLS

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

Declaration: The United States give
of contribution to the State in the inter-
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-	629132
FILE NO.	B(32-12)23 ddd
FILED	6-9-82 AT 1:30
	(DATE) (TIME)
INA	
AMA	

- Name of Registrant:
National Park Service, Western Region, Division of Water Resources
450 Golden Gate Ave., Box 36063, San Francisco CA 94102
(Address) (City) (State) (Zip)
- File and/or Control Number under previous groundwater law:
(File Number) 35- (Control Number)
- The well is located within the SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$, Section 23, of Township 32 N N/S, Range 12 W E/W, G & SRB & M, in the County of Mohave.
 - If in a subdivision: Name of subdivision _____, Lot No. _____, Address _____.
- The principal use(s) of water (Examples: irrigation - stockwater - domestic - municipal - industrial)
Domestic, public supply, fire protection
- 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 66 feet
 - Diameter of casing 4 (feet) inches
 - Depth of casing 48 feet
 - Type of casing steel
 - Maximum pump capacity not more than 35 gallons per minute
 - Depth to water 53 feet below land surface.
 - Date well completed July 1963
(Month) (Day) (Year)
- The place(s) of use of water. If same as Item 3, check this box ☒

Lake Mead National Recreation Area - Shivwits Area Well /
Attach additional sheet if necessary.
- DATE JUN 3 1982 SIGNATURE OF REGISTRANT (Sgd) Gerard S. Witucki

GERARD S. WITUCKI
CHIEF, DIVISION OF WATER RESOURCES

CHANGE OF WELL INFORMATION

Registration Number 55 629132

I request the following information be changed in Well File Number B(32-12)23 ddd

Date _____, 19____ Signature of Well Owner _____

STATEMENT OF CHANGE OF WELL OWNERSHIP

I, _____, state that I am (no longer) the (new) owner of the well described below:

Township _____ Range _____ Section _____, _____ $\frac{1}{4}$ _____ $\frac{1}{4}$ _____ $\frac{1}{4}$

Registration #55-_____ File No. _____

Previous Owner _____ New Owner _____

Address _____ Address _____

City _____ State _____ Zip _____ City _____ State _____ Zip _____

NOTE: ARS 45-593 requires that the Department be notified of change of well ownership and that the well owner is required to keep the Department's Well Registration records current and accurate. Well data and ownership changes must be submitted within 30 days after changes take place.

NOTE: SAVE THIS FORM TO REPORT FUTURE
CHANGES IN OWNERSHIP OR WELL
DATA SUCH AS PUMP CAPACITY, ETC.

State of Arizona
DEPARTMENT OF WATER RESOURCES
99 E. Virginia Avenue, Phoenix, Arizona 85004

RECEIVED
NPS MANAGEMENT REGIONAL OFFICE
JAN 25 1982
D
BRUCE BABBITT, Governor
WESLEY E. STEINER, Director
JAN 4, 1982

Dear Well Owner:

Arizona's new Groundwater Management Act requires that all existing wells, regardless of size, be registered with the Department of Water Resources by June 14, 1982. An existing well is one that was drilled prior to June 12, 1980, and which has not been abandoned or sealed. Included are wells which were not completed by June 12, 1980, even though a Notice of Intent to Drill was filed with the Department.

For your convenience, enclosed are the registration forms and the information from your well file. If the information is still correct, simply transfer it to the new form. If the information needs to be updated, please do so on these forms. Be sure to file all forms in duplicate so we can return one copy to you.

There is no fee to register "exempt" wells with a pump capacity not exceeding 35 gallons per minute. "Non-exempt" wells, those with a pump capacity greater than 35 gallons per minute, cost \$10 each to register.

If you own additional wells for which we did not provide data, we probably do not have those wells in our records, or they are filed under another name. In the event you no longer own the well, please forward this information to the new owner.

If you have any questions about well registration, feel free to call us at 255-1546. The toll free number in Arizona is 1-800-352-5464.

Thank you for your cooperation.

Sincerely,

W. Don Maughan
W. Don Maughan
Deputy Director

WDM/CLL/
Enclosure

Think Conservation!

Office of Director 255-1554

Administration 255-1550, Water Resources and Flood Control Planning 255-1566, Dam Safety 255-1541,
Flood Warning Office 255-1548, Water Rights Administration 255-1581, Hydrology 255-1586.

Land History

JAN 2 1969

LWSSC
L1425 LAME
Waring Purchases (1st and 2nd)
Waring Exchanges (1st and 2nd)
Waring Home Ranch Interests

Mr. Obed M. Lassen
Commissioner
Arizona State Land Department
1624 West Adams
Phoenix, Arizona 85007

Dear Mr. Lassen:

Transmitted herewith is a letter from Mr. Robert Carlock and the
attachments cited in his letter. Please note your records that the
United States now owns the land and appurtenant water rights described
in the above-mentioned attachments.

Sincerely yours,

SIGNED

John E. Ritchie
Chief, Office of Land and Water Rights

Enclosure

cc:
Supt., Lake Mead (w/o encl.)
Supv. Hyd. Eng. (w/o encl.)



LWSSC
11425 LAME
Waring Home Ranch Interests

JAN 2 1969

Memorandum

To: Chief, Division of Land and Water Rights, WASO
From: Chief, Office of Land and Water Rights, SSC
Subject: Transmittal of Quitclaim Deed, involving the consummated
Waring transactions, Lake Mead

Transmitted herewith is a Quitclaim Deed, executed on November 13, and recorded in Book 272 of Deeds, Pages 315 and 316. Please include this deed in the final title assemblies already sent in regard to the two Waring purchases and the two Waring exchanges (M1317 and A677-A). This should complete the respective files.

For their records all pertinent documents exhibiting ownership of the subject land and appurtenant water rights in the United States have been submitted to the State of Arizona.

SIGNED

John E. Ritchie

Enclosure

cc:
Reg. Dir., Southwest (w/o encl.)
Supt., Lake Mead (w/o encl.)
Supv. Hyd. Eng. (w/encl.)

When recorded return to:

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Chief, Office of Land & Water Rights
P. O. Box 36063
San Francisco, California 94102

QUITCLAIM DEED

J. D. Wering, also known as Jonathon Deyo Wering and Mary V. Wering also known as Mary Vanderwelker Wering, husband and wife, GRANTORS, for and in consideration of two hundred fifty thousand dollars (\$250,000.00) and other valuable considerations, (private exchange M-1317 and A677A) in hand paid, the receipt whereof is hereby acknowledged, do hereby quitclaim, remise and release to the United States of America and its assigns, GRANTEE, all rights, title and interest in and to the following described property situate in the county of Mohave, State of Arizona.

The J. D. Wering "Home Ranch" and grazing allotment within the Lake Mead National Recreation Area and lying within surveyed and unsurveyed T. 32 N., R. 10 and 11 W.; T. 31 N., R. 10, 11 and 12 W.; T. 30 1/2 N., R. 12 W.; T. 30 N., R. 11 and 12 W.; T. 29 N., R. 10, 11, 12, and 13 W.; T. 28 N., R. 11, 12, and 13 W.; G.S.R.M., as shown on the Bureau of Land Management district grazing maps and further identified as allotment number 8/9-230; including but not limited to the following listed waters, water rights, certificates, permits and projects, as well as any and all other waters, springs, tanks, certificates, fences, corrals, buildings, mining claims, roads and trails, or other improvements or equities situate thereon or pertaining thereto.

"Waters, water rights, and certifications"

- T. 32 N., R. 11 W. (surveyed)
 - Section 29, SW 1/4, Pleasant Valley dirt tank - Certification #240
- T. 31 N., R. 11 W. (surveyed)
 - Section 6, NE 1/4, Horse Valley dirt tank - Base water property.
 - Section 9, SE 1/4 SW 1/4, Green Spring, Certification #1554 in 1949
 - locates in NE 1/4 NW 1/4, Section 16.
 - Section 10, NE 1/4, Pine Valley dirt tank - Base water property.
 - Section 16, SW 1/4, Green Spring Canyon - Base water property.
 - Section 19, SW 1/4, Peter's Pockets - Base water property.
 - Section 22, SW 1/4 NW 1/4, Penn's Pocket Spring - Base water property.
 - Section 34, SW 1/4, dirt tank
- T. 31 N., R. 12 W. (surveyed)
 - Section 13, SW 1/4, Suicide dirt tank
- T. 30 N., R. 11 W. (surveyed)
 - Section 7, SE 1/4, dirt tank
 - Section 10, W 1/2, Spencer dirt tank, base water property.
 - Section 15, SW 1/4, Shenley dirt tank and spring, Certification #239 in 1928
 - Section 16, Dinner Pocket dirt tank and spring
 - Section 18, Cottonwood Spring - Certification #1483 in 1948
 - locates in Section 24, T. 30 N., R. 12 W., - base water property.
 - Section 20, NW 1/4, Dinner Pockets - Base water property.
 - Section 20, SW 1/4, Horse Spring - Base water property
 - Section 21, N 1/2, Dinner Pocket dirt tank
- T. 30 N., R. 12 W. (unsurveyed)
 - Section 12, NW 1/4 SW 1/4, Suicide Spring - Certification #1480 in 1948
 - locates in Section 1, base water property.
- T. 29 N., R. 10 W. (Partially surveyed)
 - Section 28, SE 1/4, Shenley tank and spring at Snyder mine. - Base water property.
- T. 29 N., R. 11 W. (Partially surveyed)
 - Section 5, Deer Flat dirt tank
 - Section 15, dirt tank
 - Section 23, Kelly Spring - Certification #1482 in 1948 - Base water property.
 - Section 24, E 1/2, Kelly dirt tank
 - Section 25, NW 1/4, dirt tank
- T. 29 N., R. 12 W. (unsurveyed)
 - Section 2, NE 1/4 SE 1/4, Amos Spring - Certification #265 in 1928
 - locates in Section 1, NE 1/4 NW 1/4, - base water property.
 - Section 13, Peck Rat Spring - Certification #1479 in 1948
 - locates in Section 24, NE 1/4 NW 1/4, - Base water property.
 - Section 20, Willow Spring - Certification #1481 locates in NW 1/4 SE 1/4 - This spring may actually be located in NE 1/4 NE 1/4 of Section 21. - Base water property.
 - Section 27, SW 1/4 NE 1/4, Peck Rat Spring - according to Bureau of Land Management - Base water property.

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"Bureau of Land Management Section 4 Permits and Cooperative Projects"

Permits No. 45, 429, 430, 432, 438, 443, 444, 445, 446, 447, 448, 450, 456, 457, 458, and Cooperative Project No. 403.

SAVE AND EXCEPT, that the rights, titles, and interests conveyed herein shall exclude all personal property and livestock situate on the "Home Ranch" allotment No. 8/9-230 and shall NOT affect that certain conditional reservation of grazing option as contained in those certain deeds recorded in Book of Deeds 234, page 42, Book 244, pages 372-374, Book 246, pages 489-491 and Book 257, pages 264-265, of the County of Mohave, State of Arizona. Said grazing option and conditional reservation reads as follows:

"If it is determined by GRANTED that grazing of livestock may continue on the above described realty, then J. D. Waring reserves unto himself, for the rest of his life, the first option for the grazing use and privileges of said lands in accordance with Bureau of Land Management regulations and prescribed grazing fees, now or hereafter in effect."

Signed this 13th day of November, 1968.

J. D. Waring
by: Page Land and Cattle Company
a Corporation

by: Robert H. Carlock
Robert H. Carlock, President
Attorney in Fact

Mary V. Waring
by: Page Land and Cattle Company
a Corporation

by: Robert H. Carlock
Robert H. Carlock, President
Attorney in Fact

Recorded at Request of National Park Service
DEC 16 1968 Min. Past 8 o'clock A. M.
Book 272 of DEEDS Pages xxix Pages 315 - 316
Records of Mohave County, Arizona
By E. B. Smith
Deputy Recorder Recorder # 1.00 52770

PHOTO COPIED

INDEXED

water right

Lake Mead National Recreation Area
Boulder City, Nevada

May 28, 1963

Memorandum

To: Manager, Land Office, Bureau of Land Management
3022 Federal Building, Phoenix 25, Arizona

From: Superintendent, Lake Mead

Subject: Request for Permit to Drill Water Well in SE $\frac{1}{4}$
of the SE $\frac{1}{4}$, Sec. 23, T. 32 N., R. 12 W

Please accept this memorandum as an application under
44 L.D. 513, for granting a right-of-way over public domain
to Federal agencies, on the SE $\frac{1}{4}$ of the SE $\frac{1}{4}$, Sec. 23,
T. 32 N., R. 12 W.

It is contemplated, when and if water is located in the
above mentioned Section that our Fire Camp on the Shivwits
Plateau will be moved to said location from its present one
which is $\frac{1}{2}$ mile southeast of the area for which the well-
drilling permit is requested. The location for the water
well was plotted from the Bureau of Land Management Map
8 and 9, Arizona Strip Grazing District No. 1.

We hope that this description will be sufficient to sub-
stitute for the map you requested, showing the survey of
right-of-way.

Your immediate attention to this matter would be appre-
ciated, since we hope to start drilling the well in the
near future.

Charles A. Richey

NARRATIVE OF COMPLETION REPORT FOR TEST WELL - SHIVWITS PLATEAU

Authorization: This project was authorized as a test well on the Shivwits Plateau by memorandum of September 26, 1962 from Acting Regional Director J. M. Carpenter. Account No. 128.2 was assigned by Lake Mead National Recreation Area for reimbursement by the Regional Office.

Description of Work Accomplished

\$2,000.00 were earmarked in the Southwest Regional Office by memorandum dated September 26, 1962.

Plans were formed to hand dig a well in Section 23, T 32 N R 12 W Salt River and Gila Meridian.

In view of the small amount of money available and the distance (94 miles by rough road from St. George) to the area, it was decided that Cal Keele, Construction Foreman would hand dig the well alone except for part time help from fire guards in the area. It was decided to use a 4' diameter corrugated metal pipe for casing.

Material was moved on site June 17, 1963 and digging began on June 18. Conglomerate rock encountered on June 19 at 5' depth. Digging continued until solid granite encountered at 13' depth. In view of surrounding terrain it was decided that solid rock would in all probability continue below 30' depth at which water was anticipated; therefore hole was abandoned. The rock which was removed required drilling and shooting with dynamite. Loose material was raised from hole by hoisting 5 gallon bucket from hole over winch by rope attached to pickup truck.

A new site was located (still within southeast corner of Section 23) and digging began July 3, 1963. Regional Office earmarked an additional \$1,000 for the project. The new hole was dug 5' x 5' without benefit of shoring since the material penetrated showed no signs of sloughing. Rock was encountered at 16' and continued 10 feet deep. Regional Office earmarked an additional \$1,000 to drive the hole below the 40' depth.

At 47' no water had been encountered, but a study of the Green Spring area indicated the depth of clay shale to be approximately 20', and that water could possibly be just below. Regional Office earmarked an additional \$1,000 for digging to a depth below the shale.

Water was encountered at the 53' depth and the hole was continued to the 66' depth. Forty eight feet of 4' diameter CMP casing was installed from the ground level to the 48' depth. No casing was installed from the 48'-66' depth.

The well was capped with wooden planking and a hand pump installed. Capacity of the well was determined at 4 gallons per hour by hand bailing.

The following is a log of the material encountered in the second hole during the digging:

<u>Depth from surface in feet</u>	<u>Type of material encountered</u>
0 - 5	Clay, semi hard
5 - 12	Clay and small rock
12 - 16	Clay, firm
16 - 36	Rock, solid (limestone and granite, dynamite used)
36 - 53	Clay, shale, red in color, very hard when dry
53 - 66	Hit first water - clay shale - hard
66 -	Shale rock - similar to clay but harder

The water was tested chemically and found to be of excellent quality. The following is a tabulation of the results of the tests made by the Water Treatment Plant in Boulder City, Nevada

Total dissolved solids ---	360 PPM
Total Alkalinity -----	280 "
Chlorides -----	22 "
Calcium -----	63 "
Magnesium -----	32 "
Sulfates -----	16 "
Total Hardness -----	283 "
Carbon Dioxide -----	7 "
P. Alkalinity -----	0 "
PH -----	7.9

Work was performed under the direct supervision of Cal L. Keele, Mixed Gang Foreman, and under the general supervision of Edgar W. Blair, Supervisory Civil Engineer.

Other Supporting Information



IN REPLY REFER TO:

United States Department of the Interior

NATIONAL PARK SERVICE

WESTERN REGION

450 GOLDEN GATE AVENUE, BOX 36063
SAN FRANCISCO, CALIFORNIA 94102

L54 (RNW)

April 20, 1982

Memorandum

To: All Superintendents, Arizona Areas, Western Region

From: ~~ACTING~~ Regional Director, Western Region

Subject: Arizona Groundwater Management Act, required filings

In compliance with the Arizona Groundwater Management Act of 1980, we are required to register all existing wells within the State on or before June 12, 1982, see enclosure.

The Field Solicitor's Office has advised us that registration of existing wells on National Park Service lands should be made either as a matter of comity, in the case of Federal reserved water rights, or as a matter of compliance with Arizona State law, in the case of Federal non-reserved water rights.

The Division of Water Resources has begun to compile the necessary information for the filings, and in the process may be contacting your offices for further information. They will submit this material to the State.

Information which you feel the Division of Water Resources may not have, concerning recently changed well conditions, pump capacities, etc., should be relayed as soon as possible to the Division of Water Resources at 556-8660.

If you have any questions concerning the well registration requirements, please do not hesitate to contact Mr. Witucki and his staff.

W. Bruce White

Enclosure

cc:
General Superintendent, SOAR

L54
(WR)RNW

September 21, 1981

Witucki
Mills
Kilgore

Davis
Reg. Dir.

Memorandum

To: Field Solicitor, San Francisco
ACTING
From: Regional Director, Western Region
Subject: Arizona Groundwater Management Act: Registration of Inactive Wells;
Filing for "Grandfathered Rights"

The Division of Water Resources has received inquiries from the affected National Park Service areas concerning certain provisions of the Arizona Groundwater Management Act of 1980, and we are still awaiting a response from your Office regarding our June 11, 1981 memorandum to you. As required by the Act, all wells in the State must be registered with the Arizona Department of Water Resources by June 12, 1982. However, it is not clear whether it is appropriate to register the inactive wells located in the parks within the State of Arizona. Since registration of these inactive wells may have a bearing on the Service's right to drill new or replacement wells in the future, we have tentatively planned to register all wells located within the affected parks. With these concerns in mind, we would appreciate a legal determination and your recommendations as to the registration of inactive wells pursuant to the Arizona Groundwater Management Act.

Through field investigations conducted by the Division of Water Resources staff, telephone conversations with the field areas, and communication with your staff, we determined that it was not necessary to file for "Grandfathered Rights" for any of the wells located in the parks within the designated Active Management Areas since none of the wells in question has a pumping capacity greater than 35 gallons per minute. Under the provisions of the Act, such wells were exempt from filing for "Grandfathered Rights."

Your assistance and cooperation in this matter is appreciated.

(SGD) JOHN H. DAVIS

cc:
General Supt., SOAR
Supts., Saguaro, Tumacacori, & Casa Grande

(WR)RNW:Reed:Werrell:Witucki;ms 9/21/81

Southwest Region
Santa Fe, New Mexico

NOV 14 1963

W O D C	
NOV 18 1963	
CHF	
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L. A.	
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Memorandum

To: Director

From: Assistant Regional Director, Resource Planning

Subject: Creation of Docket No. 23, Shivwits Area, Lake Mead

The enclosed is a copy of Docket No. 23 which has been completed for the new dug well in the Shivwits Area, Lake Mead. We have inserted a copy of the Completion Report for the well which was submitted by the Superintendent of Lake Mead on October 9th. He has indicated that photographs of the construction will be forthcoming and these will be added to the docket when received. This Completion Report also contains a log of the material encountered and a chemical analysis of the water. By copies of this memorandum we are sending this docket to WODC and the Superintendent, Lake Mead for insertion in their Docket files.

(SIGNED)

Leslie P. Arnberger

In duplicate

Enclosure

cc: WODC (2) ✓
Superintendent, Lake Mead

Lake Mead National Recreation Area
Boulder City, Nevada

September 23, 1963

~~1-54~~ X
L-54

W O D C
SEP 26 1963

CHIEF
ADM
PERS
P & P
ARCH
ENGR
SPEC
CONT
SECTY
HABS

Atty 3
4-2-63 9/27
3-2-63 9/27
Richey 10-3

Memorandum

To: Director

From: Superintendent, Lake Mead

Subject: Completion Report - Test Well Shivwits Plateau -
Lake Mead

We are enclosing the original of subject Completion Report Number 9 SLP. The well was hand dug as an experimental well. Funds were provided by the Southwest Regional Office from Water Rights Construction funds.

By copy of this memorandum we are forwarding a copy of the Completion Report to the Geological Survey District office, attention Mr. P. Eldon Dennis, geologist who made the study prior to digging the well.

Charles A. Richey

Enclosure - 1

cc:
Regional Director, Southwest Region w/report
Chief WODC w/report
District Geologist w/report



During digging operation - note material in foreground which was removed from well - note compressor and "A" frame and hoist used during digging operation.



Completed well including hand pump installation - "A" frame has been removed and area cleaned since photo.

Southwest Region
Santa Fe, New Mexico

SEP 26 1962

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Memorandum

To: Superintendent, Lake Mead
From: Acting Regional Director
Subject: Drilling of Test Well, Shivwits Area, Lake Mead National Recreation Area

On June 29 the U. S. Geological Survey submitted a memorandum report which contained the results of a ground water study made in the Shivwits area, Lake Mead. This report stated that for a fire guard headquarters a sufficient amount of water can probably be obtained by drilling a shallow well of not more than 50 or 60 feet deep in the alluvium in the southeast corner of Sec. 23, T. 32 N., R. 12 W., G&SRM. This well should be a large diameter well, probably 2 feet in diameter or larger.

We have budgeted \$2,000 in our Water Construction Account Work Order No. 3-WR-63B, Item 11 for this project. This memorandum is your authority to proceed with the specifications for this well and the digging or drilling, whichever you prefer.

Mr. P. Eldon Dennis, District Geologist for the U. S. Geological Survey in Tucson, would like to be present while your development work is being done. He would like to coordinate this trip with a trip he needs to make for the Fish and Wildlife Service near Needles, California. Prior to the beginning of this construction you should contact Mr. Dennis so that he can arrange his schedule to be present while the work is being done. His address is: District Geologist, Ground Water Branch, U. S. Geological Survey, P. O. Box 4070, Tucson, Arizona.

If you are in need of any assistance from this office do not hesitate to call.

SIGNED

J. M. Carpenter
Acting Regional Director

Copy to: Director (2)
Chief, WODC (2)
U. S. Geological Survey, Tucson

Cem 3

water rights

Lake Mead National Recreation Area
Boulder City, Nevada

L 54

April 16, 1962

Mr. Eldon Dennis, District Geologist
Ground Water Branch
Geological Survey
P. O. Box 4070
Tucson, Arizona

Dear Mr. Dennis:

Please refer to your letter of April 10, 1962 relative to water study on the Shivwitts Plateau. We do plan to drill test holes this year providing funds are available and the results of your study are encouraging. We have not awarded a contract for the drilling.

The access road into the Shivwitts area from St. George is open and passable with passenger vehicles.

After May 14, 1962 we will have personnel available to accompany you to the National Park Service site. If you can give us two or three days advance notice of the date you intend to move out, we can arrange to have our personnel meet you in St. George, Utah.

Sincerely yours

Jerry B. House
Assistant Superintendent

Copy to: Regional Director, Region 3
E.W. Blair

Region Three
Santa Fe, New Mexico

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Memorandum

To: Superintendent, Lake Mead

From: Regional Director

Subject: Drilling of Test Well at Shivwits Plateau, Lake Mead
National Recreation Area

In your memorandum of March 16 to this office concerning the above subject you asked if we had contacted the U. S. Geological Survey concerning the study of the area prior to drilling of the test well.

By memorandum of March 2 we asked U.S.G.S. to make a ground water study as soon as possible and forward the results to this office. As soon as we have these results we will let you know and proceed with the drilling of the test well this fiscal year if possible.

(SIGNED)

Thomas J. Allen
Regional Director

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

29

2

Lake Mead

W.C. Miller
Ag

Region Three
Santa Fe, New Mexico

L54

JUN 16 1961

Memorandum

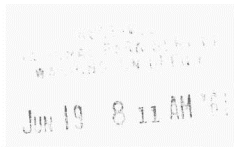
To: Superintendent Lake Mead
From: Acting Regional Director
Subject: Specifications for Drilling Test Well, Shivwits
Plateau, Lake Mead National Recreation Area

The last paragraph of our memorandum dated June 15 on the same subject was in error. What Mr. Kell had in mind in stating that equipment to be installed in the well including pumps, etc., was that those charges could not be made against acquisition of land and water rights account 14X1035, Regional Office 128.2. This is construction money and, therefore, the remainder of the project must be accomplished with similar funds. Accordingly, we will attempt to program sufficient funds to cover the equipment installations during the 1962 Fiscal Year. After determination of costs we will request a program adjustment utilizing current project savings or reserves.

(SIGNED)

Jerome C. Miller
Acting Regional Director

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



Region Three
Santa Fe, New Mexico

L54

JUN 1 1961

Memorandum

To: Superintendent Lake Mead
From: Acting Regional Director
Subject: Specifications for Drilling Test Well, Shivwits Plateau, Lake Mead National Recreation Area

Attached is a draft of specifications for drilling an eight-inch test well (6" casing) on the Shivwits Plateau in your area to be used for fire protection. You have advised the location will be in the NW¹/₄ of Sec. 36, T. 32 N., R. 12 W., G & SRM.

We have taken several pages from specifications for a well at Chiricahua National Monument and have inserted the necessary changes to make it applicable to your area. It is understood that you will cut the stencils for the specifications, award the contract and be the Contracting Officer for this project.

We have received telegraphic authority from our Washington Office to program this project under 14X1035, Regional Office 128.2. This will enable advertising this month with bid opening and award after July 1.

The authorized charge to this account will be the drilling of a test well, and if water is encountered, developing and testing for production can be made. Casing necessary for drilling can be left in the bore.

However, any equipment to be installed in the well in the nature of pumps, etc., cannot be charged to the 14X1035 account but must necessarily be purchased or obtained from your regular operating expense. Technical assistance, if required, from this office can be provided.

Jerome C. Miller
Acting Regional Director

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

Docket Information

Number of Documents in Docket 24
Documents Dated from 4/16/1962 to 6/24/1991
Docket Compiled: 6/2/2016