



WATER-RIGHT DOCKET

Lake Mead National Recreation Area

Docket No: 27

TEMPLE BAR WELL #2

Preliminary Docket Information

00-00-0000: water right/source docket information

DATE: July 2, 1972

DOCKET (FILE) TITLE _____
REGION Western AREA Lake Mead National Recreation Area
SITE Temple Bar
STATE Arizona COUNTY Mohave DOCKET NO. WR #11
LOCATION see narrative
REGIONAL BASIN _____ LOCAL BASIN _____
ACQUIRED BY Reservation
APPLICATION _____ PERMIT _____ CERTIFICATE _____
ACTION DUE _____ PRIORITY _____ RESERVATION October 8, 1964
QUANTITY _____ USE _____
STATUS Active SOURCE Ground Water - Well
REMARKS Hydrologic Unit #15010005

NARRATIVE:

From 1952 until 1975 a series of wells have been drilled at the Temple Bar area to supply the campground and visitor facilities there. Water quality problems have been encountered with the first few wells drilled and only the later wells are currently in operation. These wells are as follows:

- 1) T31N R19W Sec.33 SW¹/₄ SW¹/₄ NE¹/₄ (Inactive)
- 2) T31N R19W Sec.33 NE¹/₄ SW¹/₄ NE¹/₄ (Inactive)
- 3) T31N R19W Sec.33 SW¹/₄ SW¹/₄ NE¹/₄ (Secondary Source)
- 4) T31N R19W Sec.32 NE¹/₄ SE¹/₄ NE¹/₄ (Active, yielded 185 gpm)
- 5) T31N R19W Sec.32 NE¹/₄ NE¹/₄ SE¹/₄ (Scheduled to be the primary source, unknown if in operation yet)

The area should be field checked to determine the extent of facilities present and the source currently used by the development.

Compiled by T. Kern

Approved by _____

P. _____

RMR



United States Department of the Interior

NATIONAL PARK SERVICE

WESTERN REGION

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

JUN 9 '82

IN REPLY REFER TO:

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.

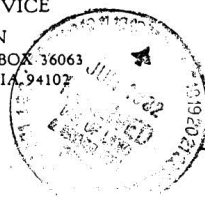
Sincerely yours,

FOR *John H. Chapman*

Howard H. Chapman
Regional Director, Western Region

Enclosures

See attached sheet for bcc's



Rocky Mountain	Index
Regional Office	6/9/82
Deputy Regional Director	ML
Administrative	
Park Operations	
Plan & Admin Div	
Geog. Div	
Communications Div	
ESD	
Over Sea	
Admin. Serv.	

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

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

Declaration: The United States gives
certification to the State in the interest
of public health, safety and the general
welfare 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. 629134
FILE NO. B(31-19)33ACA
FILED 6-4-82 AT 1:30
(DATE) (TIME)
INA
AMA

1. 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)

2. File and/or Control Number under previous groundwater law:

(File Number) 35- (Control Number)

3. a. The well is located within the NE ¼ SW ¼ NE ¼, Section 33, of Township 31 N N/S, Range 19 W E/W, G & SRB & M, in the County of Mohave.

b. If in a subdivision: Name of subdivision
Lot No. Address

4. The principal use(s) of water (Examples: irrigation - stockwater - domestic - municipal - industrial)

Unused

5. If for irrigation use, number of acres irrigated from well

6. Owner of land on which well is located. If same as Item 1, check this box ☒

(Address) (City) (State) (Zip)

7. Well data (If data not available, write N/A)

- a. Depth of Well 200 feet
b. Diameter of casing 6 inches
c. Depth of casing N/A feet
d. Type of casing steel
e. Maximum pump capacity N/A gallons per minute.
f. Depth to water 125 feet below land surface.
g. Date well completed 1952
(Month) (Day) (Year)

8. The place(s) of use of water. If same as Item 3, check this box ☐

¼ ¼ ¼, Section Township Range
¼ ¼ ¼, Section Township Range
Lake Mend National Recreation Area - Temple Bar #2

Attach additional sheet if necessary.

9. 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 629134

I request the following information be changed in Well File Number B(31-19)33aca

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 WATER RESOURCES REGIONAL OFFICE
JAN 25 1982
D
BRUCE BABBITT, Governor
WESLEY E. STEINER, Director
January 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.

Supporting Hydro Data

ORM 9-1367 (9-1963)
U. S. DEPT. OF INTERIOR
GEOLOGICAL SURVEY

ANALYTICAL STATEMENT-SW CO. Mc ve (Ariz) 74.3
NPS LAB NO 54722 (17)

Location <u>55 miles South of</u>		Date of collection <u>Rec'd. July 20, 1964</u>		
<u>Boulder City, Nev.</u>		Ignition Loss _____ Color <u>2</u>		
<u>SW 1/4 sec. 33 T31N R19W</u>		Dissolved Solids _____		
Source (type of well) <u>GSRM, Lake Mead</u>		Residue at 180°C <u>790</u>	SiO ₂ _____	11
Owner <u>NPS - Box 127</u>		Calculated (Sum) <u>762</u>	Fe (total) _____	0.12
<u>Boulder City, Nev.</u>		Tons per Acre Foot <u>1.04</u>	Ca _____	4.84 97
Date drid _____ Cased to _____ ft	Hardness as CaCO ₃ <u>354</u>	Mg _____	2.24	27
Depth _____ Diam _____	Non-carbonate Hardness <u>230</u>	Na _____	4.92	113
WSP _____	T Wa <u>41</u> SAR <u>2.6</u> pH <u>7.7</u>	K _____	0.14	5.6
Water level _____ ft	Specific Conductance _____	Na + K _____	12.14	
Sampled after pumping _____ hrs	(micromhos at 25°C) <u>1,170</u>	HCO ₃ _____	2.49	152
Yield _____ GPM (meas or est)		CO ₃ _____	0.00	0
Pt of coll. <u>Temple Bar ramp area</u>		SO ₄ _____	6.79	326
Appearance <u>Clear</u>		Cl _____	2.96	105
Temp (°F) <u>75</u> Use _____		F _____	0.02	0.4
Collector _____		NO ₃ _____	0.02	1.4
Chemist <u>KO</u>			12.28	B 0.13
Date completed <u>Aug. 3, 1964</u>				
Checked by <u>JON</u>				
Date transmitted _____				

Provisional records. subject to revision.

WR#11

Well No. (E 31-19)33 aca
(unsurveyed)

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Visit and

Record by R.L. Laney Source of data Norris Gaylor Date Dec 1-70 Map Virgin Basin, Nev-Ariz

State Ariz 04 County Mohave 08
(or name)

Latitude: 360206 N Longitude: 1141924 Sequential number: 1

Lat-long accuracy: 1 deg 7 min sec 19 12 degrees 13 min sec 18 19
T. 31 S, R. 27 E, Sec 33, NE t, SW t, NE t Gilat Salt R.

Local well number: 3 - 31 - 19 33 AC A Other number: B & M

Local use: CNI Owner or name: National Park Service

Owner or name:

Address: Boulder City, Nev.

Ownership: County (C) Fed Gov't (F) City, Corp or Co (M) Private (P) State Agency (S) Water Dist (W)

[illegible]

Use of water:	Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec,							
	(S)	(T)	(U)	(V)	(W)	(X)	(Y)	(Z)

Stock, Instit Unused, Repressure, Recharge, Desal-P S, Desal-other, Other _____

Use of well: (A) (D) (U) (N) (O) (P) (R) (T) (U) (W) (X) (S)
Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused Withdraw, Waste, Destroyed

DATA AVAILABLE: **None** Well data ☐ Freq. W/L meas.: ☐ Field aquifer char. ☐

DATA AVAILABLE: Well data 70 FREQ. W/L MEAS.: 71 FIELD ACQUIRER CHAT. 72

Hvd. lab. data:

Qual. water data: type:

Quant. water data, type: _____

Freq. sampling: ☐ Pumpage inventory: ☐ yes
no, period: _____ 76 ☐

Aperture cards: 73 75 77

Log data: _____

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 200 ft 200 Meas. 200 24 6

Depth cased:
(first perf.)

(C) (F) (G) (H) (J) (P) (S) (T) (W) (X) (B)
BOROUS STAVE W. STAVE W. bar:z appn perf screen ad nt shordz ongn 44.4

Finish:	porous		gravel w. gravel w. noise		open		peri., screen, su. pt., snored		open		other	
	concrete, (perf.)		(screen), gallery, end,						hole,			
Method	(A)	(B)	(C)	(D)	(H)	(J)	(P)	(R)	(T)	(V)	(W)	(B)

Drilled: air bored cable, dug, hyd jetted, air reverse trenching, driven, drive
rot, rot., percussion, rotary, wash, other

Date: 1958-64? 9 5 8 Drilled: _____ Pump intake setting: _____ ft

Driller: Milt Coggins, Phoenix, Az

Lift (A) (B) (C) (J) (L) (M) (N) (P) (R) (S) (T) (U) ☒ Deep ☐ Shallow
(type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other
(cent.) (turb.)

Power	nat	LP	39	40
(type): diesel, elec	gas, gasoline, hand,	gas, wind: H.P.	Trans. of	meter no.

ft. 1500 - Alt. MP

Descr. nr _____ at below USD, Nat. nr _____
 Alr. USD: 1235 [] 1235 Accuracy: 7000 man 47 4

Alt. LSD: 1255 43 43 (source) 1255 map

Water 100-125 above above 100

Assessment: Reported

Level	55-75	below MP; Ft	below	LSU	40	51	Accuracy	100%	100%
Date	53	53	Weld						Method

meas: _____ yield: _____ gpm _____ determined _____
_____ Pumping _____

Drawdown: _____ ft. Accuracy: _____ period _____ hrs.

QUALITY OF WATER DATA _____

WATER DATA: Iron ppm 69 Sulfate ppm 70 Chloride ppm 71 Hard. ppm 72

Sp. Conduct K x 10³ Temp. °F sampled

Taste, color, etc. Reported good quality

Well No.

(B-31-19)33 aca
(unsurveyed)

Well No. (B-31-19)33aca
(unsurveyed)

Latitude-longitude 30 02 06 @ 114 19 24

HYDROGEOLOGIC CARD

NAME AS ON MASTER CARD Basin & Range Province: 2:2 Section: Mex Highland

Drainage Basin: D Subbasin: 30

(D) depression, stream channel, dunes, flat, hilltop, sink, swamp.
Top of well site: (S) offshore, pediment, hillside, terrace, undulating, valley flat T

MAJOR Aquifer: Quat-Tert. Pliocene-Pleistocene Alluvium A

Lithology: Gravelly siltstone Origin: Fluvial Thickness: 2 ft

Length of well open to: 33 ft Depth to top of: 33 ft

MINOR Aquifer: 33 aquifer, formation, group 33 Thickness: 33 ft

Lithology: 33 Origin: 33 Thickness: 33 ft

Length of well open to: 33 ft Depth to top of: 33 ft

Intervals Screened: 33

Depth to consolidated rock: 33 ft Source of data: 33

Depth to basement: 33 ft Source of data: 33

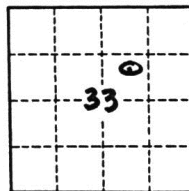
Surficial material: 33 Infiltration characteristics: 33

Coefficient Trans: 33 gpd/ft Coefficient Storage: 33

Coefficient Perm: 33 gpd/ft²; Spec cap: 33 gpm/ft; Number of geologic cards: 33

First well at Temple Bar.
Was drilled by early owner
of concession. Reported
to be "adequate to supply
concession". Mr. Norris
Gaylor, from whom info was obtained
was owner of concession prior to
present owner.

Quality reported to be good.
Present owner tried to remove jet
pump, but it became stuck fast.



Well No.

(B-31-19)33aca
(unsurveyed)

GPO 869-261



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
From: **ACTING** 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

UR copy
EM

MAY 18 1966

A2623-BLW

Memorandum

To: Assistant to the Secretary, Orren Beaty, Jr.

From Acting Director

Subject: Request for permission to construct pipeline and to connect to National Park Service water supply by cabin owners at Temple Bar, Lake Mead, Nevada

To the best of our knowledge, we do not have a written request from cabin owners at Temple Bar, Lake Mead National Recreation Area, to build a pipeline and connect to the National Park Service water supply.

The standard lease granted to cabin owners states specifically that the Government does not agree nor is it obligated to furnish roads, utilities, water, or any facilities whatever. It further states that the lessee may arrange to obtain any water needs to carry out the purpose of the lease in compliance with all applicable laws and with the approval of the Superintendent. The policy of the National Park Service has been to deny any requests for such utility services and to encourage community cooperative action. At Katherine, the lessees, with the encouragement and approval of the Park Service, have established their own water system, which is functioning very well.

Acceptance of a Temple Bar pipeline by the National Park Service would obligate the Service to supply water to the lessees, to maintain the pipeline, and to set and collect proper water charges.

Visitation to the Temple Bar area has increased considerably and will continue to increase. For instance, April 1966 visitation was 39,350, three times as great as in April 1965. The concessioner has expanded his facilities and will expand them further. As a result, the present water supply, which was increased last year by drilling a second well, is inadequate during the summer months. The present use of water by the lessees, which was extended to them as a courtesy about six or seven years ago when the area was first developed, is estimated to be about 30 thousand gallons per month but if the homes were to be connected directly to the Park Service system, this use

could be expected to rise to one or two million gallons per month. In view of the public need for water in the area, which is increasing at a rate of about four million gallons annually, we cannot meet this substantial private demand.

The National Park Service believes the Temple Bar lessees should provide, operate, and maintain their own water supply in accordance with the conditions of their leases. The Service is willing to cooperate with the lessees, insofar as possible, to assist in this matter.

A. CLARK STRATTON

cc:
FW
Superintendent, Lake Mead

Regional Director, Western
Chief, Office of Land and Water Rights, SSC

SLW
Mr. Reed - SLWW

EWReed:JEP:ljc 5-16-66

OPTIONAL FORM NO. 10
MAY 1962 EDITION
GSA GEN. REG. NO. 27

5010-107

UNITED STATES GOVERNMENT

Memorandum

TO : Director, ~~National Park Service~~ *DC*

May 5 7 48 AM '66
DATE: April 29, 1966

FROM : Orren Beaty, Assistant to the Secretary

SUBJECT:

I need to be brought up-to-date on:

Jecker
Price
Price

1. The bridge and access road to Tuzigoot National Monument, and
2. The Glen Canyon tramway and marine concession -- are we ready to award the contract yet?
3. And a new one -- a number of cabin owners at Temple Bar in the Lake Mead Recreation area want to build and give to NPS a two-inch water line to serve their cottages. As Chuck Richey probably knows, all these people now have their own individual tanks and water has to be hauled from the NPS tank 500 or 600 feet away. As I understand it, they attempted to get permission to build this line earlier and were turned down, and are now willing to pay the full expense and be billed for the water they use if an agreement can be worked out.

OB

Orren Beaty



Buy U.S. Savings Bonds Regularly on the Payroll Savings Plan

Ward

Form 10-114
(Rev. Oct. 1961)

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

W. Reed
(2) Cont.

Re Mead
Corresp.

SPECIAL USE PERMIT

Lake Mead National Recreation Area
(Area)

Peter Kiewit Sons' Company, of **1000 Kiewit Plaza, Omaha, Nebraska** is hereby authorized during the period from **November 1**, 19 **65** to **October 31**, 19 **66**, to use the following-described land in the above-named area: **strip not to exceed twenty (20) feet in width and approximately four (4) miles long as delineated on attached Exhibit "A".**

for the purpose of **installing a six (6) inch water line for use in connecting Arizona Highway 200 (Interstate Highway 8, I-8) to 39 - 1 (7) and FLN-2(3)**

subject to the conditions on the reverse hereof and attached pages and to the payment to the Government of the United States of the sum of **twenty** Dollars (\$ **20.00**), in advance **annually** (Monthly, semiannually, etc., or as follows: _____)

payment to be made to the Superintendent by Express or Postal Money Order, Certified Check, or Draft payable to the National Park Service, or Cash.

Issued at **Boulder City, Nevada** this **2nd** day of **November**, 19 **65**

Signed: **Ralph R. Ramsey**
Acting Superintendent

The permittee shall be bound by the terms, conditions, obligations, and reservations, expressed or implied, therein.

WITNESSES TO SIGNATURES		PERMITTEE (SIGNATURE)	
NAME	ADDRESS	NAME	ADDRESS
Signed: Ott McDaniel	Peter Kiewit Sons' Company	PETER KIEWIT SONS' COMPANY	
Boulder City, Nevada		BY: Signed: James L. Knight	
Barrel L. Hambleton	James L. Knight	James L. Knight	
700 Elm Street	Project Superintendent	Project Superintendent	
Boulder City, Nevada			

APPROVED: (If approval is required by higher authority)

NAME	TITLE	DATE

*Signatures of parties to a body of permit, for departmental purposes should sign as "members of firm"; for corporation, the officer authorized to execute contracts, etc., should sign, with title; the sufficiency of such signature being attested by the Secretary, with corporate seal, in lieu of witnesses.

(This copy for the Bureau of Lands, Washington)

Page 1

L-540BL

#2?

April 22, 1959

Memorandum

To: Regional Director, Region Three
From: Superintendent, Lake Mead NRA
Subject: Water Right Docket No. 11, Temple Bar, Lake Mead.

We are enclosing one copy of the "well drilling log" for the well drilled under Account No. 333.15. This well is the only source of water for the entire development at Temple Bar. The entire water system to which this well is attached was constructed under Contract No. 14-10-304-301 with Ace Heating and Plumbing Company of St. George, Utah.

The enclosed log was requested by Mr. A. Van V. Dunn in his memorandum to you dated April 10, 1959.

Charles A. Richey
Superintendent

Enclosure

B/Cy: ✓ P. W. Blair

EAR/sba

L54-CBL

October 22, 1958

Memorandum

To: Regional Director, Region Three
From: Chief, Water Resources Section
Subject: Water Rights, Dockets 9, 10 and 11, Lake Mead

With copies of this memorandum we are distributing folders for the subject dockets as follows:

Docket No. 9 Boulder Beach

PART I - Domestic Supply
No contents

PART II - Irrigation System
1. Drawing 6979 - Irrigation Study
2. Table with gross and net areas of irrigation and water demand at 5 and 8 AF/Acre/annum

Docket No. 10 Katherine Area

1. Drawing 6980 - Irrigation Study
2. Table with gross and net areas of irrigation and water demand at 5 and 8 AF/Acre/annum
3. Water System Completion Report of 1/24/58

Docket No. 11 Temple Bar Area

1. Drawing 6981 - Irrigation Study
2. Table with gross and net areas of irrigation and water demand at 5 and 8 AF/Acre/annum

Also attached are three extra prints of Drawing 6979, 6980, and 6981. The drawings have been prepared for interim record and study purposes. The extra prints are for you to refer to the office which can supply the corrections and extras needed for water right applications, of which a part will be either in narrative form, or preferably on the standard forms which should be obtained from the State Engineer of Nevada, and Water Division of Arizona Land Department.

WESTERN OFFICE	
DESIGN & CONSTRUCTION	
OCT 27 1958 A.M.	
CHIEF	
ADMINISTRATIVE	
PERSONNEL	
PLANS & SPEC.	
SALES	
ACCOUNTS	
ENGINEERING	
LABORATORY	
RECORDS	
TRAINING	
ALLOCATION DATE	

As a result of my testimony in Arizona vs. California, we should expedite the filing of water claims. I am also interested in determining the extent to which the ultimate water demand for all areas in each state may agree with or exceed the estimates to which I testified. An unnumbered and undated work order under Account 1441035 (0343), General Ledger Account 102.4 should be prepared and submitted for approval as soon as engineering personnel can be provided by one of the three offices to whom the dockets are sent.

The first problem is to get the areas located by sections, with ties to section corners, and complete the plans and descriptions of the existing and proposed one or more water systems. These descriptions should include pump units, pump lifts and gradients, and sizes and capacities of the pipelines and any ditches.

We also need the estimated ultimate water demands for domestic, irrigation, and other purposes, with justifications based on permanent and transient population, net irrigated areas and water demand per acres per year of irrigation, and demands for any other purposes which are not included under these two purposes.

The irrigated areas are given by units A, B, C, etc., and the net areas has been determined by deducting roads, buildings and such spaces from the gross outlined areas. I visited the Boulder Beach area just after testifying in May, and decided that I may have been unduly conservative in the irrigation estimates I gave for 1966 and 1975, because I did not realize how much the irrigated area had been developed since my last previous trip. However, the thriving trees also give a deceptive idea of possibly excessive irrigated areas because they hang over the paved areas. If possible, we should tabulate the annual amount of water which has actually been used on the areas which are now under irrigation, and divide the amounts by the portions of net areas which have already been irrigated, to obtain a unit value for the other areas which are not yet developed.

It may be well to have a preliminary exchange of ideas on this program before estimates are completed as work orders. I shall appreciate comments on any other features which come to your mind.

We do not have to consider the municipal supply at Boulder Beach except as the records can supplement the shorter records for the irrigation well.

A. van V. Dunn
Chief, Water Resources Section

Attachments 12

August 1958

LAKE MEAD - TEMPLE BAR - IRRIGATION STUDY					
Location	Gross Area	Net Irrigation Area	% of Gross Area to be Irrigated	@ 5 AF/A/an	@ 8 AF/A/an
A. NPS Resi- dential	5.58 acres	3.00 acres	54%	15.00	24.00
B. Visitor Center	1.78 acres	.41 acres	23%	2.05	3.28
C. Campground	10.56 acres	7.44 acres	70%	37.20	59.52
D. Trailer Camp & Cabin Area	11.16 acres	4.44 acres	40%	22.20	35.52
E. Concession Cafe, Store, Apartments	.85 acres	.60 acres	71%	3.00	4.80
F. Concession & NPS Utility	2.36 acres	1.66 acres	70%	8.30	13.28
G. Lodge Area	5.04 acres	3.39 acres	67%	16.95	27.12
H. Overnight Accomm.	6.78 acres	3.27 acres	48%	16.35	26.16
I. Vacation Homesites	20.91 acres	10.45 acres	50%	52.25	83.60
TOTAL	65.02 acres	34.66 acres	53%	173.30 AF	277.28 AF

154-CBL

W R G
[Signature]

October 22, 1958

Memorandum

To: Regional Director, Region Three
From: Chief, Water Resources Section
Subject: Water Rights, Dockets 9, 10 and 11, Lake Mead

With copies of this memorandum we are distributing folders for the subject dockets as follows:

Docket No. 9 Boulder Beach

PART I - Domestic Supply
No contents

PART II - Irrigation System
1. Drawing 6979 - Irrigation Study
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Docket No. 10 Katherine Area

1. Drawing 6980 - Irrigation Study
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Docket No. 11 Temple Bar Area

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It may be well to have a preliminary exchange of ideas on this program before estimates are completed as work orders. I shall appreciate comments on any other features which come to your mind.

We do not have to consider the municipal supply at Boulder Beach except as the records can supplement the shorter records for the irrigation well.



A. van V. Dunn
Chief, Water Resources Section

Attachments 12

Copy to: Superintendent, Lake Mead, with 3 attachments
Chief, WODC, with 3 attachments

AvVDunn:let

~~Mr. Dunn~~

Region Three
Santa Fe, New Mexico

#5 1 & 2

u R Copy
L-54 C. J.

Memorandum

To: Director
From: Regional Chief of Lands
Subject: Location of Wells; Temple Bar Area, Lake Mead

On April 10, Acting Regional Director Bill transmitted copies of his memorandum to the Superintendent, Lake Mead (L-11,17) inquiring if it would be possible for the survey crew working at Lake Mead to locate the wells drilled in the Temple Bar area.

We have attached copies of Acting Superintendent Super-
naugh's memorandum of April 17 advising that Mr. Harding is working
in the vicinity of the well and will tie the well to his survey
line so that it can be accurately located. The legal description,
when received, will be transmitted to your office. No additional
expense will be incurred in tying the well to control points on
the ground.

JOHN E. KELL
John E. Kell
Regional Chief of Lands

In duplicate

Attachment

Copy to: Supt., Lake Mead



UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Boulder City, Nevada

IN REPLY REFER TO:

L-1417

April 17, 1957

Memorandum

To: Regional Director
From: Acting Superintendent
Subject: Location of Wells; Temple Bar Area

As suggested in Acting Regional Director Bill's memorandum of April 10 we have contacted Cadastral Surveyor Donald E. Harding in regard to location of the well drilled in the Temple Bar area.

Mr. Harding is working in the vicinity of the well and stated he would be glad to tie the well to his line survey so that it can be accurately located.

We shall submit the legal description when it is given to us by Mr. Harding. There will be no expense incurred in the survey.

William R. Supernaugh
William R. Supernaugh
Acting Superintendent

MR. DIRECTOR
ASST. REG. DIRECTOR
CHIEF DIV. OF ADMIN.
CHIEF DIV. OF OPERATIONS
CHIEF DIV. OF INSP.
CHIEF DIV. OF CO-OP. ACT.
FIELD SOLICITOR
<i>[Signature]</i>
ACTION TAKEN
FILE

Docket Information

Number of Documents in Docket 23
Documents Dated from 4/17/1957 to 6/9/1982
Docket Compiled: 6/2/2016