



WATER-RIGHT DOCKET

Lake Mead National Recreation Area

Docket No: 29

TEMPLE BAR WELL #4

Preliminary Docket Information

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

DATE: July 3, 1979

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 SW $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ (Inactive)
- 2) T31N R19W Sec. 33 NE $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ (Inactive)
- 3) T31N R19W Sec. 33 SW $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ (Secondary Source)
- 4) T31N R19W Sec. 32 NE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ (Active, yielded 185 gpm)
- 5) T31N R19W Sec. 32 NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ (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.

Completed by T. Kern

Approved by _____

P. _____



WESTERN REGION

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 2014-2015 Cherry

Howard H. Chapman
Regional Director, Western Region

Enclosures

See attached sheet for bcc's

Rosley Information		Indexd
Regional Office		S 8-96
Registration Unit	-4507	
Departure Registration		
Cabinmentation		
Park Operations	M.L.	
Plant & Maintenance		
Drip Feed		
Construction Material		
E&E		
Over Size		
Austin Tabor		

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 the
notification to the State in the interest
of equity, and does not concede that the
State has power to regulate the rights of
the United States to the use of water.

REGISTRATION FEE (CHECK ONE)

EXEMPT WELL (NO CHARGE) ☐

NON-EXEMPT WELL - \$10.00 ☒

FOR OFFICE USE ONLY

REGISTRATION NO. 55- 629085

FILE NO. B(31-19)32 ada

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)
- a. The well is located within the NE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$, Section 32
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 _____
- The principal use(s) of water (Examples: irrigation - stockwater - domestic - municipal - industrial)
Public supply, domestic, 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)
a. Depth of Well 200 feet
b. Diameter of casing 12 inches
c. Depth of casing N/A feet
d. Type of casing steel
e. Maximum pump capacity greater than 35** gallons per minute.
f. Depth to water 89 feet below land surface.
g. Date well completed June 1967
(Month) (Day) (Year)
- The place(s) of use of water. If same as Item 3, check this box ☐

Lake Mead National Recreation Area - Temple Bar #4
Attach additional sheet if necessary.
- DATE JUN 3 1982 SIGNATURE OF REGISTRANT _____
** Exact pumpage rate not available

(Sgd) Gerard S. Witucki

GERARD S. WITUCKI
CHIEF DIVISION OF WATER RESOURCES

CHANGE OF WELL INFORMATION

Registration Number 55 629085

I request the following information be changed in Well File Number B(31-19)32 ada

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	
1982 MANAGEMENT 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.

WAS EXP. (GW)
Apr 11 1966

WR#11

Well No.

(R-31-19/22)

nsurveyed)

WELL SCHEDULE

WATER RESOURCES DIVISION

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

MASTER CARD

Record by: W. J. ... Source of data: USGS Date: 6-21-67 Map: Vermin Basin

State: Arizona County (or town): Maricopa

Latitude: 33° 6' 20" S Longitude: 111° 42' 01" W Sequential number: 19

Lat-long accuracy: 3" S, 1" E, 19" W, Sec 32, NE 1/4, S 1/4 Grid 504 R-10

Local well number: 31 Other well number: 8 & H

Local use: CHILL Owner of name: National Park Service

Owner or name: 31 Address: Phoenix, Arizona

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

Use of well: (A) (B) (C) (D) (E) (F) (H) (I) (M) (N) (P) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) (AA) (AB) (AC) (AD) (AE) (AF) (AG) (AH) (AI) (AJ) (AK) (AL) (AM) (AN) (AO) (AP) (AQ) (AR) (AS) (AT) (AU) (AV) (AW) (AX) (AY) (AZ) (BA) (BB) (BC) (BD) (BE) (BF) (BG) (BH) (BI) (BJ) (BK) (BL) (BM) (BN) (BO) (BP) (BQ) (BR) (BS) (BT) (BU) (BV) (BW) (BX) (BY) (BZ) (CA) (CB) (CC) (CD) (CE) (CF) (CG) (CH) (CI) (CJ) (CK) (CL) (CM) (CN) (CO) (CP) (CQ) (CR) (CS) (CT) (CU) (CV) (CW) (CX) (CY) (CZ) (DA) (DB) (DC) (DD) (DE) (DF) (DG) (DH) (DI) (DJ) (DK) (DL) (DM) (DN) (DO) (DP) (DQ) (DR) (DS) (DT) (DU) (DV) (DW) (DX) (DY) (DZ) (EA) (EB) (EC) (ED) (EE) (EF) (EG) (EH) (EI) (EJ) (EK) (EL) (EM) (EN) (EO) (EP) (EQ) (ER) (ES) (ET) (EU) (EV) (EW) (EX) (EY) (EZ) (FA) (FB) (FC) (FD) (FE) (FF) (FG) (FH) (FI) (FJ) (FK) (FL) (FM) (FN) (FO) (FP) (FQ) (FR) (FS) (FT) (FU) (FV) (FW) (FX) (FY) (FZ) (GA) (GB) (GC) (GD) (GE) (GF) (GG) (GH) (GI) (GJ) (GK) (GL) (GM) (GN) (GO) (GP) (GQ) (GR) (GS) (GT) (GU) (GV) (GW) (GX) (GY) (GZ) (HA) (HB) (HC) (HD) (HE) (HF) (HG) (HH) (HI) (HJ) (HK) (HL) (HM) (HN) (HO) (HP) (HQ) (HR) (HS) (HT) (HU) (HV) (HW) (HX) (HY) (HZ) (IA) (IB) (IC) (ID) (IE) (IF) (IG) (IH) (II) (IJ) (IK) (IL) (IM) (IN) (IO) (IP) (IQ) (IR) (IS) (IT) (IU) (IV) (IW) (IX) (IY) (IZ) (JA) (JB) (JC) (JD) (JE) (JF) (JG) (JH) (JI) (JJ) (JK) (JL) (JM) (JN) (JO) (JP) (JQ) (JR) (JS) (JT) (JU) (JV) (JW) (JX) (JY) (JZ) (KA) (KB) (KC) (KD) (KE) (KF) (KG) (KH) (KI) (KJ) (KK) (KL) (KM) (KN) (KO) (KP) (KQ) (KR) (KS) (KT) (KU) (KV) (KW) (KX) (KY) (KZ) (LA) (LB) (LC) (LD) (LE) (LF) (LG) (LH) (LI) (LJ) (LK) (LL) (LM) (LN) (LO) (LP) (LQ) (LR) (LS) (LT) (LU) (LV) (LW) (LX) (LY) (LZ) (MA) (MB) (MC) (MD) (ME) (MF) (MG) (MH) (MI) (MJ) (MK) (ML) (MM) (MN) (MO) (MP) (MQ) (MR) (MS) (MT) (MU) (MV) (MW) (MX) (MY) (MZ) (NA) (NB) (NC) (ND) (NE) (NF) (NG) (NH) (NI) (NJ) (NK) (NL) (NM) (NN) (NO) (NP) (NQ) (NR) (NS) (NT) (NU) (NV) (NW) (NX) (NY) (NZ) (OA) (OB) (OC) (OD) (OE) (OF) (OG) (OH) (OI) (OJ) (OK) (OL) (OM) (ON) (OO) (OP) (OQ) (OR) (OS) (OT) (OU) (OV) (OW) (OX) (OY) (OZ) (PA) (PB) (PC) (PD) (PE) (PF) (PG) (PH) (PI) (PJ) (PK) (PL) (PM) (PN) (PO) (PP) (PQ) (PR) (PS) (PT) (PU) (PV) (PW) (PX) (PY) (PZ) (QA) (QB) (QC) (QD) (QE) (QF) (QG) (QH) (QI) (QJ) (QK) (QL) (QM) (QN) (QO) (QP) (QQ) (QR) (QS) (QT) (QU) (QV) (QW) (QX) (QY) (QZ) (RA) (RB) (RC) (RD) (RE) (RF) (RG) (RH) (RI) (RJ) (RK) (RL) (RM) (RN) (RO) (RP) (RQ) (RR) (RS) (RT) (RU) (RV) (RW) (RX) (RY) (RZ) (SA) (SB) (SC) (SD) (SE) (SF) (SG) (SH) (SI) (SJ) (SK) (SL) (SM) (SN) (SO) (SP) (SQ) (SR) (SS) (ST) (SU) (SV) (SW) (SX) (SY) (SZ) (TA) (TB) (TC) (TD) (TE) (TF) (TG) (TH) (TI) (TJ) (TK) (TL) (TM) (TN) (TO) (TP) (TQ) (TR) (TS) (TT) (TU) (TV) (TW) (TX) (TY) (TZ) (UA) (UB) (UC) (UD) (UE) (UF) (UG) (UH) (UI) (UJ) (UK) (UL) (UM) (UN) (UO) (UP) (UQ) (UR) (US) (UT) (UU) (UV) (UW) (UX) (UY) (UZ) (VA) (VB) (VC) (VD) (VE) (VF) (VG) (VH) (VI) (VJ) (VK) (VL) (VM) (VN) (VO) (VP) (VQ) (VR) (VS) (VT) (VU) (VV) (VW) (VX) (VY) (VZ) (WA) (WB) (WC) (WD) (WE) (WF) (WG) (WH) (WI) (WJ) (WK) (WL) (WM) (WN) (WO) (WP) (WQ) (WR) (WS) (WT) (WU) (WV) (WW) (WX) (WY) (WZ) (XA) (XB) (XC) (XD) (XE) (XF) (XG) (XH) (XI) (XJ) (XK) (XL) (XM) (XN) (XO) (XP) (XQ) (XR) (XS) (XT) (XU) (XV) (XW) (XX) (XY) (XZ) (YA) (YB) (YC) (YD) (YE) (YF) (YG) (YH) (YI) (YJ) (YK) (YL) (YM) (YN) (YO) (YP) (YQ) (YR) (YS) (YT) (YU) (YV) (YW) (YX) (YY) (YZ) (ZA) (ZB) (ZC) (ZD) (ZE) (ZF) (ZG) (ZH) (ZI) (ZJ) (ZK) (ZL) (ZM) (ZN) (ZO) (ZP) (ZQ) (ZR) (ZS) (ZT) (ZU) (ZV) (ZW) (ZX) (ZY) (ZZ)

DATA AVAILABLE: Well data 31 Freq. W/L meas.: 12/1/71 Field aquifer char. 71

Hyd. lab. data: 72

Qual. water date: type: ON FILE 73

Freq. sampling: 12/1/71 74 Pumpage inventory: yes no period: 75

Aperture cards: 76 77

Log data: 78

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well: 200 ft

Depth casing: 20 ft

Depth: 23 ft

Meas. rept accuracy 24

ft 25 26 27 28 29 30

ft 31 32 33 34 35 36 37 38 39 40

Casing type: steel

Diam. 12 in

(C) (P) (G) (H) (R) (S) (T) (W) (X) (Y) (Z)

Finish: porous gravel, v. horis. open

concrete, (neg.) (screen) (bore), and

Method (A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z)

Drilled: air, bored, cable, dug, hyd jacked, air reverse trenching, driven, drive wash, other

rot., percussion, rotary,

Date

Drilled: 6- - 67

Pump intake setting: 125 (Pumping) ft

Driller: Phelps Pump Co. Los Vegas, Nev

Lift name address

(type) (A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) Deep

(type) air, bucket, cent, jet, multiple, (cent.) (turb.) none, piston, rot, submerg, turb, other 39 Shallow 40

Power nat LP Trans. of

(type) diesel, elec, gas, gasoline, hand, gas, wind; H.P. meter no.

Descript. MP TOP of C55-1 1 ft below LSD. Alt. MP

Alt. LSD: 1230

Accuracy: (source) Right

Water

Level 89 ft above MP; Ft below LSD

Accuracy: 157

Date

meas: June 21 67

Yield: 200 gpm

Method determined

Drawdown: 50 ft

Accuracy: 157

Pumping period 3 hrs

QUALITY

WATER DATA: Iron ppm Sulfate ppm Chloride ppm Hard. ppm

Sp. Conduct K x 10⁶ 73 Temp. 75 °F 74 76 Date sampled 77 78

Taste, color, etc. None

* yield 185 Gpm Feb 17-72

HYDROGEOLOGIC CARD

Well No. B-21-19) 32ada

Latitude-longitude 36° 11' 40" N 114° 20' 20" W

Physiographic Province: Bosch & House Section: Mar. Highland

Basin: Colorado River Subbasin: Virgin

Topo of well site: (D) ☒ (E) ☒ (F) ☒ (H) ☒ (K) ☒ (L) ☒
 (G) ☒ (P) ☒ (S) ☒ (T) ☒ (U) ☒ (V) ☒
 offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: Tertiary Pliocene Mud. Creek Fan

Lithology: Sand & gravel Origin: Fluvial Aquifer Thickness: ft

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

MINOR AQUIFER: system series aquifer, formation, group

Lithology: ft Origin: ft Aquifer Thickness: ft

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

Intervals Screened:

Depth to consolidated rock: ft Source of data: ft

Depth to basement: ft Source of data: ft

Surficial material: ft Infiltration characteristics: ft

Coefficient Trans: 20,000 gpd/ft Coefficient Storage: ft

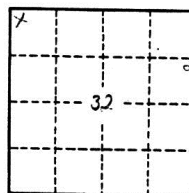
Ferm: ft spd/ft²; Spec cap: 6 gpm/ft; Number of geologic cards: ft

6-21-67 FIRST WATER SAMPLE

2-17-72 WATER SAMPLE COLLECTED

During peak visitation periods yield and water level drop to as low as 50 GPM and 125 feet below land surface, respectively.

Higher yields are obtainable at higher stands of Lake Mead, although the water pumped is of better quality than water from the lake.



Well No.

(B-21-19) 32ada



878-7221

LS4

#4

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
P.O. BOX 4070
TUCSON, ARIZONA 85717

IN REPLY REFER TO:

Softin

☐ Supt.	☐ Read
☐ Ch. Rg.	☐ Reply
☐ Ch. Nat.	☐ File
☒ Maint.	☒ 8/7/3
☒ Arch.	☒ 10/3
☐ Spec.	☐
☐ Asst.	☐
☐ Insp.	☐
☐ Liaison	☐

DP

June 28, 1967

Mr. Charles A. Richey, Superintendent
Lake Mead National Recreation Area
National Park Service
Boulder City, Nevada 89005

Re: Temple Bar (Lake Mead) well site

Dear Mr. Richey:

Craig Bentley, of our Phoenix subdistrict office, conducted an aquifer test on June 21, 1967, on the Temple Bar well in the Lake Mead National Recreation Area. The well is in the NW $\frac{1}{4}$ section 32, T.31 N., R.19 W., Mohave County, Arizona. The test data are as follows:

Duration of test	6 $\frac{1}{2}$ hours
Maximum sustained yield	300 gpm
Static water level below land surface	88 feet
Maximum drawdown at 300 gpm discharge	45 feet
Pumping water level below land surface	133 feet
Specific capacity	6.7 gpm/ft drawdown
Coefficient of transmissibility	20,000 gpd/ft
Water temperature	75° F

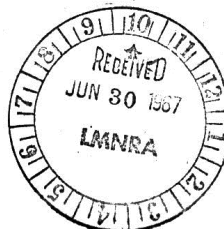
The results of the test indicate that the permeability of the aquifer is moderately low, but is probably sufficient to sustain a 300 gpm well for several years. A sample of the water was collected for chemical analysis, which will be sent to you when available.

This completes our work on the Temple Bar well as outlined in our letter of January 30, 1967.

Sincerely yours,

H. M. Babcock
For H. M. Babcock
District Chief

cc. Phoenix subdistrict



Ne	012	County	018	Lat.		Long.		Seq. No.		Date	06/21/67	Samp. depth	4
Remarks	Drilled 6-67, rotary. Depth of well 200' Producing intervals: 88'-200' Water level static: 98' B.S. Sampled after pumping 3 hrs. Yield 300 gpm meas. Used for public supply. Arsenic analysis performed by M.S.G.S. in Albuquerque UOVIDE (1165, 1169, 1169) Stk. Abs. 1.0 1.108 2.5 0.573 4.0 0.268 1/2" Abs. 1.5 0.460 2.5 0.920 Mist ABC Date began _____ Date transmitted 9-29-67 Filed by _____ Verified _____												
B	_____ ml 26 28												
I	_____ ml 29 31												
Alk. as CaCO ₃	32 35 36 38												
Free CO ₂	36 38 39 41												
SAR	39 41 42 44												
RSC	42 44 45 47												
Organics	MBAS (ABS) _____ ml 45 47												
Arsenic	u.s.g.s. Lab No Trace Albuquerque 48 50 51 54												
a Master card A (21-34) b Master card A (52-66) c 1. Type: Pumped 4. Select 2. Bucket 5. Baller 3. Pallet 6. Special d Source data: 5. Industrial 1. USGS 6. Private 2. UPHS 7. Educational 3. State Health 7. Educational													
e Indicate constituent and card column. Card S 80													

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
9/21/81

Davis
Reg. Dir.
9/22

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

VR
Gm

MAY 18 1966

A2623-SLW

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

FROM : Orren Beaty, Assistant to the Secretary

SUBJECT:

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

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

- Justen*
Brice
Brice
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. 1963

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Re Mead Correspondence

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, 1965 to October 31, 1966, 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 Department Roadway No. MC 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, 1965

Signed: Ralph R. Ramsey
Acting Superintendent

The undersigned hereby accepts this permit subject to the terms, conditions, obligations, and reservations, expressed or implied, therein.

TWO WITNESSES TO SIGNATURES		PERMITTEE (SIGNATURE)	
NAME	Signed: <u>Ott McDaniel</u>	NAME	<u>PETER KIEWIT SONS' COMPANY</u>
ADDRESS	<u>Box 611</u> <u>Boulder City, Nevada</u>	ADDRESS	<u>BY: Signed: James L. Knight</u>
NAME	<u>Garret L. Templeton</u>	NAME	<u>James L. Knight</u>
ADDRESS	<u>700 Elm Street</u> <u>Boulder City, Nevada</u>	ADDRESS	<u>Project Superintendent</u>

APPROVED: (If approval is required by higher authority)

NAME	DATE	DATE

*Sign name or names as written in body of permit. 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 Branch of Lands, Washington)

Page 1

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	
ADMIN. ASST.	
PERSONNEL	
PLANNING & DES.	
SAFETY	
ARCHITECT	
ENGINEER	
LAND	
RECORDS & COMM.	
ACTION - 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 14X1035 (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 those 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

W R L
L54-CBL

October 22, 1958

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A. van V. Dunn
Chief, Water Resources Section

Attachments 12

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

AvVDunn:let

~~Mr. Dunn~~

Docket Information

Number of Documents in Docket 22

Documents Dated from 8/15/1958 to 6/9/1982

Docket Compiled: 6/2/2016