



WATER-RIGHT DOCKET

Lake Mead National Recreation Area

Docket No: 28

TEMPLE BAR WELL #3

Preliminary Docket Information

07-03-1979: 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.

Compiled by T. Kern

Approved by _____



United States Department of the Interior

NATIONAL PARK SERVICE

WESTERN REGION

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

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,

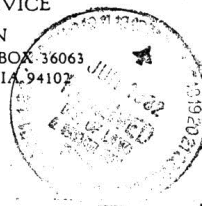
FOR *[Signature]*

Howard H. Chapman
Regional Director, Western Region

Enclosures

See attached sheet for bcc's

RMR



Rocky Mountain	Index
Regional Office	5/2/82
Administrative	
Planning	
Public Relations	
Records Management	
Training	
Other	
Approved	

*See Dockets for
SAGO, CO20*

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

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

Declaration: The United States give-
notification to the State in the 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-	629084
FILE NO.	B(31-19)33 acc
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:
35-
(File Number) (Control Number)
- The well is located within the SW $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$, Section 33, of Township 31 N N/S, Range 19 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)
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)
 - Depth of Well 250 feet
 - Diameter of casing 12 inches
 - Depth of casing 130 feet
 - Type of casing steel
 - Maximum pump capacity greater than 35 ** gallons per minute.
 - Depth to water 120 feet below land surface.
 - Date well completed July 10, 1965
(Month) (Day) (Year)
- The place(s) of use of water. If same as Item 3, check this box ☐
 $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$, Section 31 Township 31 N Range 19 W
 $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$, Section 32 Township 31 N Range 19 W
Lake Mead National Recreation Area - Temple Bar #3
Attach additional sheet if necessary.
- DATE JUN 3 1982 SIGNATURE OF REGISTRANT (Sgd) Gerard S. Witucki
** Exact pumpage rate not available
GERARD S. WITUCKI
FIELD REPRESENTATIVE

CHANGE OF WELL INFORMATION

Registration Number 55- 629084

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

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 SUBMITTAL RECEIVING 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.

Supporting Hydro Data

1642B
C. 68)

Well No. (B-31-19)33 acc 2
(unsurveyed)

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

MASTER CARD

Record by R. Lancy Source of data Driller's report Date Feb 18-72 Map Virgin Basin Nev-Ariz

FIELD CHECKED State Ariz County Mohave Sequential number 08

Latitude: 36 01 58 N Longitude: 114 19 32 W

Lat-long accuracy: 1 31 0 S, R 19 0 Sec 33, 5th 4, SW 1/4, NE 1/4, Gila & Salt R.

Local well number: B-31-19 33 Acc 2 Other number:

Local use: CH 1 Owner or name: National Park Ser.

Owner or name: Boulder City, Nev.

Ownership: County, ☒ Fed Gov., City, Corp or Co, Private, State Agency, Water Dist F

Use of: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind P S, Rec,

Water: Stock, Instit, Unused, Recharge, Desal-P S, Desal-other, Other P

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed W

DATA AVAILABLE: Well data 4 Freq. W/L meas.: Field aquifer char.

Hyd. lab. data:

Qual. water data: type: ON FILE

Freq. sampling: Pumpage inventory: yes no Period:

Aperture cards: yes no

Log data: Driller's D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 250 ft 250 Meas. Driller 3

Depth cased: 130 ft 130 Casing Steel Diam. 12 in 12

Finish: porous gravel w. gravel v. horiz. open well, screen, sd. pt., shored, open well, concrete, (perfor.), (screen), gallery, end,

Method: (A) (B) (C) (D) (H) (J) (P) (R) (T) (V) (W) (X) (Y) (Z) C

Drilled: 7-10-65 9:65 Pump intake setting: ft

Driller: S.R. McKinney & Sons Inc 1042 S. Main, Boulder City, Nev

Lift: (A) (B) (C) (J) multiple, multiple, none, piston, rot, submers, turb, other S D

Power: (type): diesel, elec gas, gasoline, hand, gas, wind, H.P. TRANS. OF meter no.

Descript. MP ft above below LSD, Alt. MP

Alt. LSD: 1280 1280 Accuracy: Topo map 4

Water Level: 120 ft 120 Accuracy: Driller's log 5

Date: 6-1965 Yield: 35 gpm 8.5 Method: determined 3

Drawdown: 55 ft 55 Accuracy: Driller Pumping period: hrs

QUALITY OF WATER DATA: Iron Sulfate Chloride Hard.

Sp. Conduct K x 10⁶ Temp. °F Date sampled

Taste, color, etc.

Well No. (B-31-19)33 acc 2
(unsurveyed)

Well No. (B-31-19)33 acc 2
(unsurveyed)

Latitude-longitude 36 01.58^N 114 19.32^W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: Basin & Range Section: Mex Highland

Drainage Basin: 7 Subbasin: 22

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) (F) (H) (K) (L) (V) valley flat

MAJOR Aquifer: Quaternary Fluvial 0.4

Lithology: Gravelly siltstone 9.1 1.20 1.30 1.30

MINOR Aquifer: 9.1 1.20 1.30

Intervals Screened: 9.1 1.20 1.30

Depth to consolidated rock: 9.1 1.20 1.30 Source of data: 64

Depth to basement: 9.1 1.20 1.30 Source of data: 65

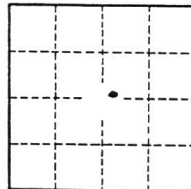
Surficial material: 9.1 1.20 1.30 Infiltration Characteristics: 72

Coefficient Trans: 9.1 1.20 1.30 Coefficient Storage: 76 77

Perm: 9.1 1.20 1.30 Spec cap: 9.1 1.20 1.30 gpm/ft; Number of geologic cards: 79

Water sample taken Mar 1-72
T=26° C

This is one of 3 wells used by the Park Service to supply water for the facility at Temple Bar, Ariz. The well is pumped only at periods of peak visitor visitation.



Well No. (B-31-19)33 acc 2
(unsurveyed)

CASING RECORD

GENERAL INFORMATION—Pumping Test, Quality of Water, Etc.

WELL DRILLER'S STATEMENT

ted July 19 1965

(Not to be filled in by Driller)

Form 10-174
(June 1967)UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Work Order No.

4:602:211703

FACE SHEET FOR COMPLETION REPORT

Park Lake Mead National Recreation Area	Region Western	Fund Symbol 14X1035
Location in Park Temple Bar	State(s) Arizona	Year Programmed 1966
☒ Contract and/or ☒ Day Labor	County or Counties Mohave	PCP No. U-195-1
Work Order Title Water System Expansion, Lake Intake, 100,000 gal. reservoir		Master Plan No. 2109-F
		Master Plan Corrected By None
		As Built Drawings By None
		Date Started 7/10/68
		Date Completed 9/24/69

DESCRIPTION OF FIXED ASSETS
(For completion by employee in charge of project)TOTAL COSTS
(For completion by FFO)

230 Utility Systems: Water

Water well #2, 250 ft. with 8" ID casing, and 80 gpm pump; water well #3, 200' with 12" casing, and 300 gpm pump; 9'x9' concrete block pumphouse; 2,740 lin. ft. of 8" class 150 asbestos cement water line; (reservoir 100,000 gallons); all with appurtenant valves, starting & control equipment.

\$102,815.27

JV 940 10-40

APR 20 1970

TOTAL

\$ 119,265.71

DISTRIBUTION		THE FIXED ASSET DESCRIBED ABOVE HAS BEEN COMPLETED IN ACCORDANCE WITH APPROVED DRAWINGS, SPECIFICATIONS, AND AUTHORIZED CHANGES	
No.	To	Submitted By:	Title:
1	WASO	<i>Melvin E. Barlow</i>	Ass't Chief of Pk. Maint.
2	WRO	By: <i>Melvin E. Barlow</i>	Date: 2/13/70
1	WSC	Approved By: <i>James R. Brotherton</i>	Title: Acting Ass't Superintendent
1	LAME	By: <i>James R. Brotherton</i>	Date: 2/13/70
		COSTS VERIFIED BY: <i>S. Toledo</i>	Title: Accountant
			Date: 4/20/70

WASO

11360

Form 10-174A
(June 1962)UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICEWork Order Number
4:602:211703

COMPOSITION OF COST FOR COMPLETION REPORT

Fund Symbol
14X1035Park
Lake Mead National Recreation AreaRegion
WesternYear Programmed
1966

Location in Park

Temple Bar, Arizona

Work Order Title

Water System Expansion, Lake Intake, 100,000 Gallon Reservoir

COMPOSITION OF COST

COSTS CHARGED TO FUNDS ALLOTTED TO FIELD FINANCE OFFICE

(1) Personal Services.....	\$ 658.83	
(2) Travel.....		
(3) Contract Work	101,865.69	
(4) Supplies and Materials.....	82.82	
(5) Other Direct Expenses.....	194.53	
(6) Operation of Equipment.....		
(7) Depreciation of Equipment.....	13.40	
(8) Purchase of Construction Equipment.....		
(9) Purchase of Other Accountable Equipment		
(10) Other Costs:		
(11) TOTAL COST CHARGED TO FFO FUNDS	xxxxxxxxxx	\$ 102,815.27
OTHER COSTS:		
(12) PS&S, AP, and/or Facilitating Services @ 16 %.....	\$ 16,450.44	16,450.44
(13) Inventory and Other Non-Fund Costs		
(14) GROSS WORK ORDER COSTS	xxxxxxxxxx	\$ 119,265.71
LESS:		
(15) Residual Value of Construction Equipment on Line 8	\$	
(16) Other Credits		
(17) NET COST OF FIXED ASSETS	xxxxxxxxxx	\$ 119,265.71

Identify other costs and other credits by line item entry, on an attached schedule, or explain in narrative.



Narrative

Authority: Work Order No. 4:602:211703

PCP U-195-1

Purchase Order payment

Construction of well No. 2, pump and appurtenant equipment, Temple Bar,
Lake Mead NRA

Administration: Bids were opened on June 11, 1965 for drilling of the well with only one bid received in the amount of \$3,695 and was awarded to S. R. McKinney on June 14, 1965. The well was drilled to depth and bail tested at 50 gpm. Three quotations were obtained for the pump and motor with award going to Patrick R. Thompson at \$2,190. The work was inspected and received by Lake Mead personnel.

Contract problems: None

Recommendations: None

Quality of Work: Both firms tendered satisfactory work resulting in construction of a usable unit.

Appraisal of contractors: Good



Narrative

Authority: Work Order No. 4:602:211703
Water System Expansion, Lake Intake, 100,000 Gallon Reservoir,
Temple Bar
PCP U-195-1

Contract No. 14-10-3-602-14 awarded to TAB Construction, Inc. for the constructions of roads, parking area and utilities, Lake Mead National Recreation Area.

Contract Administration: Notice to Proceed issued April 6, 1967. Change Order No. 1 issued July 29, 1967 deleting well screen and adding perforated casing and gravel packing. Change Order No. 2 issued August 9, 1967 adding 3600 lineal feet of waterline and control cable. Change Order No. 4 issued November 2, 1967 extending the completion date to November 16, 1967. Change Order No. 6 issued November 22, 1967 included a time extension to December 21, 1967. Change Order No. 7 issued December 22, 1967 extending the completion date to January 12, 1968.

Change Orders Nos. 1, 3, 5 and 6 pertained to work included in the same contract but authorized by other work orders. The Release of Claims signed by the contractor was returned on January 19, 1968. The final contract amount was \$472,401.67 of which \$80,195.69 was authorized by Work Order No. 4:602:211703. All work was completed on or before the extended completion date. Therefore there were no liquidated damages.

Contract Problems: None

Recommendations: None

Quality of work: All work was completed in accordance with the plans and specifications and is entirely acceptable. Workmanship is good, a completely usable unit was constructed.

Appraisal of Contractor: Cooperation was excellent. Efficiency of operation was good. It is recommended that this contractor be considered for contract on future contracts.



NARRATIVE
Pumphouse Temple Bar

Authority: Work Order No. 4:602:211703
PCP U-195-1

Contract No. 14-10-7-971-142
Construction of Pumphouse and Appurtenant Equipment, Temple Bar,
Lake Mead National Recreation Area

Contract Administration: A contract was awarded to Knowlton H. Brown Construction Company on July 11, 1968 in the amount of \$15,360. The Notice to Proceed was issued on July 5, 1968. The Notice of Beginning Date was issued on July 12, 1968 establishing November 7, 1968 as the contract completion date. There was one change order with a total increase of \$1,000 and extending the completion date to December 7, 1968. All work was substantially complete on December 6, 1968. The Letter of Acceptance was issued on December 20, 1968. The Release of Claims was signed with no exceptions by the contractor on February 4, 1969. The final contract amount was \$15,785.

Contract problems: None

Recommendations: None

Quality of Work: Quality of work was fair. A completely usable unit was constructed.

Appraisal of contractor: Good

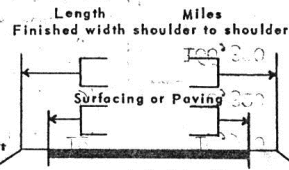
WALD

Form 10-411
(Rev. 2/62)UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

PROJECT CONSTRUCTION PROPOSAL

1. Statement of requirements, proposed work and construction data, justification, etc. (Use additional sheets as necessary.)

Due to the limited supply available from the well, a lake supply is necessary. This will entail placing an intake system in the lake and pumping the water to a reservoir, which also must be expanded in size to meet the demand placed on the system. The system will have a float and pump, a hydraulic hose, hookup boxes and an 8" main line. A complete treatment plant will be necessary and a 4" x 1" water meter. Electrical controls will be necessary to regulate the water in the existing reservoir and an additional 200,000 gallon reservoir.



Study of the existing system indicates it will not meet the demand placed on it.

2. Land Status (if Govt.-owned, what agency), Water Rights, Research, Etc.

Government owned - National Park Service

3. PCP Data Prepared by (Name, Title & Date) <i>E. W. Blair</i> 2/4/64 Supv. Civil Engineer		4. Cross-reference PCP's to this Project: PCP numbers of previously completed portions:		6. CLASS A ESTIMATE	
		5. Construction by: Day Labor ☐ Contract ☒		Construction..... \$ 138,000	
		Work supervised by: Park ☐ Reg. ☒ Design Office ☒		Plans, Surveys, 12% 19,980	
				Contingencies... 5% 8,320	
				SUB TOTAL 166,300	
				Exhibits, Audio-Visual Installations, etc.....	
				GRAND TOTAL \$ 166,300	
7. DISTRIBUTION OF COPIES		8. Recommended by Park Office (Signature, title, date)			
No. To		<i>Charles A. Richey</i>		J 50,000	
5 SWRO		Charles A. Richey, Superintendent		J 2/3/64	
5 SWRO		Approved by Regional Office (Signature, title, date)		J 20,000	
5 SWRO		<i>George W. Muller</i>		J 2/28/64	
5 SWRO		Acting Regional Director		J 20,000	
5 SWRO		10. Reviewed by D&C Field Office (Signature, Title, Date)		J 50,000	
5 SWRO		<i>Paul J. Barber</i>		J 50,000	
5 SWRO		Supervisory Construction Management Engineer, WODG		MAR 2 5 1964	
11. Location within Area or Termini		12. Master Plan No.		13. Bldg. or Rt. # and Sec.	
Tempe Bar, Arizona		NRA-IM-2109-F		5,000	
14. Region	15. Park				
S.W.	Lake Mead National Recreation Area				
16. Project		Mohave		17. PCP Index No.	
Water System Expansion		(County)		U-195-1	
Lake Intake and complete water treatment plant		Arizona		18. P. S. & S. by	
		(State)		BPR ☐ NPS ☒	

U-195-1

FY-1966
Lake Mead

CLASS ☒ (A) - Estimate based on working drawings
 CLASS ☐ (B) - Estimate based on preliminary plans
 CLASS ☐ (C) - Estimate based on similar facilities in other parks

19. ESTIMATE		Quantity	Cost
Item			
10' x 10' Flotation Unit	1	2,000	
6" Hydraulic hose	400'	4,000	
350 G.P.M. Centrifugal Pumps	2	6,000	
Concrete hookup boxes	17	12,750	
8" C.I.M.J. Water Main	3500'	23,625	
8" C.A. Water Main	1300'	8,450	
2 wire electrical control	5000'	1,500	
Complete water treatment plant	1	50,000	
4" x 1" Compound water meter	1	1,500	
Connection to existing line	1	1,000	
200,000 gallon steel reservoir	1	25,000	
Construction		135,825	
Facilitatin Services		2,175	
Total Construction		138,000	
Estimate Totals			
Construction		\$	138,000
Plans, Surveys, and Supervision.....12%		\$	19,980
Contingencies.....5%		\$	8,320
SUB TOTAL		\$	166,300
Exhibits, Aud.-Vis. Installations, Etc.....		\$	
GRAND TOTAL		\$	166,300

26199

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 *Sen 12*

September 21, 1981

Witucki
Mills 9/21
Kilgore 9/21
Davis *9/22*
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

VR
RM

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
SLW

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

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

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:

*just
free
hice*

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

W.A.

Form 10-114
(Rev. Oct. 1958)UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

This permit consists of _____

PERMIT NO. 3:02:002	EXPIRES 10/31/66
PREVIOUS PERMIT NO. None	

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 Routes 2, 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

This permit is subject to the terms, conditions, obligations, and reservations, expressed or implied, therein.

WITNESSES TO SIGNATURES		PERMITTEE (SIGNATURE)	
NAME	Signed: <u>Ott McDaniel</u>	NAME	<u>PETER KIEWIT SONS' COMPANY</u>
ADDRESS	<u>Box 411</u>	NAME	<u>BY: Signed: James L. Knight</u>
NAME	<u>Boulder City, Nevada</u>	NAME	<u>James L. Knight</u>
ADDRESS	<u>700 Elm Street</u>	ADDRESS	<u>Project Superintendent</u>
NAME	<u>Boulder City, Nevada</u>	ADDRESS	
APPROVED: (If approval is required by higher authority)			
NAME	TITLE	DATE	

*Sign names or names of witnesses in body of permit. For corporation, permittees should sign as "members of firm"; for corporation, the officer authorized to execute contract, 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)

L54-GEL

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	
PLANS & SPEC.	
SALES	
ARCHITECT	
ENGINEER	
LAND	
RECORDS	
TRAINING	
ALTERN. DIS. 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

L54-OBL

W R C
C

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(SIGNED)

A. van V. Dunn
Chief, Water Resources Section

Attachments 12

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

AvVDunn:1ct

~~Mr.~~ Dunn

Docket Information

Number of Documents in Docket 28

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

Docket Compiled: 6/2/2016