



WATER-RIGHT DOCKET

Saguaro National Park

Docket No: 19

HEADQUARTERS WELL NO. 2

Preliminary Docket Information

05-29-1979: water right/source docket information: headquarter's well no. 2

WATER RESOURCES/WATER RIGHT

DATE: May 29, 1979

WATER RIGHT/SOURCE DOCKET INFORMATION

REGION Western AREA Saguaro National Monument
SITE Headquarter's Well No. 2
STATE Arizona COUNTY Pima DOCKET NO. WR#6
LOCATION SW 1/4 NW 1/4 Section 31, T14S R16E, G&SRB&M
REGIONAL BASIN Colorado LOCAL BASIN Santa Cruz
ACQUIRED BY Well located off the Monument; land upon which well was drilled was purchased.
APPLICATION PERMIT CERTIFICATE
ACTION DUE PRIORITY RESERVATION March 1, 1933
QUANTITY 1,560,000 gallons per year USE Domestic and recreation
STATUS Active SOURCE Groundwater (Well)

REMARKS This water source is within Hydrologic Basin Unit No. 15050302

NARRATIVE:

Saguaro National Monument consists of two separate areas, designated Rincon Mountain Unit (the eastern portion) and the Tucson Mountain Area (the western portion). The Rincon Mountain Area was established by proclamation on March 1, 1933. The Tucson Mountain Unit was similarly created on November 15, 1961.

After testing by the USGS determined that Baker Well No. 2 would be incapable of supplying the necessary amount of water to the Headquarters Area (see WR#1), the Park Service decided to drill a new well. Headquarter Well No. 2 was drilled near Baker Well No. 2 after the required forms, including a Notice of Intention to Drill Well, were filed with the State of Arizona. The specific location of the new well was NW 1/4 NW 1/4 Section 31, T14S, R16E, and was on land not originally within the authorized boundaries of the Monument. This land was purchased by the United States from the Tucson Chamber of Commerce on December 31, 1951. The Report of the Well Driller, filed with the State on May 11, 1964, showed that the well was completed on March 17, 1964, to a depth of 500 feet. Water level was found to be 246 feet below land surface datum.

Headquarters Well No. 2, as of July 11, 1975, was the primary water source for the headquarters area of the Rincon Mountain Unit, Saguaro National Monument. Average water use was 1,560,000 gallons per year. Note: There have been no filings with the State to perfect a water right for this source, nor will the Reservation Doctrine apply to it.

2.96 gpm/yr average

For purposes of applying for a Grandfathered Groundwater Right under the new Arizona Groundwater Act of 1980, wells need to have pumps with a maximum of over 35 gpm. All wells with 35 gpm pumps and for which the water is used for non-irrigation purposes are EXEMPT.

Baker Well #2 has a maximum pump capacity of 18 gpm according to a phone conversation with Mr. Iverson at the Park on March 24, 1981. This well is exempt and there is no need to file for a Grandfathered Groundwater Right.

James H. Hershey, April 2, 1981

Compiled by Ernesto Molina

Page 1 of 1

Approved by _____



**STATEMENT OF CLAIMANT FORM
FOR
DOMESTIC USE**

For Departmental Use Only

File No. 39- 78816Date Filed: 11-2-87

WFN _____

UPPER SANTA CRUZ RIVER WATERSHED

SUPERIOR COURT OF MARICOPA COUNTY

1. Claimant Name: United States of America, National Park Service (Saguaro NM)
 Claimant Address: Western Regional Office, P.O. Bx 36063 City San Francisco
 State: Ca. Zip Code 94102 Telephone (415) 556-8660

2. Basis of Claim:

- A. ☐ Appropriation Right acquired prior to June 12, 1919. 1974 Water Rights Registration Act Registry No. _____
- B. ☐ Appropriation Right acquired after June 12, 1919. Application No. _____, Permit No. _____, or Certificate of Water Right No. _____
- C. ☐ Decreed water right. Principal litigants, court, date and case no.: _____
- D. ☒ Right to withdraw groundwater.
- E. ☐ Other, describe: _____

3. Claimed Priority Date: March 17, 1964 (month/day/year)

4. Source of Water:

- A. ☐ Stream: name _____, tributary to _____
- B. ☐ Spring: name _____, tributary to _____
- C. ☐ Lake or Reservoir: name _____, tributary to _____
- D. ☒ Groundwater

5. A. Legal description of the Point of Diversion:

County Pima, Section 31, Township 14 S, Range 16 E

Legal Subdivision:

SW $\frac{1}{4}$, NW $\frac{1}{4}$, NW $\frac{1}{4}$ of the Section

B. Legal Description of Place of Use: (one of the following)

County Pima, Section 29, Township 14 S, Range 16 ENW $\frac{1}{4}$, SW $\frac{1}{4}$, SW $\frac{1}{4}$ of the Section, or

Parcel I.D. _____, or

Subdivision Name _____ Block No. _____ Lot No. _____

6. If there are Irrigation, Stockpond or Other Uses supplied from the point of diversion, describe: _____

7. Means of Diversion:

- A. ☐ Instream pump.
- B. ☐ Gravity flow into ditch, canal or pipeline.
- C. ☒ Well: Arizona Department of Water Resources Well Registration No. 55- 629106 *Headquarters Well No. 2*
- D. ☐ Other, describe: _____

8. Number of persons see below or dwellings _____ served by this use.
9. Annual Volume Claimed: 3.4 acre-feet
10. It may be necessary for a representative from the Department of Water Resources to inspect the place of use and diversion. Your signature following will grant permission to enter your property for the purpose of inspection: Signature of Claimant _____
11. Should it be necessary for a representative of the Department to contact you as the claimant or your representative, are there any special instructions regarding time of day or address to aid in locating the specified person? Work days (415) 556-1036

12. Additional comments: Well provides water for 3 houses, 1 office, 1 maintenance shop and a Visitor Center. Persons served include 25 employees and up to 600,000 visitors annually. Water is also used in Section 32 (NW1/4 NW1/4) at other Park facilities.

(attach additional sheet if required)

13. Attach Filing Fee to Form. Mail form(s) and fee(s) to: Department of Water Resources, P.O. Box 2920, Phoenix, AZ 85062.

14. Notarized Statement:

I (We), John D. Cherry, on behalf of the United States of America, the claimant(s) named in this claim, do hereby certify under penalty of perjury, that the information contained and statements made herein are to the best of my(our) knowledge and belief true, correct and complete.



My Commission Expires:

March 26, 1989

John D. Cherry 10/28/87
Subscribed and sworn to before me this 28th day of October, 1987.

Witness my hand and official seal.

Mary E. Meredith
Mary E. Meredith Notary Public

or,
Authorized Personnel of the Department of Water Resources

filed
11/2/87

SUPERIOR COURT OF MARICOPA COUNTY, ARIZONA

IN THE MATTER OF THE APPLICATION OF THE UNITED STATES OF AMERICA FOR
RESERVED AND APPROPRIATED WATER RIGHTS IN THE UPPER SANTA CRUZ RIVER
GENERAL ADJUDICATION.

I. Name and address of Applicant:

United States of America
c/o National Park Service
Western Regional Office
P.O. Box 36063
450 Golden Gate Avenue
San Francisco, CA 94102

II. The United States of America hereby claims water rights in those portions of the National Monuments described below which are encompassed by this adjudication. The United States claims reserved rights under the legislation which designates or enlarges the areas known as Saguaro National Monument and Tumacacori National Monument. The United States further claims additional water rights under state law for whatever purposes might have been added by the designation of portions of Saguaro National Monument as wilderness areas.

A. Saguaro National Monument.

1. Reserved Water Rights. (See Exhibits SAGU #1a and #1b.)

- a. Purpose. To secure favorable conditions of water flow; to preserve objects of scientific interest; to secure the benefits of wilderness; and to provide for the administration of and visitation to the monument. (Exhibits SAGU #2, #3, #4, #5, and #6.)
- b. Sources. All surface and ground water sources including rivers, perennial and intermittent streams, springs, seeps, lakes, pools, tinajas, confined and unconfined aquifers and other natural sources of water on and under lands reserved from the public domain.
- c. Locations of Current Diversions and Uses on Reserved Land.

1) Legal description of the current points of diversion

- a) Kenner Well -- NW 1/4 SW 1/4 SW 1/4, Section 4, T 15S, R 16E, G&SRB&M.
- b) Manning Camp Spring -- NE 1/4 SE 1/4 SE 1/4, Section 30, T 14S, R 17E, G&SRB&M.
- c) Madrona Pack Base Well -- NW 1/4 SW 1/4 SE 1/4, Section 4, T 15S, R 17E, G&SRB&M (Registration No. 55-629099).

- d) Tucson Mountain Park Well -- SW 1/4 SW 1/4 SW 1/4, Section 34, T 13S, R 11E, G&SRB&M (Registration No. 55-629094).
 - e) North Slope-Section 25 Well -- NE 1/4 SE 1/4 NW 1/4, Section 25, T 13S, R 11E, G&SRB&M (Registration No. 55-629097).
 - f) Pictured Rocks Road-Section 7 Well -- NE 1/4 SE 1/4 NW 1/4, Section 7, T 13S, R 12E, G&SRB&M (Registration No. 55-629096).
- 2) Legal description of the current places of use. The legal descriptions listed in II.A.1.c.1) represent the places of use for the listed points of diversion.
 - 3) Current purposes of use. The current purposes of use are those identified in II.A.1.a. above.
 - 4) Water requirements. See II.A.1.e. below.
- d. Dates of Priority. (See Exhibits SAGU #1a and #1b.) July 19, 1907, for lands reserved by Presidential Proclamation No. 27 (Exhibit SAGU #2); April 29, 1929, for lands reserved by Recreational Withdrawal No. 21 (Exhibits SAGU #7 and #8); March 1, 1933, for lands reserved by Presidential Proclamation No. 2032 (Exhibit SAGU #3); November 15, 1961, for lands reserved by Presidential Proclamation No. 3439 (Exhibit SAGU #9); October 20, 1976, for lands reserved by the Act of that date (Exhibit SAGU #6); and October 21, 1976, for lands reserved by the Act of that date (Exhibit SAGU #10).
- e. Amount of Water Claimed:
- 1) Surface and ground water (non-consumptive). The United States of America claims, except as provided in subparagraphs 2) and 3) below, the right to that minimum amount of surface and ground water occurring on and under those portions of Saguaro National Monument reserved from the public domain which is necessary to fulfill the purposes described in II.A.1.a. above as follows. The government will (a) at the time of proof present evidence relating to the minimum amount of water necessary to fulfill such purposes, or (b) in the event recognized under state law, seek a decree of an unquantified reserved right, permitting a general right to enjoin users of a junior priority that may adversely affect or injure the purposes of the reservation, or to enjoin users as otherwise permitted under state law.

- 2) Quantifiable present and future administrative uses (consumptive). The United States of America claims the right to divert and use 19 AF/annum from surface and ground water sources for picnic areas, visitor centers, concessions and other visitor-use areas; park administration facilities, shop, maintenance and storage facilities, ranger stations, entrance stations, visitor contact stations, employee residences, and attendant facilities; lawns surrounding park buildings and structures and other public-use areas to offset heavy human impact; construction of roads and trails; revegetation activities; and waste water treatment facilities.
- 3) Non-quantifiable present and future administrative uses (consumptive). The United States of America claims the right to use non-quantifiable amounts of water for controlling and suppressing wildfire and structural fires.

2. Appropriative Water Rights. The United States of America claims water rights under Arizona state law for beneficial purposes in Saguaro National Monument as follows (see certificates attached).

- a. Red Hills Section 36 Well -- Registration No. 55-629095.
- b. Lockyer Well -- Registration No. 55-629098.
- c. CCC Well -- Registration No. 55-629100.
- d. Freeman Drilled Well -- Registration No. 55-629101.
- e. Freeman Dug Well -- Registration No. 55-629102.
- f. Genemata Well -- Registration No. 55-629103.
- g. Old Superintendent's Well -- Registration No. 55-629104.
- h. Baker Well #2 (Headquarters Supply Well) -- Registration No. 55-629105.
- i. Headquarters Well No. 2 -- Registration No. 55-629106.
- j. Greene Well -- Registration No. 55-629107.

B. Tumacacori National Monument.

1. Appropriative Water Rights. The United States of America claims water rights under Arizona state law for beneficial purposes in Tumacacori National Monument as follows (see certificates attached).

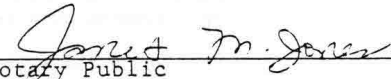
- a. Well No. 1 -- Registration No. 55-629109.
- b. Well No. 2 (Headquarters Well) -- Registration No. 55-629110.
- c. Well No. 3 -- Registration No. 55-629111.

III. Notarized Statement.

I, Patrick Barry, on behalf of the United States of America, National Park Service, the claimant named in this claim, do hereby certify under penalty of perjury, that I have read the information contained and statements made herein and to the best of my knowledge and belief they are true, correct and complete.


PATRICK BARRY
Attorney, Department of Justice

Subscribed and sworn to before me this 2nd day of November, 1987.


Notary Public

My Commission Expires:

11-12-87

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

REGISTRATION FEE (CHECK ONE)
EXEMPT WELL (NO CHARGE) ☒
NON-EXEMPT WELL - \$10.00 ☐



FOR OFFICE USE ONLY
REGISTRATION NO. 55- 629106
FILE NO. D(14-16)31166
FILED 6-9-82 AT 1:30
(DATE) (TIME)
INA _____
AMA TJN

- Name of Registrant:
National Park Service, Western Region, Division of Water Resources
450 Golden Gate Avenue, Box 36063 San Francisco, CA 94102
(Address) (City) (State) (Zip)
- File and/or Control Number under previous groundwater law:
D (14-16) 31 W 1/2 L, 1 NW 1/4 NW 1/4 35-
(File Number) (Control Number)
- a. The well is located within the SW 1/4 NW 1/4 Section 31,
of Township 14 S N/S, Range 16 E E/W, G & SRB & M, in the
County of Pima.
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 500 feet
b. Diameter of casing 6 inches
c. Depth of casing 500 feet
d. Type of casing steel -- perforated 300-370 & 400-500 ft. below land surface datum
e. Maximum pump capacity not more than 35 gallons per minute.
f. Depth to water 240.3 feet below land surface.
g. Date well completed March 17, 1964
(Month) (Day) (Year)
- The place(s) of use of water. If same as Item 3, check this box ☐
SW 1/4 NW 1/4 Section 29 Township 14 S Range 16 E
1/4 1/4 Section _____ Township _____ Range _____
Saguaro National Monument (Rincon Mountain Unit) - Headquarters Well #2 (Baker Well #3)
Attach additional sheet if necessary.
- DATE JUN 3 1982 SIGNATURE OF REGISTRANT (Sgd) Gerard S. Witucki
GERARD S. WITUCKI
CHIEF, DIVISION OF WATER RESOURCES

CHANGE OF WELL INFORMATION

Registration Number 55 629106I request the following information be changed in Well File Number D(14-16)31 bbe

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.

Southwest Region
Santa Fe, New Mexico

L54
SAGU

State Land Commissioner
State Land Department
Water Rights Division
State Office Building
Phoenix 7, Arizona

Dear Sir:

We have enclosed as per your requirements copies of the Report of Well Driller for the well at Madrona Pack Base, File No. D(15-17)4 and at the Headquarters Area, File No. D(14-16)31. Both of the wells were drilled at Saguaro National Monument. In addition we are enclosing a copy of Well Logs on each well for your information.

We would appreciate it if you would send us conformed copies of these instruments for our files.

When the Report of Well Driller for the Tucson Mountain Park well is received we will forward it to your office.

Sincerely yours,

Daniel B. Beard
Regional Director

Enclosures

WBF:fields:jfd 5/7/64

cc: Superintendent; Saguaro ~~enc.~~ enc.

X

OBER M. LASSEN
STATE LAND COMMISSIONER
PHONE 271-4621

STATE LAND DEPARTMENT

STATE OF ARIZONA
STATE OFFICE BUILDING
PHOENIX 7, ARIZONA



February 11, 1964

United States of America
National Park Service
c/o Regional Director
P. O. Box 728
Santa Fe, New Mexico 87501

RECEIVED	
NPS SOUTHWEST REGIONAL OFFICE	
FEB 13 1964	
Surname	Date
Regional Director	
Cont., Interp & Use	
Administration	
Resource Management	
Public Affairs	
Program Coord.	
Operations	
Concessions	
Natural History	
Historic Archeology	
Ranger Service	

File No. D(14-16)31
W.L. 1 NW 1/4
xFields

Dear Sir:

This copy of Notice of Intention to Drill Well in Twp. 14 South , Rge. 16 East ,
Section 31 ~~W 1/2~~ Lot 1 1/4 NW 1/4 NW 1/4, is returned to you for your file. Also
enclosed are a:

WELL DRILLING CARD, which should be in the hands of the driller
before construction of the well is started;

REPORT OF WELL DRILLER form, which may be filled in by the
driller but which you should make sure is mailed to us after
completion of the well;

REPORT OF EQUIPMENT INSTALLED form, which shall be filled
in by you and sent to us after the installation of the pumping
equipment.

In the event it is necessary to change the location of the proposed well, you should
obtain the written permission of the State Land Commissioner before proceeding
with the drilling.

Very truly yours,

WATER DIVISION

By F. C. Ryan
F. C. Ryan, Supervisor

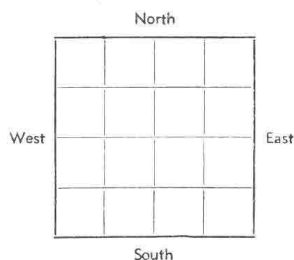
cc: USGS, Tucson
5-5-69

L54

W.D. FORM NO. G-300
REV. 5-20-57-6-58LAND DEPARTMENT
WATER DIVISION
STATE OF ARIZONA

NOTICE OF INTENTION TO DRILL WELL

This notice required under the provisions of Section 45-305, Arizona Revised Statutes by any person proposing to drill an irrigation or drainage well having a capacity of more than 100 gal. per min. outside of a critical area, or for the drilling of any well for the development and use of ground water both within and without a critical water area where a permit to drill is not required.

LOCATION OF
PROPOSED WELL

Indicate Well Location by Circle
(Above diagram represents one full section)

1. Twp. 14S.
2. Rge. 16E.
3. Section 31
4. W 1/2 Lot 1 $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$
10-acre subdivision

INSTRUCTIONS

Fill out both copies and mail to Water Division, State Land Department, Phoenix, Arizona.

Duplicate will be returned to landowner, lessee or Government land entryman together with a card for the well driller.

DESCRIPTION OF
PROPOSED WELL

5. Diameter 8 in. depth 400 ft.
6. Type of casing Steel
7. Estimated depth to water 260 ft.
8. Proposed use Municipal
9. Location of nearest operating irrigation well Unknown
10. Drilling will start about Jan. 1964
Month Year
11. Driller A. L. "Cotton" Boring
Name
1915 So. Wilson, Tucson, ARiz.
Address
12. Water will be applied to use about
July 1964
Month Year

20. This notice filed by:

Check one { Owner ☒
Lessee ☐
Entryman ☐

U.S. of America, National Park Service

Regional Director

P.O. Box 728, Santa Fe, N.M.
Address

PLACE OF
PROPOSED USE

13. Twp. 14S
14. Rge. 16E
15. Section 29 & 32
16. -----
Legal Description of Portion of Section to be Irrigated
17. Acres -----
United States of America
18. Owner National Park Service
Name
P.O. Box 728
19. Santa Fe, New Mexico 87501
Address

DO NOT WRITE IN THIS SPACE
OFFICE RECORDReceived 2-6-64 By KFiled 2-10-64 By K

Duplicate

Mailed 2-10-64 By KFile Number D(14-16)31

W 1/2 NW 1/4 NW 1/4

87501



6566

This card to be posted on or nearby the well rig during drilling operations.

State of Arizona
EXEMPTED WELL

NOTICE OF INTENTION TO DRILL AN EXEMPTED WELL HAS
BEEN FILED WITH THE STATE LAND COMMISSIONER BY

UNITED STATES OF AMERICA, NATIONAL PARK SERVICE - SANTA FE, N. M.

FOR PURPOSES OTHER THAN IRRIGATION OF AGRICUL-
TURAL LAND. WELL TO BE LOCATED IN

TWP. 14 South RGE. 16 East SEC. 31 W¹ 1 1/4 NW 1/4 NW 1/4

S E A L

WD FORM G-308

John C. Berger
DEPUTY STATE LAND COMMISSIONER

STATE LAND DEPARTMENT
Water Division
Phoenix 7, Arizona

IMPORTANT
PLEASE COMPLETE AND RETURN

Location of Well

NORTH

SOUTH

WEST EAST

(Indicate Well Location by a circle "o" in the above Section Plat)

File No. D(14-16)31
W₂L. 1 NW₄NW₄

REPORT OF EQUIPMENT INSTALLED

OWNER _____

LOCATION OF WELL:

✓ 1/4 1/4 1/4, Sec. _____ Twp. _____ Rge. _____

Date Well Completed: _____ Depth _____

1. Well Test:

Discharge: _____ Date Well Tested: _____
(Gal. Per Min.)

Method of Discharge Measurement: _____
(weir, orifice, current meter, etc.)

Static Water Level: _____ ft. Drawdown _____ ft.

Total Pumping Lift _____ ft.

2. Equipment Installed:

Kind of Pump: _____
(turbine, centrifugal, etc.)

Kind of Power: _____ H. P. Rating of Motor _____
(Elec., Nat. Gas, Etc.)

I HEREBY CERTIFY that all the above statements are true to the best of my knowledge and belief.

Signature _____

Date _____, 19____.

Address _____

WD Form G-306
10-57

Land History



Office of the Attorney General
Washington, D.C.

April 16, 1952

INTERIOR DEPT.
SECRETARY'S
MAIL CENTER

APR 23 1952

RON:PM

Honorable Oscar L. Chapman
Secretary of the Interior
Washington, D. C.

My dear Mr. Secretary:

A re-examination has been made of the title data relating to a certain tract of land, designated as Tract No. 31-7, Saguaro National Monument Project in Pima County, Arizona. This land was conveyed to the United States of America under the provisions of the Interior Department Appropriation Act, 1952 (Chapter 375, Public Law 136, 82d Congress), by the Tucson Chamber of Commerce, a corporation, under deed dated December 31, 1951, filed for record on January 29, 1952, and recorded among the land records of the county in Book 425 of Deeds at page 595. The file number of this Department is 33-3-172-2.

The land is described in the aforesaid deed, which recites a consideration of \$2,900.00.

The certificate of title, Order No. 104128, dated as of January 29, 1952, was prepared by the Tucson Title Insurance Company and is satisfactory.

The certificate, recorded deed, and accompanying data disclose valid title to be vested in the United States of America, subject to:

1. Rights of third persons, if any, under reservations contained in the patent from the United States of America.
2. Taxes for the year 1952, for the payment of which a sufficient amount has been deposited in your Regional Office.

873
D-7454
Thurman
4/14/52
JMD

4

- 2 -

3. Payment of the purchase price.

Your Department has advised that objection ~~will~~ not interfere with the contemplated use of the land.

The certificate of title, deed and related papers are enclosed.

Sincerely yours,

Philip B. Perlman
Attorney General

ccing

9

Supporting Hydro Data

LAND DEPARTMENT
WATER DIVISION
STATE OF ARIZONA

REPORT OF WELL DRILLER

IMPORTANT

PLEASE COMPLETE AND RETURN

This report should be prepared by the driller in all detail and filed with the State Land Commissioner following completion of the well.

1. OWNER..... UNITED STATES OF AMERICA NATIONAL PARK SERVICE
Name
c/o Regional Director - P. O. Box 728, Santa Fe, New Mexico
Address
2. Lessee or Operator.....
Name
Address
3. DRILLER..... A. L. "Cotton" Boring, 1915 So. Wilson, Tucson, Arizona
Name
Address
- ✓ 4. Location of well: Twp. 14 S Rge. 16 E Section. 31 ✓ SW 1/4 NW 1/4 NW 1/4
10-acre subdivision
5. Intention to Drill File No. D(14-16)31 W 1/2 L. 1 NW 1/4 NW 1/4 Permit No.

DESCRIPTION OF WELL

6. Total depth of hole..... 500.....ft.
7. Type of casing..... Steel.....
8. Diameter and length of casing..... 8 in. from 0 to 2951, 8 in. from 0 to 5001, ...in. from to
9. Method of sealing at reduction points..... None.....
10. Perforated from 500 to 370, from 400 to 500, from to, from to
11. Size of cuts..... 1/16" x 12"..... Number of cuts per foot..... Three (3).....
12. If screen was installed: Length..... None.....ft. Diam.....in. Type.....
13. Method of construction..... Drilled.....
drilled, dug, driven, bored, jetted, etc.
14. Date started..... Jan. 28 1964
Month Day Year
15. Date completed..... Mar. 17 1964
Month Day Year
16. Depth of water..... Two hundred forty-six (246) ft.
If flowing well, so state
17. Describe point from which depth measurements were made, and give sea-level elevation if available..... Measured
from ground level Elevation is 2950 feet
18. If flowing well, state method of flow regulation.....

19. REMARKS:

DO NOT WRITE IN THIS SPACE

OFFICE RECORD

Received..... 5-11-64 by..... K

Filed..... by.....

File No. D(14-16)31 W 1/2 L. 1 NW 1/4 NW 1/4

RECORDED 5-11-64

WD FORM G-301
REV. 4-27-53

(Well Log to Appear on Reverse Side)

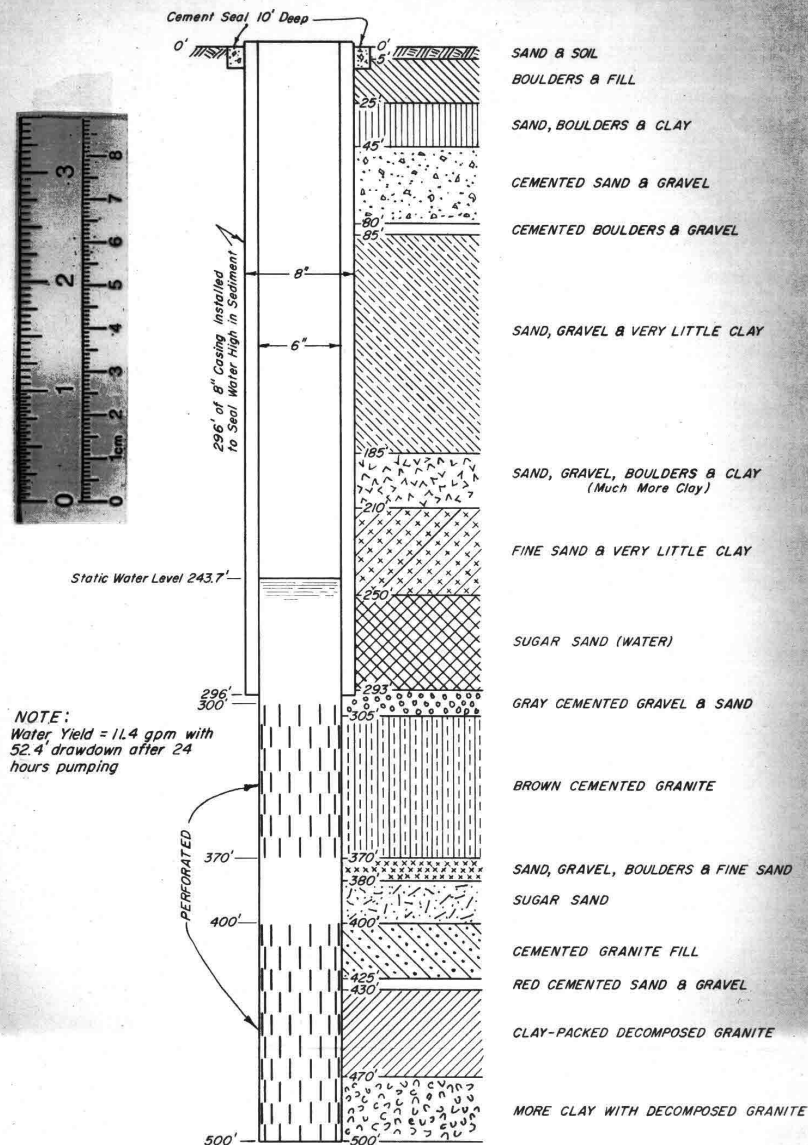
A. L. "Cotton" Boring
Well Drilling Contractor
1915 So. Wilson

Tucson, Ariz.—MA-38989 or MA-41897

LOG ON WELL FOR SAGUARO NATIONAL MONUMENT (D14-16)31
W¹/₂L. 1 NW¹/₄NW¹/₄

0 - 5 Sand & Soil
5 - 25 Boulders & Fill
25 - 45 Sand, Boulders & Clay
45 - 80 Cemented Sand & Gravel
80 - 85 Cemented Boulders & Gravel
85 - 185 Sand, Gravel & Very Little Clay
185 - 210 Sand, Gravel, Boulders & Clay (Much more clay)
210 - 250 Fine Sand & Very Little Clay
250 - 295 Sugar Sand (WATER)
295 - 305 Gray Cemented Gravel & Sand
305 - 570 Brown Cemented Granite
570 - 580 Sand, Gravel, Boulders & Fine Sand
580 - 400 Sugar Sand
400 - 425 Cemented Granite Fill
425 - 430 Red Cemented Sand & Gravel
430 - 470 Clay-Packed Decomposed Granite
470 - 500 More Clay With Decomposed Granite

A. L. "Cotton" Boring
A. L. "COTTON" BORING,
WELL DRILLING CONTRACTOR



NOTE:
Water Yield = 11.4 gpm with
52.4' drawdown after 24
hours pumping

Scale
Hor. 1 1/2" = 1 Ft.
Ver. 1" = 50 Ft.

WELL LOG

Headquarters Well No. 2 - File No. D(14-16)13 W 1/2 L. 1 NW 1/4 NW 1/4
Started January 28, 1964 & Completed March 17, 1964

By A.L. "Cotton" Boring
SAGUARO NATIONAL MONUMENT

BASIC DATA: Report of Well Driller A.L. "Cotton" Boring
5/11/64 By C. Arquero 5/21/64.

NM-SAG-7111

Other Supporting Information



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.

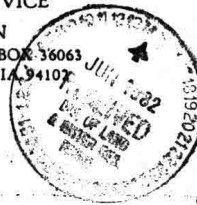
Sincerely yours,

FOR **John D. Chapman**

Howard H. Chapman
Regional Director, Western Region

Enclosures

See attached sheet for bcc's



Rocky Mountain	Initial
Regional Office	6/10
Regional Director	
Deputy Regional Director	
Administration	
Park Operations	ML
Plan & Resource Pres.	
Coop Prog	
Communications & P.A.	
EEO	
Oper Eval	
Action Taken	

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.



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



UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF THE SOLICITOR
SAN FRANCISCO FIELD OFFICE
450 GOLDEN GATE AVENUE, BOX 36064
SAN FRANCISCO, CALIFORNIA 94102

April 9, 1982

Memorandum

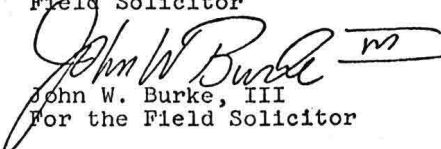
To: Regional Director, Western Region, National Park Service
From: Field Solicitor, San Francisco
Subject: Arizona Groundwater Management Act; Required Filings

This memorandum is a follow-up to several conversations which our office has had with members of your Water Resources Division on compliance with Arizona's Groundwater Management Act (1980). This act requires, inter alia, that all existing wells be registered with the State on or before June 12, 1982. ARS 45-593. While there is a legitimate question as to whether or not this provision applies to wells on Federal lands, the Department has taken the position that as a matter of comity, it will file notices of Federal reserved water rights with appropriate state agencies. See memorandum dated February 29, 1980, from Deputy Solicitor to Assistant Secretaries, Fish and Wildlife and Parks, and Land and Water Resources, "Guidance from the Department of Justice on Water Rights Filings." For Federal non-reserved water rights, the Department has taken the position that there is insufficient legal basis for the assertion of these rights and that State water law, both substantive and procedural, must be followed for claiming or asserting this type of water right. See memorandum dated September 11, 1981, from Solicitor to Secretary, "Non-Reserved Water Rights -- United States Compliance with State Law."

The consequence of the foregoing memoranda is that registration of existing wells on NPS lands should be made with the State before the June 1982 deadline either as a matter of comity or as a matter of procedural and substantive compliance with Arizona State law.

If our office can be of assistance in this matter, please do not hesitate to contact us.

Ralph G. Mihan
Field Solicitor


John W. Burke, III
For the Field Solicitor

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

RECEIVED			
DEPARTMENT OF WATER RESOURCES			
JAN 23 1982			
DATE	TIME	INITIALS	NAME
D			
BRUCE BABBITT, Governor			
WESLEY A. STEINER, Director			
1-0 27			
January 4, 1982			
PA			
MC			
EL			
PS			
20M			

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.

D5039 SWK

Saguaro NM
(D-14-16) 31 bbc 2
Headquarters Well #2
(Bakers Well #3)
Docket #6



Looking Southwest, Headquarters Well #2 (known as Baker Well #3 by park personnel) is located in the pumphouse that is partially hidden by Palo Verde (in bloom). This site is in the extreme southwest corner of this Park Service property that is not within the park's boundaries.

W. Reed
5/19/81



United States Department of the Interior

NATIONAL PARK SERVICE

WESTERN REGION

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

IN REPLY REFER TO:

L1425(WR)OL
SAGU
General

May 28, 1981

Memorandum

To: Field Solicitor, San Francisco
From: ^{ACTING} Regional Director, Western Region
Subject: Water Well Site, Saguaro National Monument

A 21.26 acre parcel located approximately one mile west of the western boundary of the Rincon Mountain Unit of Saguaro National Monument was acquired in 1952 by the Park Service from the Tucson Chamber of Commerce. This parcel contains the water well site for the Rincon Mountain Unit and serves as the primary water source for park operations.

We request your opinion as to whether the Park Service's continued right to this water will be jeopardized if this parcel continues to remain outside the authorized boundary of Saguaro National Monument.

(SGD) JOHN H. DAVIS

cc: Superintendent, SAGU
bc: (RW)WR, Witucki

8-261-3900
296-8576

Saguaro National Monument
Route 8, Box 695
Tucson, Arizona 85730
March 5, 1981

LI425 (WR) OL
SAGU General

Memorandum

To: Regional Director, Western Region
From: Saguaro National Monument
Subject: Acquired lands outside park boundary

The subject real property, consisting of 21.26 acres (Deed No. 5, Tract No. 00001), is located as described in the Pima County Records. The property is two miles west of the western boundary of the Rincon Mountain Unit of Saguaro National Monument. *Sec. 31 T. 14S. R. 16E-*

This property contains the water well site for this unit of the Monument and is essential, as it is the primary water source for park operations.

We recommend that your office assist this park by formally seeking legislative action to include this parcel of land within the official Monument boundaries, as a detached administrative site. It is our informal understanding that this authority might already exist under 60 Stat. 885-(8/7/46).

Your advice and counsel on how best to proceed would be welcome.

Ross R. Hopkins

Copy:
SOAR

← 4/23
all -
Anything you can do to
start action would be
super!
Ross

Southwest Region
Santa Fe, New Mexico

FEB 18 1964

LSH
SAGU

Memorandum

To: Superintendent, Saguaro
From: Assistant Regional Director, Resource Planning
**Subject: Well Documents, Test Well, Headquarters Area,
Saguaro National Monument**

We have filed a Notice of Intention to Drill Well with the State Land Office in Phoenix for the subject well.

In return they have sent us a duplicate copy of the Notice, a Well Drilling Card, A Report of Well Driller form and a Report of Equipment Installed Form.

We have prepared a docket for this well and called it Docket No. 6, Headquarters Area, and have inserted copies of the Notice of Intention to Drill Well and the Well Drilling Card. By copies of this memorandum we are sending these Dockets to the Director and Chief, WODC for their files.

In addition we have enclosed the original of the Well Drilling Card which should be posted on or nearby the well rig during drilling operations. Also enclosed is the original of the Report of Well Driller. You should have the well driller complete this form as soon as we have accepted the well. It should then be sent to this office for distribution and we will send it to the State Land Office.

We have retained the original of the Report of Equipment Installed and when the testing and equipment installation is complete we will complete this form and forward it to the State Land Office. A completed copy of this form will also appear in the docket.

(SIGNED)

Leslie P. Aruberger

Enclosure

cc: Director (2) u/docket
WODC (2) u/docket ✓

W O D C
FEB 20 '64

CHF	
ADM	
PERS	
P & P	
ARCH	
L.A.	
SPEC	
CONT	
SFTY	
ACTION TAKEN DATE	

File

SAGUARO

44-1-23-64

WRCOPY

Southwest Region
Santa Fe, New Mexico

JAN 16 1964

Mr. Obed M. Lassen
State Land Commissioner
State Land Department
Capitol Annex Building
Phoenix, Arizona

Dear Sir:

We are about to begin construction of three test wells for water supply at Saguaro National Monument. Two of these will be at Saguaro proper and the other will be at Tucson Mountain Park. The physical characteristics of these wells are as follows:

1. Headquarters Well - located in Section 31, Township 14S., Range 16E., G.&S.R.M., 8" bore with expected depth of 350' and expected yield of 10 g.p.m.
2. Madrona Pack Base Well - located in Section 4, Township 15S., Range 17E., G.&S.R.M., 8" bore with expected depth of 250' and expected yield of 10 g.p.m.
3. Tucson Mountain Park Well - located in Section 34, Township 13S., Range 11E., G.&S.R.M., 8" bore with expected depth of 600' and expected yield of 20 g.p.m.

We are in possession of Bulletin No. 303 dated 1958 and published by your Department. According to the map contained in this bulletin the Tucson Mountain Park well would be inside the Marana critical area created October 15, 1954. The other two wells are outside the critical areas if our map is up to date. All three wells will be for domestic or culinary use for Saguaro National Monument and would fall under the definition of "Exempted Wells".

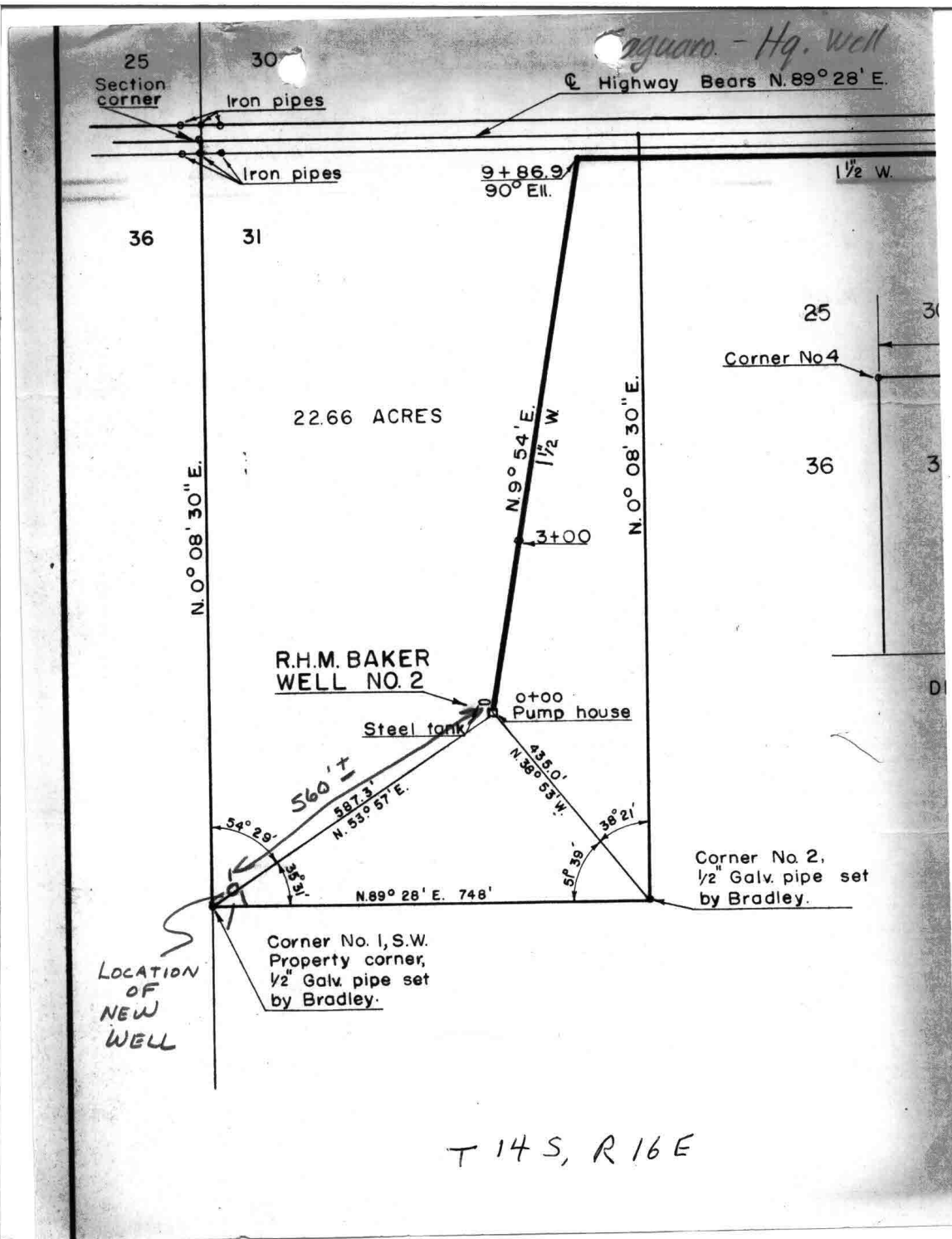
According to our interpretation of your State Law a "Notice of Intention to Drill Well" form G-308 is only required if an "Exempted Well" will produce in excess of 100 g.p.m. even if it lies in a critical area. Utilizing the same interpretation a drilling card (Form G-308) is not required for any of these wells.

Since this Service has always had a policy to adhere to water laws of the State in which we work, we wonder if you would inform us by return mail whether or not our interpretation of your Ground Water Code is correct. If you do require certain forms or applications for these wells would you please forward the proper forms to us in order that we may comply with your laws.

(SIGNED)

J. M. Carpenter
Acting Regional Director

cc: Director (2) ✓
Superintendent, Saguaro



Docket Information

Number of Documents in Docket 33

Documents Dated from 4/16/1952 to 11/2/1987

Docket Compiled: 6/16/2011