



WATER-RIGHT DOCKET

Organ Pipe Cactus National Monument

Docket No: 15

KALIL WELL.

State Water Rights Documentation

06-03-1982: registration of existing wells; registration no. 55-629088, file no. c(18-5)6dca

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 registration 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.

RECEIVED
JUN 9 1982
DEPT. OF WATER RESOURCES

REGISTRATION FEE (CHECK ONE)

EXEMPT WELL (NO CHARGE) ☐

NON-EXEMPT WELL - \$10.00 ☒

FOR OFFICE USE ONLY

REGISTRATION NO. 55- 629088

FILE NO. C(18-5)6dca

FILED 6-9-82 AT 1:30

(DATE) (TIME)

INA _____

AMA _____

1. 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)

2. File and/or Control Number under previous groundwater law:
(File Number) _____ (Control Number) 35-

3. a. The well is located within the NE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$, Section 6,
of Township 18 S N/S, Range 5 W E/W, G & SRB & M, in the
County of Pima.

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

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

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

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

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

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

a. Depth of Well 205 feet

b. Diameter of casing 6 inches

c. Depth of casing 70 feet

d. Type of casing steel

e. Maximum pump capacity 50 gallons per minute.

f. Depth to water 69 feet below land surface.

g. Date well completed November 1966
(Month) (Day) (Year)

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

SE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$, Section 6 Township 18 S Range 5 W
NW $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$, Section 6 Township 18 S Range 5 W
Organ Pipe Cactus -- Kalil Well

Attach additional sheet if necessary.

9. DATE JUN 3 1982 SIGNATURE OF REGISTRANT (Sgd) Gerard S. Witucki
GERARD S. WITUCKI
CHIEF, DIVISION OF WATER RESOURCES

Supporting Hydro Data

PERMANENT REFERENCE
Do Not Discard

FORM 9-16
(DEC 66)

NATIONAL PARK SERVICE

No. (C-18-5) 6 dca

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by W. Werrell Source of data Owner Date July 10, 73 Preliminary Map: Nariz Mt. 2 NE, 7 1/2'

State Ariz County 04 (or town) Pima Sequential number: 10

Latitude: 31 52 59 N Longitude: 11 24 85 6

Lat-long accuracy: 1 18 5 6 Sec. 6 NE SW SE 6 ESR PM

Local well number: C-18-0506DCA Other number:

Local use: Owner or name: Cid Kalil

Owner or name: Lukeville, Ariz

Ownership: County, Fed Gov't, City, Corp or Co, Private State Agency, Water Dist P

Use of well: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom Irr, Med, Ind, P S, Rec, Stock, Instit, Unused, Recharge, Desal-P S, Desal-other, Other H

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

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

Hyd. Tab. data:

Qual. water data: type: Specific conductance

Freq. sampling: Pumpage inventory: yes no: period:

Aperture cards:

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 205 ft Meas. 205 accuracy 6

Depth cased: 70 ft Casing type: Steel Diam. 6 in

Finish: porous gravel w. gravel w. horiz. open perf., screen, sd. pt., shored, open hole other X

Method: (A) air bored, (B) cable dug, (C) hyd jetted, (D) air reverse trenching, (E) driven, (F) drive wash, other C

Date Drilled: Nov 1966 Pump intake setting: 5 ft

Driller: Cotton Drilling Co. Tucson, Ariz

Lift (type): (A) air, bucket, cent, jet, multiple, none, piston, rot, submerg, turb, other S Deep D Shallow

Power (type): diesel, elec nat gas, gasoline, hand, gas, wind, H.P. 5 Trans. or meter no.

Descrip. MP Top of casing; 0.6 ft below LSD, Alt. MP

Alt. LSD: 1405 1405 Accuracy: USGS Topo-20' Contours 3

Water Level 69.5 above 70 LSD Accuracy: Steel tape A

Date July 10, 73 773 Yield: gpm Method determined

Drawdown: ft Accuracy: Pumping period hrs

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

Sp. Conduct 800 K x 10⁵ Temp. 30 °C 86 °F Date sampled July 10, 73 773

Taste, color, etc.

Property purchased by NPS, Oct 26, 1974

Well No. (C-18-5) 6 dca

Well No. (C-18-5) 6 dcaLatitude-longitude 31 52.59 ^N 112.48 56
d m s d m s

HYDROGEOLOGIC CARD

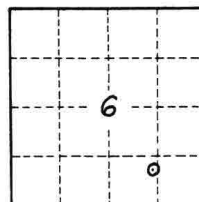
SAME AS ON MASTER CARD ¹⁹ Physiographic Province: Basin & Range ²⁰ 2.2 Section: Sonoran
Desert ²¹ B Drainage Basin: Western Mexican Drainage ²² W.M.D Subbasin: Rio Sonora ²³ L

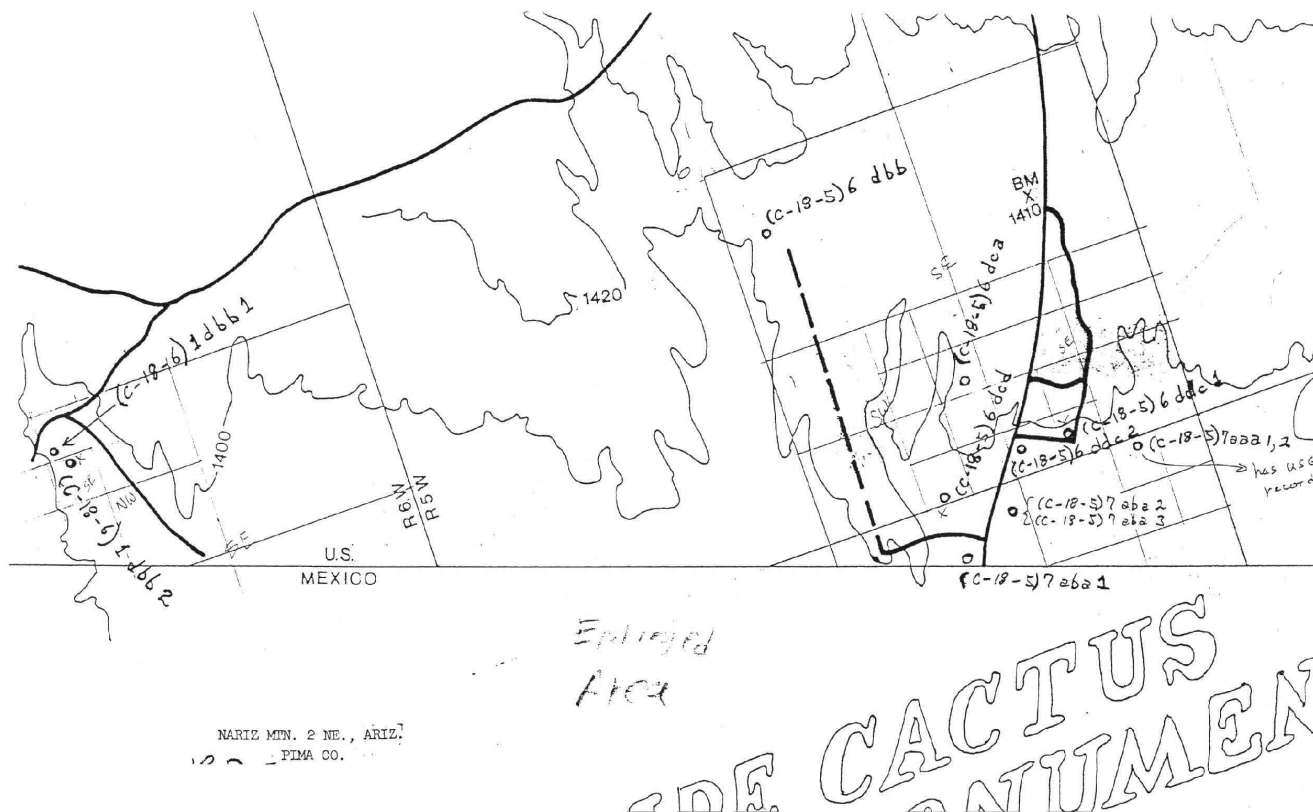
(D) (C) (E) (P) (H) (K) (L)
 Topo of depression, stream channel, dunes, flat, hilltop, sink, swamp,
 well site: (Q) (P) (S) (T) (U) (V)
 offshore, pediment, hillside, terrace undulating, valley flat ²⁷ T

MAJOR
 AQUIFER: _____ system _____ series _____ aquifer, formation, group _____ ³⁰ 31
 Lithology: _____ ³² 33 Origin: _____ ³⁴ 35 Aquifer Thickness: _____ ft
 Length of well open to: _____ ft ³⁶ 37 Depth to top of: _____ ft ³⁸ 39

MINOR
 AQUIFER: _____ system _____ series _____ aquifer, formation, group _____ ⁴⁰ 41
 Lithology: _____ ⁴² 43 Origin: _____ ⁴⁴ 45 Aquifer Thickness: _____ ft
 Length of well open to: _____ ft ⁴⁶ 47 Depth to top of: _____ ft ⁴⁸ 49

Intervals Screened: Torch cut slots 70' to 165'; open hole below 165'
 Depth to consolidated rock: _____ ft ⁵⁰ 51 Source of data: _____ ⁵² 53
 Depth to basement: _____ ft ⁵⁴ 55 Source of data: _____ ⁵⁶ 57
 Surficial material: _____ ⁵⁸ 59 Infiltration characteristics: _____ ⁶⁰ 61
 Coefficient Trans: _____ gpd/ft ⁶² 63 Coefficient Storage: _____ ⁶⁴ 65
 Coefficient Perm: _____ gpd/ft² ⁶⁶ 67 Spec cap: _____ gpm/ft; Number of geologic cards: _____ ⁶⁸ 69

Well No. (C-18-5) 6 dca



Docket Information

Number of Documents in Docket 4

Documents Dated from 7/10/1973 to 6/3/1982

Docket Compiled: 6/3/2011