FORM NO. 9—1904—A
Revised September 1980

Alias
SITE NO. 272810080520001

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

Recorded by Bradner

Date 9/14/90

SITE SCHEDULE

Check One ____ English ____ Metric Units

GENERAL SITE DATA (0)

Site Ident No 272810080520001 (5 … 19) | RG Number R=0 * | Transaction T= A D M V * (add, delete, modify, verified)

Site-Type 2= C D E H I M Ø P S T (W) X * (collector, drain, excavation, sink-hole, well, connector multiple, outcrop, pond, spring, tunnel or shaft, well, test hole)

Data Reliability 3= (C) U * (field checked, unchecked)

Reporting Agency 4= USGS *

Project No. 5= * | District 6= 125 * | State 7= 12 * | County (or town) Okeechobee 8= 093 *

Latitude 9= 272810 * (deg min sec) | Longitude 10= 0805200 * (deg min sec) | Lat-Long Accuracy 11= (S) F T M * (sec, 5 sec, 10 sec, Min)

Local Number 12= CULVERHOUSE 1409 * | Land Net Loc. 13= SW NW SE S 31 T 34S R 35E (1/4 1/4 1/4 section, township, range, merid)

Location Map 14= TAYLOR CREEK NE * | Scale 15= 24000 *

Altitude 16= 64. * | Method of Measurement 17= A L (M) * (altimeter, level, map) | Accuracy 18= 2.5 *

Topo Setting 19= A B C D (E) G H K L M Ø P S T U V W * (alluvial fan, playa, stream channel, depression, dunes, flat, flood plain, hill top, sink, swamp, mangrove swamp, offshore, pediment, hillside, terrace, undulating, valley flat, upland draw) | Hydrologic Unit (OWDC) 20= 03090101 *

Use of Site 23= A C D E G H M Ø P R S T U (W) X Z * (anode, standby, emer. supply, drain, geothermal, seismic, heat reserv., mine, observation, oil or gas, recharge, repress, test, unused, withdrawal, waste, destroyed) | Secondary Site Use 301= * | Tertiary Site Use 302= *

Use of Water 24= A B C D E F H (I) J K M N P Q R S T U Y Z * (air-cond., bottling, commercial, dewater, power, fire, domestic, irrigation, industrial (cooling), mining, medicinal, industrial, public supply, aquaculture, recreation, stock, institutional, unused, desal, other)

Secondary Water Use 25= * | Tertiary Use of Water 26= * | Depth of Hole 27= . * | Depth of Well 28= 1310.? * (1480?) | Source of Depth Data ① 29= D *

Water Level 30= . * | Data Measured 31= / / * (month day year) | Source ① 33= *

Method of Measurement 34= A B C E G H L M N R S T V Z * (airline, analog, calibrated airline, estimated, pressure gage, calibrated pressure gage, geophysical logs, manometer, non-rec. gage, reported, steel tape, electric tape, calibrated electric tape, other)

Site Status 37= D E F G H I J N Ø P R S T V W X Z * (dry, recently flowing, flowing, nearby flowing, nearby recently flowing, injector site, inj-site monitor, meas. discon., obstruction, pumping, recently pumped, nearby pumping, nearby recently pumped, foreign substance, well destroyed, surface water effects, other)

Source of Geohydrologic Data ① 36= * | Pump Used 35= * (no) | Date of First Construction/Completion 21= / / * (month day year)

OWNER IDENTIFICATION (1)

R=158 * | T= (A) D M * (add, delete, modify) | Date of Ownership 159 # / / * (month day year)

Name: Last 161# CULVERHOUSE * | First 162= * | Middle Initial 163= *

OTHER SITE IDENTIFICATION NUMBERS (1)

R=189 * | T= A D M * (add, delete, modify) | Ident 190 # * | Assigner 191= *

New Card Same R & T | Ident 190 # * | Assigner 191= *

SITE VISIT DATA (1)

R=186 * | T= (A) D M * (add, delete, modify) | Date of Visit 187# 09/14/90 * (month day year) | Name of Person 188= BRADNER *

FIELD WATER QUALITY MEASUREMENTS (1)

R=192 * | T= A D M * (add, delete, modify) | Date 193 # / / * (month day year) | Geohydrologic Unit 195 # *

New Card Same R thru 195 | Temperature 196# 0 0 0 1 0 * | Degrees C 197= . *

Conductance 196# 0 0 0 9 5 * | µMhos 197= . *

Other (STORET) Parameter 196# * | Value 197= . *

Other (STORET) Parameter 196# * | Value 197= . *

FOOT NOTES:

① Source of Data Codes:

A D G L M O R S Z
(other, driller, geologist, logs, memory, owner, other gov't, reporting, other reported agency)

PRIMARY PROCESSING ERRORS

DATE: 07-01-1998 @ 18:30 UV INPUT 0.09 BELOW RATING ID 37.0 , TYPE 001
DATE: 07-02-1998 @ 00:30 UV INPUT 0.07 BELOW RATING ID 37.0 , TYPE 001
DATE: 07-03-1998 @ 00:30 UV INPUT 0.04 BELOW RATING ID 37.0 , TYPE 001
DATE: 07-04-1998 @ 00:30 UV INPUT 0.01 BELOW RATING ID 37.0 , TYPE 001
DATE: 07-05-1998 @ 00:30 UV INPUT -0.01 BELOW RATING ID 37.0 , TYPE 001
DATE: 07-06-1998 @ 00:30 UV INPUT 0.0 BELOW RATING ID 37.0 , TYPE 001

DDID: 2 SITE: USGS 022335000
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****** SITEFILE DATA *******

Agency Code USGS **Site ID** 272810080520001

Project Number 1=_____

Station Name 2=Culverhouse 1400 ft. well nr Ft. Drum FL

Latitude 3=272810 **Longitude** 4=0805200 Lat-Long Accuracy 5=S

District 6=125 **State** 7=12 **County** 8=093 Land Net 9=SWNWSES31T34SR35E

Location Map 10=Taylor Creek NE Scale 11=24000

Altitude 12=66.0 Method of Measurement 13=M Accuracy 14=2.5

Hydrologic Unit Code 15=03080101 Drainage Basin Code 16=

Topo Setting 17= **Agency Use** 1 =A Date Inventoried/Established 19=12-12-1990

Site Type 20= 6 Data Types 21= A 4
1234567890ABCDEFGHIJ 1234567890ABCDEFGHIJKLMNOPQRST

Instruments 22=
1234567890ABCDEFGHIJKLMNOPQRST

Remarks 23=_Well used for citrus grove irrigation

******* SURFACE-WATER SITE DATA *******

Drainage Area 25=_____ Contributing Drainage Area 26=

Crest-Stage Upstrm Elev 27= Crest-Stage Downstrm Elev 28=

Gage Height at Zero Flow 29= Mean Greenwich Time Offset 30=

Local Standard Time Flag 31=_ Date of First Construction/Completion 34=

Data Reliability 32=

Site Type 33= W

Use of Site 35=W Secondary Use of Site 36= Tertiary Use of Site 37=

Use of Water 38=I Secondary Use of Water 39= Tertiary Use of Water 40=

Aquifer Type 41=_ **Primary Aquifer** 42=120FLRD

Hole Depth 43=_____ **Well Depth** 44=1400.0 Source of Depth Data 45=0

Water Level 46= Date Measured 47= Method of Measurement 48=

Site Status 49=_ Source of Water Level Data 50=_

******* GROUND-WATER SITE DATA *******

NOTE: **Dashes indicate number of spaces allowed.**

Items highlighted are mandatory

CONSUMPTIVE USES OF WATER SUMMARY SHEET
(AGRICULTURAL)

2/19/1997

OWNER: HUGH CULVERHOUSE
3499 NW SHORE BLVD
SUITE 900
TAMPA, FL 33607

P. O. BOX 2771
WINTER HAVEN, FL 33883

COUNTY: Okeechobee PROJECT NAME: CULVERHOUSE GROVE

SECTION(S): 30 & 31 TOWNSHIP(S): 34S RANGE(S): 35E

ACRES OWNED: 1,275 PROJECT ACREAGE: 1,275

GENERAL DESCRIPTION OF APPLICATION NO. 2-093-0011AUSNM: APPLICATION IS FOR THE USE OF 565.3 MGAL/YR (1,735 ACRE-FT/YR) OF GROUNDWATER FROM THE GRAY SAND AQUIFER TO IRRIGATE 1,275 ACRE(S) OF CITRUS USING A LOW VOLUME MICRO-JET IRRIGATION SYSTEM. BLANEY CRIDDLE RECOMMENDS 565.3 MGAL/YR (1,735 ACRE-FT/YR). THIS IS A MODIFICATION OF AN EXISTING USE REQUESTING AN INCREASED ALLOCATION OR A CHANGE OF SOURCE.

COMMENTS: APPLICANT USES A LOW VOLUME MICRO-JET IRRIGATION SYSTEM.

RECOMMENDATION: APPROVAL

CONDITIONS:

GENERAL (SEE CONDITION SHEET): 1-8

SPECIAL CONDITIONS (SEE CONDITION SHEET): 4 (FOR EXISTING WELL # 2)

OTHER CONDITIONS:

1. This permit will expire 7 years from the date of issuance.
2. Maximum annual withdrawals for irrigation must not exceed 565.3 million gallons (1,735 acre-feet).
3. Maximum monthly withdrawals for irrigation must not exceed 54.0 million gallons (258 acre-feet).
4. Maximum annual withdrawals for frost and freeze protection must not exceed 121 million gallons (372 acre-feet).
5. Source Classification is 100% agricultural irrigation.
6. Use Classification is 100% agricultural irrigation.
7. Prior to well construction, permittee must obtain a Water Well Construction Permit from the District.

GEOHYDROLOGIC UNIT DESCRIPTIONS (1)

R = 90 * | T = (A) D M * (add, delete, modify) | Entry No 256 # 001 * | Depth to Top 91 = 472 * | Depth to Bottom 92 = *

93 = 120FLRD * (Unit Identifier) | 304 = P * (Contributing Unit) | 96 = LMSN * (Lithology) | 97 = * (Lithologic Modifier)

AQUIFER DATA (2)

R = 94 * | T = A D M * (add, delete, modify) | Geohydrologic Unit Entry No 256 # *

Date 95 # / / * (month day year) | Water Level 126 = * | % Water Contributed 132 = *

GEOHYDROLOGIC UNIT DESCRIPTIONS (1)

R = 90 * | T = A D M * (add, delete, modify) | Entry No 256 # * | Depth to Top 91 = * | Depth to Bottom 92 = *

93 = * (Unit Identifier) | 304 = * (Contributing Unit) | 96 = * (Lithology) | 97 = * (Lithologic Modifier)

AQUIFER DATA (2)

R = 94 * | T = A D M * (add, delete, modify) | Geohydrologic Unit Entry No 256 # *

Date 95 # / / * (month day year) | Water Level 126 = * | % Water Contributed 132 = *

PERTINENT REMARKS

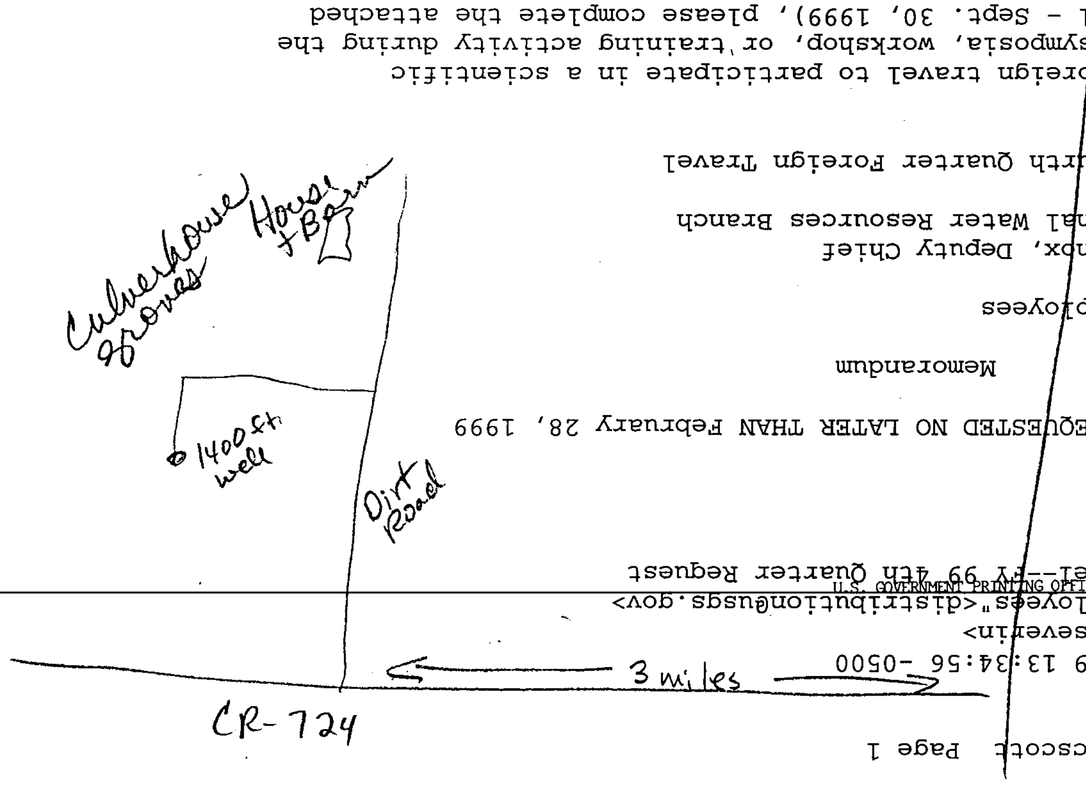
R = 183 * | T = A D M * (add, delete, modify) | New Site Name 858 = *

Remark No. 311 # * | 185 = WELL TAPS UPPER & LOWER FLORIDAN *

311 # * | 185 = *

① Contributing Unit Codes

P	S	N	
primary contributing	secondary contributing	non-contributing	unknown



Feb 19 10:09 1999 escott Page 1

Date: Wed, 17 Feb 1999 13:34:56 -0500
From: Lory Severin <lseverin>
To: "E - All WRD Employees"<distribution@usgs.gov>
Subject: Foreign Travel--FY 99 4th Quarter Request

In Reply Refer To:
Mail Stop 420

RESPONSE REQUESTED NO LATER THAN February 28, 1999

Memorandum

To: All WRD Employees

From: Anna M. Lenox, Deputy Chief
International Water Resources Branch

Subject: FY 1999 Fourth Quarter Foreign Travel

If you are planning foreign travel to participate in a scientific meeting, conference, symposia, workshop, or training activity during the fourth quarter (July 1 - Sept. 30, 1999), please complete the attached form and forward, through supervisory channels via email, to for_trav no later than February 28. After approval by Division management, your request will be consolidated into a Bureau listing of proposed foreign travel for the fourth quarter and forwarded to the Associate Director for Operations for review. The information that you have provided will be used to initiate your Foreign Travel Certification (Form DI-1175).

The Bureau continues to compile a list of meetings/conferences that will be convened in foreign venues and in which we could reasonably expect participation by a number of USGS scientists. Please help us with this compilation by providing, via email, the name, location, sponsor, and date (if known) of any international meeting that meets our criteria.

TRAVEL TO CANADA:

Please refer to Water Resources Divison Memorandum No. 95.48 for WRD policy on travel to Canada. One additional requirement has been added since publication of that memo. The American Embassy in Ottawa now requires that a contact person, address, phone number, and/or email address, as well as all other information stipulated in WRD Memo 95.48, be provided for each traveler. Please add this information to your travel information sheet. Also note that Canadian Customs officials require specific forms of identification (a U.S. drivers license is not an accepted form of identification). Recommended identification includes: (1) passport, (2) original voter's registration card, or (3) original or certified (with notary stamp) birth certificate.

HEALTH INSURANCE:

We recommend that you contact your insurance provider before you leave the United States to verify that, in the event of illness or injury overseas, costs for medical care will be reimbursed under your specific plan. If adequate coverage is not included, you may choose to purchase traveler's insurance for the duration of your travel.

Culverhouse 1400 ft well

0-40 Fine sand

40-65 sand + sand

65-80 silt, sand, small amounts of large shell

80-100 coarse shell, sand

100-110 sand, silt, coarse shell

110-120 Very white coarse shell, sand good producing zone

120-150 sand, silt, shell fragments

150-170 shell, limestone, phosphate granules, sand pebbles - grey tones

170-180 shell, limestone, phosphate, more sand

180-190 as above, with some silt

190-235 silt, sand, some clay - grey-green

235-290 silt, sand, clay, some coarse shell grey green

290-300 silt, sand, clay, tiny black phosphate specks - dark grey-green

300-330 as above with shell fragments

330-350 silt, sand, clay grey-green

350-360 as above, some shell

360-370 grey clay, sand, phosphatic shell

370-375 as above, not as much shell

375-390 as above, with shell and phosphate

390-415 as above, with much more shell, also some limey chalk

415-430 limestone with shell, phosphate granules, and some sand

430-440 white limey clay, shell + limestone

440-472 dark grey limestone, some small fragments shell + phosphate

472-490 poor cuttings - Change in color to white - mostly drilling mud

490-510 white limestone, black phosphate granules - lepidocyclina definitely Ocala

510-600 white limestone, made up mostly of lepidocyclina

600 - 620 As above

620 - 710 more consolidated limestone (tan to white) lepidocyclina and dictyoconus

710 - 800 white-to-tan limestone, more dolomite + crystals

800 - 1120 As above

1120 - 1130 light white-to-tan limestone with less dolomite + crystals dictyoconus americanus

1130 - 1160 tan limestone with increasing brown dolomite

1160 - 1200 dark tan dolomite + limestone

1200 - 1210 white to grey limestone

1210 - 1237 dark tan dolomite

1237 - 1260 white to tan limestone

1260 - 1270 light to dark tan dolomite

1270 1280 white to tan limestone

1280 - 1310 tan dolomite

end of cuttings