FORM NO. 9—1904—A
Revised September 1980

SITE NO. 271139080534301

Recorded by Anne Bradner

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

Date 8/27/90

Check One ____ English ____ Metric Units

GENERAL SITE DATA (0)

Site Ident No 271139080534301 (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, 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) 8=Okeechobee 093

Latitude 9=271139 (deg min sec) | Longitude 10=0805343 (deg min sec) | Lat-Long Accuracy 11=(S) F T M (sec, 5 sec, 10 sec, Min)

Local Number 12=PARKER - SECTION 2 | Land Net Loc. 13=SESE(NE) 1/4 1/4 1/4 S 02 section, T 38S township, R 34E range, 7 merid

Location Map 14=OKEECHOBEE NW | Scale 15=24000

Altitude 16=18.0 | Method of Measurement 17=A L (M) (altimeter, level, map) | Accuracy 18=2.5

Topo Setting 19=A B C D E F 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, hill-side, terrace, undulating, valley flat, upland draw) | Hydrologic Unit (OWDC) 20=03090102

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, 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, demineral, water, power, fire, domestic, irrigation, industrial (cooling), mini., medicinal, industrial, public supply, aquaculture, recreation, stock, institution, unused, desal, other)

Secondary Water Use 25= | Tertiary Use of Water 26= | Depth of Hole 27= | Depth of Well 28=1313. | Source of Depth Data ① 29=A

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=N (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# DANIELS R-Bar Ranch | First 162=BUCK | 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# / / (month day year) | Name of Person 188=

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#00010 | Degrees C 197= | Conductance 196#00095 | µ Mhos 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 reported, reporting agency, other gov't)

1/1/97

GEOHYDROLOGIC UNIT DESCRIPTIONS (1)

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

93 = 120FLRD * (Unit Identifier) | 304 = 7 * (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 # 002 * | Depth to Top 91 = * | Depth to Bottom 92 = *

93 = 120HTRN * (Unit Identifier) | 304 = 5 * (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 Card Same R&T

Remark No. 311 # * | 185 = *

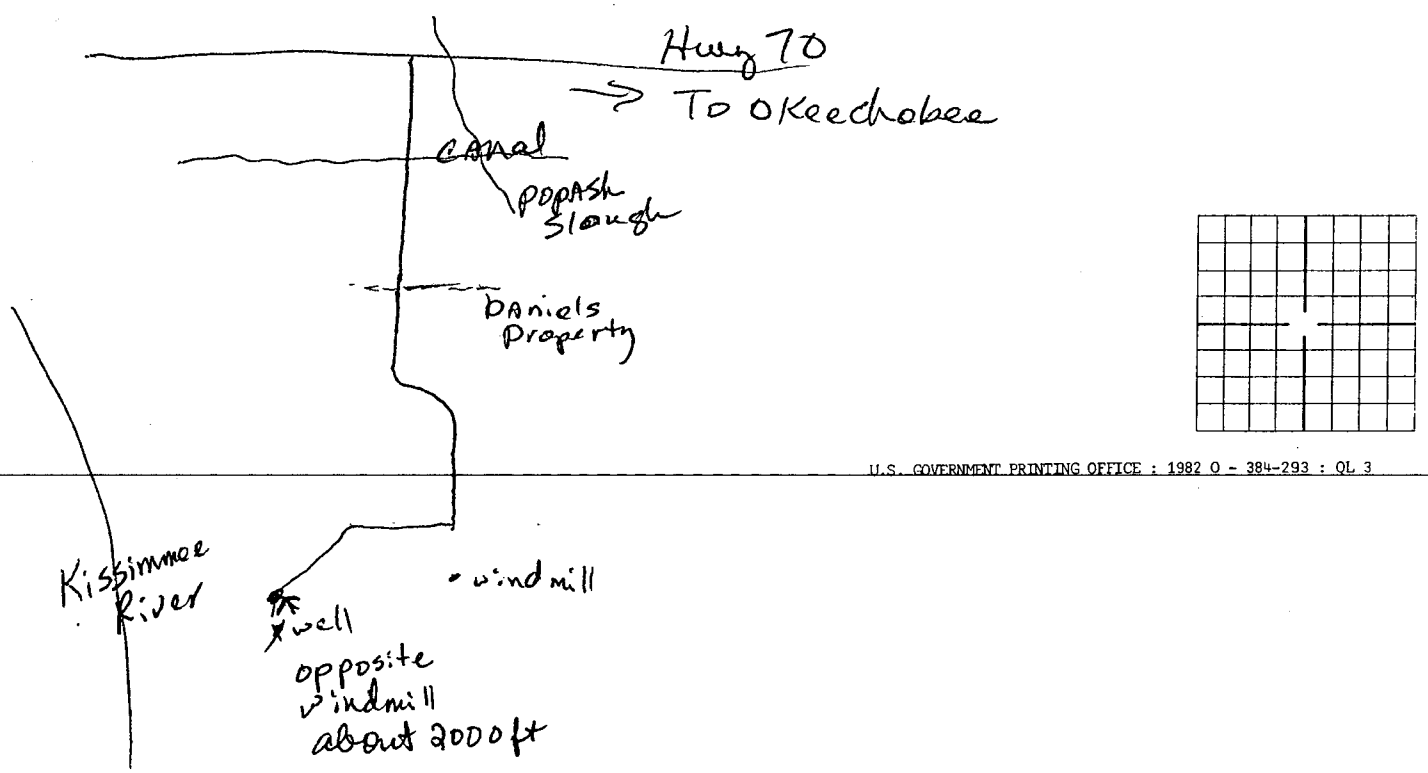
311 # * | 185 = *

① Contributing Unit Codes

P	S	N	U
primary contributing	secondary contributing	non-contributing	unknown

Received permission from Buck Daniels to sample

You Must be escorted on property to access well



U.S. GOVERNMENT PRINTING OFFICE : 1982 O - 384-293 : QL 3

Agency Code USGS

Site ID 271139080534301

Project Number 1-

Station Name 2- R-Bar Ranch well near Okeechobee

Latitude 3- 271139 Longitude 4- 0805343 Lat-Long Accuracy 5- S

District 6-125 State 7-12 County 8- 093 Land Net 9- SESENES02T38SR34E

Location Map 10- Okeechobee NW Scale 11- 24000

Altitude 12- 18.0 Method of Measurement 13- M Accuracy 14- 2S

Hydrologic Unit Code 15- 03090102 Drainage Basin Code 16-

Topo Setting 17- F Agency Use 18- A Date Inventoried/Established 19-__-__-____

Site Type 20- 6 (1234567890ABCDEFGHIJ) Data Types 21- 24 (1234567890ABCDEFGHIJKLMNOPQRST)

Instruments 22- (1234567890ABCDEFGHIJKLMNOPQRST)

Remarks 23-

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

Drainage Area 25- Base Discharge 24-

Crest-Stage Upstrm Elev 27- Contributing Drainage Area 26-

Gage Height at Zero Flow 29- Crest-Stage Downstrm Elev 28-

Local Standard Time Flag 31- Mean Greenwich Time Offset 30-

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

ite Type 33- W Data Reliability 32-

se of Site 35- O Date of FirstConstruction/Completion 34-__-__-1958

se of Water 38- U Secondary Use of Site 36- Tertiary Use of Site 37-

quifer Type 41- M Secondary Use of Water 39- Tertiary Use of Water 40-

ole Depth 43- 1313.0 Well Depth 44- 1313.0 Primary Aquifer 42- 120FLRD

ater Level 46- Date Measured 47-__-__-____ Source of Depth Data 45- A

te Status 49- Method of Measurement 48-

Source of Water Level Data 50-

TE: Dashes indicate number of spaces allowed.
Items highlighted are mandatory.

4/1/16

Ed Lane
July 1975

W- 4896
W -Ok-38S-34E-2da

SUMMARY

Probable Pleistocene	0' - 70'
Tamiami Fm.	70' - 100'
Hawthorn Fm.	100'-approx. 545'
undiff. Ocala	545'-appx. 790'
Avon Park Ls.	790'-appx. 1200'
Lake City Ls.	1200'-1265'(T. D.)

NOTE: Probably in Tamiami Fm. at 70'

PERMIT #	:
OWNER	: Parker Bros., Inc.
LOCATION	: T38S, R34E, Sec. 2, SE4, NE4
COUNTY	: Okeechobee
ELEVATION	: 17' est. from topo. map
DRILLER	:
STARTED	:
COMPLETED	: 1958
DEPTH	: 1,313'
CASING	: 338'/8" Ocala at 545
HEAD	: +33.7'
YIELD	: 1,050 gpm
QUALITY	: Fresh
USE	: Irrigation
REMARKS	: 32 Smpls. 70' - 1,265'

Sample Depth

70' SHELL HASH, unconsolidated, broken mollusk shells, wave-worn. Barnacles, several well-preserved Amphistegina lessonii forams, echinoids, shark tooth, a few tiny unidentifiable forams. Loose, coarse-size black phosphorite, about 1%. Heavy minerals, less than 1%, total, VF-F size: epidote (yellow-green, glassy), staurolite, ilmenite (magnetic), rutile, mica. Quartz sand constitutes about half of the sample, angular, VF-C.

85' Similar to above, but contained more clay and silt. Did not note any Amphistegina lessonii; none of the yellow-green mineral.

HAWTHORN FM. 100' - approx 545'

100' SAND, most of which is colorless, glassy quartz, angular, fine to coarse size with 50% being in the range of coarse to very coarse. About 15% of the sample is black, rounded phosphorite, with a size-distribution as the quartz sand. About 2%, VF, heavy minerals, some mica. About 20% is very worn, small, shell-hash: echinoids, barnacles, mollusks, a well-preserved Amphistegina chipolensis, shark tooth. A few fragments of white, very sandy limestone.

145' SAND, lite gray, poorly consolidated with some silt and clay. About 90% of sample is in the range of VF-F size, with a few coarse sand grains, possibly from above. Heavy minerals (with some mica) and phosphorite, VF-F size, about 15%. Only fossils noted were several tiny (0.5-1.0 MM long) teeth (or claws). They do not look like fish-teeth, but more like a tiny land vertebrate's.

PRIMARY PROCESSING ERRORS
ADAPS ERROR DETECTED
NO WATER COMPILATION METHOD SPECIFIED

165' CLAY, medium gray-green, dense, slightly calcareous, non-expanding. Contains less than 1% silt-size heavy minerals.

180' Similar to above, but color is dark gray-green, with fewer heavy minerals.

225' SAND, similar to sample at 145', but color is medium gray-green due to silt and clay. Cemented in places to a calcareous sandstone. One foram noted; may be Astrononion glabrella; several fragments of mollusk shells.

285' SAND, silty, clayey, similar to above but color is lighter gray-green; average grain-size is larger. Few fragments of mollusk shells, many small echinoid spines. About 15%, VF-size, heavy minerals; about 1%, coarse-size PHOSPHORITE.

320' Similar to above.

345' LIMESTONE, white to very light gray, sand about 5%, heavy minerals about 5%, phosphorite about 5%. Forams, shell fragments, mollusks, barnacles, bryozoans, echinoids.

355' LIMESTONE, medium gray, microcrystalline, sucrosic, partly dolomitized; some fragments are clean, others contain up to 5% heavys and 5% phosphorite. About 10% of sample is loose phosphorite mostly medium to very coarse size and some granules up to 5MM. Forams, echinoids, mollusks.

390' Similar to above with white to light gray calcareous clay. Shark tooth noted.

395' LIMESTONE, white to light gray, micrite, vuggy and moldic porosity 15-25% in places. Included phosphorite, VF to 5MM granules, 10-30% of some fragments. Mollusks, echinoids, bryozoa, crab claw.

420' Some fragments of limestone and clay, as above, but 50% of the sample is loose phosphorite, VF to 5MM granules. Many phosphatized internal casts of pelecypods and gastropods; echinoids, shark teeth, and several tiny teeth as described for sample at 145'.

425' PHOSPHORITE GRAVEL, 90% of sample is phosphorite from medium size to 7MM granules, mostly larger than 2MM. Few fragments of white limestone, as above. Few mollusk shell fragments, barnacles, echinoids, shark teeth common, many phosphatized internal casts, as above.

470' Similar to above, but about 75% of sample in VF-F size phosphorite, a few larger granules.

500' LIMESTONE, white, shell hash. Quartz sand, C-VC, rounded, frosted. About 1% phosphorite. Echinoids, bryozoa, mollusks.

530' Similar to above, but limestone contains up to 5% phosphorite in places.

Undifferentiated Ocala approx. 545' - 790'

560' LIMESTONE, tan calcarenite, porous, granular, moderately recrystallized. Very fossiliferous: mollusks, Lepidocyclina, Gypsina globula, Operculinoides.

650' Foram hash, very light tan: Leps, Operculinoides; echinoids, bryozoa.

690' As above, plus Nummulites. Some forams contain black flecks that may be pyritization.

750' Similar to above, but darker tan. Moderate to high recrystallization, many clear calcite crystal-aggregates.

Avon Park Formation approx. 790' - 1200'

830' LIMESTONE, very light tan, chalky, granular, porous. Coskinolina, Lituonella, Dictyoconus cookei abundant.

890' Similar to above. Ostracods.

950' As above.

980' As above, limestone is light gray-tan, less porous, with much brown, micro-crystalline dolomite.

1015' As above, but no dolomite.

1100' As above.

1170' Similar to above. Sample contains fragments of light gray, dense, partially dolomitized limestone.

1210' Similar to above. Sample contained two specimens of large, flat cones (Dictyoconus americanus ?) ; may have entered Lake City Formation in this interval.

Lake City Limestone approx. 1200' - total depth

1265' LIMESTONE, light tan, granular, porous, very fossiliferous. Abundant large cones (Dictyoconus americanus).