DOH-0200006-01

GWGIS13

1781 WTO

Lucedale Quad

Recorded by WTO

Date 12/7/82

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT
WELL RECORD

Well No. D39

E-Log No. 57

County George

D is 305

GEN. SITE DATA

Site ID 3~~X~~ 0 5 6 3 9 0 8 8 3 1 1 8 0 1 | R=0* | T= A * | 2=W*

Data reliab. 3= C * (C U) | Report. agency 4=USGS* | Dist. 6=28* | 7=28* | Co. 8= 039 *

Lat. Long./ 9= 3~~3~~ 0 5 6 3 9 * | 10= 0 8 8 3 1 1 8 * | Well No. 12= D039 *

Location 13= NW SE (SW) S 19 T 01S R 05W * | Alt. 16= 285. *

Hyd. Unit (OWDC) 20= 03170008 * | Date 21= 11/16/1982 *

Well use 23= W * | Water Use 24= P * | Hole depth 27= 1415. * | Well depth 28= 1172. *

WL 30= 196. * | Date 31= 12/01/1982 * | Source 33= D *

Status 273 = * | Project No. 5= *

OWNER

R=158* | T= A * | Date 159# 12/01/1982 * | Owner No. #3

Owner 161# ROCKY CK UTIL *

FIELD QW

R=192* | T= A * | Date 193# / / * | Temp. 196#00010* | 197= . *

R=192* | T= A * | Date 193# / / * | Cond. 196#00095* | 197= . *

R=192* | T= A * | Date 193# 03/22/1983 * | pH 196#00400* | 197= 8.4 *

CONSTR.

R=58* | T= A * | 59# 1* | Date 60= 12/01/1982 * | Remarks

Drlg. 63= 184 * | Name Griner Drlg. | Method 65= H * | Finish 66= S *

CASING

R=76* | T= A * | 59#1*

Top csgn. 77# 9. * | Bot. csng. 78= 127. * | Diam. 79# 8. *

R=76* | T= A * | 59#1*

Top csng 77# 1100. * | Bot. csgn. 78= 1142. * | Diam. 79# 6. *

OPENINGS

R=82* | T= A * | 59#1* | Top 83# 1142. * | Bottom 84= 1172. *

Type 85= S * | Diam. 87= 6. * | Size 88= .008 *

R=82* | T= A * | 59#1* | Top 83# . * | Bottom 84= *

Type 85= * | Diam. 87= . * | Size 88= . *

YIELD

R= 146 * | T= A * | 147# 1 * | Q 150= 175. * | Q/S 272= . *

134 flows 146 pumped

278 @ 0#

LIFT

R=42* T= A * Lift type 43# S * Intake 44= * Power type 45= E *

Date 38= 12/01/1982 * H.P. 46= 25. *

LOGS

R=198* T= A * Log 199# E * Top 200= 60. * Bot 201= 1414. *

R=198* T= A * Log 199# D * Top 200= 0. * Bot 201= 1415. *

R=189* T= A * E Log No. 190# 057 * 191= M I S S I S S *

ANAL.

R=114* T= A * Year 115# * 117= * 120= *

AQUIFERS

R=90* T= A * 256# 1 * Top 91= 1080. * Bot 92= 1170. *

Unit ID 93= 122MOCN * Name of Unit

R=90* T= A * 256# 1 * Top 91= * Bot 92= *

Unit ID 93= * Name of Unit

HYDRAULICS

R=98* T= A * 99# 1 * Unit tested 100= * 103= *

R=105* T= A * 99# 1 * Test No. 106# *

107= * Transmissivity (gal/d)/ft

108= * Hydraul. cond. (gal/d)/ft^2

110= * Storage coeff. Boundaries

R=121* T= * Yr Begin 122# * Network 258 # *

Water Level Data Collection (1)

TDS = 253

Fe = .15

Color = 15

12/17/85

pump on at 1055

description of formations encountered	from	to
TOP SOIL / SAND, RED	0	18
CLAY	18	21
SAND	21	70
CLAY + ROCK	70	77
CLAY	77	183
CLAY + SAND STREAKS	183	215
SAND + CLAY STREAKS	215	277
SAND	277	371
SAND + CLAY STREAKS	371	433
CLAY	433	527
CLAY + SAND	527	558
CLAY	558	620
CLAY + HARD	620	879
SAND, FINE	879	962
CLAY + ROCK STREAKS	962	1057
CLAY + SAND STREAKS	1057	1120
SAND, HARD PACKED	1120	1158
CLAY + SAND STREAKS	1158	1246
CLAY	1246	1415

GEORGE
D 39
12-1-82
Elog * 57

GW 01513

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES

Bureau of Land and Water Resources
Southport Mall
P.O. Box 10631
Jackson, Mississippi 39209

CODED

WATER WELL DRILLERS LOG

date well completed 19 82 | firm name: KRIMER DRILLING CO | county well located: GEORGE

LANDOWNER: ROCKY CREEK UTILITIES, Inc
Well No. 3
(mailing address)

WELL LOCATION: SW¼ NW¼ SE¼
sec. 19 T 1 (N) (S) R 5 (E) (W)
(distance) miles (direction) of (nearest town)

WELL PURPOSE: RURAL WATER SYS.
(home, irrigation, municipal, industrial)

WELL COMPLETION DATA:

(1) diameter (inches) 8 5/8 CI
(2) total depth (feet) 1172
(3) static water level (feet) 18.4 (below / above) top of ground
(4) casing Steel (material), 1127 (depth), 8 5/8 (size) If telescope see back.
(5) screen 30 (length), 1142 (depth to top)
(.008) 6 (size), 304 S.S. (material)
(6) pump 25 (HP) 175 (yield gpm)
ELECT. (type power)
(7) electric log Yes (yes or no)
MISS. GEOL. SURVEY (organization running log)
(8) how well bottom plugged BRICK
WASH VALVE

DRILLERS REMARKS:

description of formations encountered	from	to
SAND, RED	0	18
CLAY	18	21
SAND	21	70
CLAY & ROCK	70	71
CLAY	71	183
CLAY & SAND STREAKS	183	225
SAND & CLAY STREAKS	225	227
SAND	227	371
SAND & CLAY STREAKS	371	433
CLAY	433	527
CLAY & SAND	527	558
CLAY	558	620
CLAY & HARD	620	877
SAND, FINE	877	962
CLAY & ROCK STREAKS	962	1057
CLAY & SAND STREAKS	1057	1120
SAND, HARD PACKED	1120	1158
CLAY & SAND STREAKS	1158	1246
CLAY	1246	1405

CODED

DEPT. OF NATURAL RESOURCES
BUREAU OF LAND & WATER RESOURCES
MAY 3 - 1983
RECEIVED

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

Lucedale Quad

USER NAME(S): ~~SH Bishop~~ Hornbeak DATE: ~~8-3-94~~ 7/25/96

UNIT DEQ #: ~~82839~~ 82859 FILE #: ~~B080321B~~ B072600C

HEALTH DEPT. #: 200006-01 ELEV.: 285

USGS #: D-9000 D-39 OLWR #: GW-1513

OWNER: Rocky Cr utility Lucedale Quad.

LOCATION: ~~SW~~-NW-SE S 19 T 15 R 5W COUNTY: George

LOCATION DESCRIPTION: On Rocky Cr Rd 1.4 Mi. N. of (New Hwy 98) (AT Elev Tank.)

Rocky Rd Turns North off (New Hwy 98) Across from Old Hwy 98 intersecti

CASING DIA: 8" PUMP TYPE & SIZE: HP Elec.

GPS FIELD LOCATION: LAT. ~~30 56.703~~ 30° 56' 39.3" LONG. ~~88 31.250~~ 88° 31' 12.5"

GPS CORRECTED LOCATION: LAT. 30.94450894 LONG. 88.52068158

REMARKS: GPS at well

APPLICATION FOR PERMIT TO DIVERT OR WITHDRAW FOR BENEFICIAL USE THE PUBLIC WATERS OF THE STATE OF MISSISSIPPI

DEPARTMENT OF ENVIRONMENTAL QUALITY, OFFICE OF LAND AND WATER RESOURCES
P.O. BOX 10631, JACKSON, MS 39289-0631; (601) 961-5202

This box is for office use only. 10-8-96 AGN.

FORM OLWR-AP-2 (REV. 9/94)

Issued: 12-9-86	Expires: ~~12-9-2006~~	Fee Paid: X	Permit No.
Lat. 30 56 38	Long. 88 31 16	Elev. 284	USGS No. D039
Quad. Lucedale	ASCS Farm No.	STAC.	MSDOH No.
Aquifer: MOCN	Tract No.		Basin No. 03170006
Remarks:			Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): **NEW PERMIT** (RENEWAL) **PERMIT NO.** MS-GW-01513 (Well No. 3)

THIS APPLICATION IS FOR (Circle one): (GROUNDWATER) **COMPLETE A,B,E**

SURFACE WATER - COMPLETE A,C,D,E

RECEIVED
JUL 10 1996
Dept. of Environmental Quality
Office of Land & Water Resources

BENEFICIAL USE (Circle one or more): (1) Public Supply - Municipal, Rural Water, or Private Water 2) Irrigation 3) Industrial 4) Fish Culture 5) Recreation 6) Institutional (eg. Church, School) 7) Commercial (eg. Hotel, Casino, Restaurant) 8) Fire Protection 9) Livestock 10) Flood Protection 11) Other: _____

SECTION A (to be completed by ALL APPLICANTS)

LANDOWNER: Rocky Creek Utilities, Inc. (Name) 64-0443944 (SSN or Tax ID No.)

1197 Rocky Creek Road (Address)

Lucedale, (City) MS (State) 39452 (Zip) (601) 947 - 4302 (Telephone No.)

APPLICANT, AGENT, OR LESSEE (if different from Landowner):

_____ (Name) _____ (SSN or Tax ID No.)

MAP sent

_____ (Address)

_____ (City) _____ (State & Zip) ( ) _____ - _____ (Telephone)

O.K. **Location of diversion/withdrawal point** (A suitable map with location marked must accompany this application):

NW 1/4 of the SE 1/4 of Section 19, Township 1S, Range 5W, County George

Does the land to which this application pertains have any source(s) of water other than that for which you are now applying (circle one)? YES (NO) If yes, describe the nature and amount of any additional supply and, if applicable, list permit number. _____

SECTION B (to be completed for GROUNDWATER SOURCE)

1. **AQUIFER:** Miocene O.K. **MISSISSIPPI DEPARTMENT OF HEALTH NO.:** 200006-1
2. Proposed work will begin on _____, 19____, and will be completed by _____, 19____.
   If well has already been drilled, when was well completed (date)? November, 19 83. Under whose name was well originally drilled (if known)? Rocky Creek Utilities, Inc.
3. Description of proposed or completed well:
   (a) DEPTH OF WELL: 1172 feet. DRILLER: Griner Drilling Service, Inc.
   (b) SURFACE CASING: Length 1132 feet; Diameter 8 5/8 inches; Type Welded
   (c) SCREEN: Length 30 feet; Diameter 6 5/8 inches; Type Bar Welded
   (d) PUMP: Type Floway; Size _____; Capacity 228 gallons per minute; Setting depth 259 feet
   (e) POWER UNIT: Type _____; Size _____ horsepower
4. **PERMITTED VOLUME:**
   (a) _____ acre-feet per year at a maximum rate of _____ gallons per minute
   (b) ~~0.04~~ 0.12 million gallons per day at a maximum rate of ~~175~~ 228 gallons per minute

(CONTINUED ON BACK)

0.04 175

SECTION C (to be completed for SURFACE WATER SOURCE)

1. Source of water is from _____ which drains into _____
   which drains into _____ (major stream or river)
2. Discription of pump/diversion works:
   Pump (size & type): _____ Power Unit (size & type): _____
   Lift: _____ feet Maximum capacity: _____ gallons per minute
3. _____ acre-feet per year at a maximum rate of _____ gallons per minute

SECTION D (to be completed for SURFACE WATER IMPOUNDMENTS {DAMS} on continuously flowing streams)

1. Name of storage reservoir: _____ Dam Height: _____ feet
2. Surface area at normal pool: _____ Storage capacity at normal pool: _____ acre-feet

SECTION E WATER USE DATA (ALL APPLICATIONS - complete section related to beneficial use)

1. **IRRIGATION**: List the number of acres of each crop to be irrigated: Rice_____; Cotton_____; Oats_____;
   Corn_____; Soybeans_____; Pasture_____; Truck_____; Wheat_____; Grain Sorgum_____;
   Other (specify)_____ Acres_____
   A. Method of Irrigation (circle one) - **Center Pivot** **Flood** **Furrow**
   B. Land Condition (circle one) - **Precision Land Formed** **Smoothed**
   C. ASCS Farm No._____ **Tract No.**_____
2. **FISH CULTURE**: Explain how water will be used: _____
   How often will reservoir (s) be emptied and refilled? _____
3. **MUNICIPAL, WATER ASSOCIATION, or PRIVATE WATER SYSTEM**
   Chose "a" or "b". (a) The number of people served is _____ or (b) The number of connections is 493
   What is the estimated average daily consumption during periods of maximum use at the end of each five-year period during the next twenty (20) years? 0.1 mgd (Volume) 2000 (Year); 0.13 mgd (Volume) 2005 (Year); 0.2 mgd (Volume) 2010 (Year); 0.25 (Volume) 2015 (Year)
4. **INDUSTRIAL** : If the water is to be released into a watercourse, indicate the amount released each year _____;
   Rate of release _____; NPDES Permit No. _____
   Explain any changes in quality of water to be released: _____
   Explain how water will be used: _____
   How much groundwater will be used for once-through non-contact cooling? _____
5. **RECREATION**: Explain how water will be used: _____
6. **OTHER USE**: Explain in detail (if needed, attach another page): _____
7. **REMARKS**: _____

List below the person to be contacted for additional information if required.

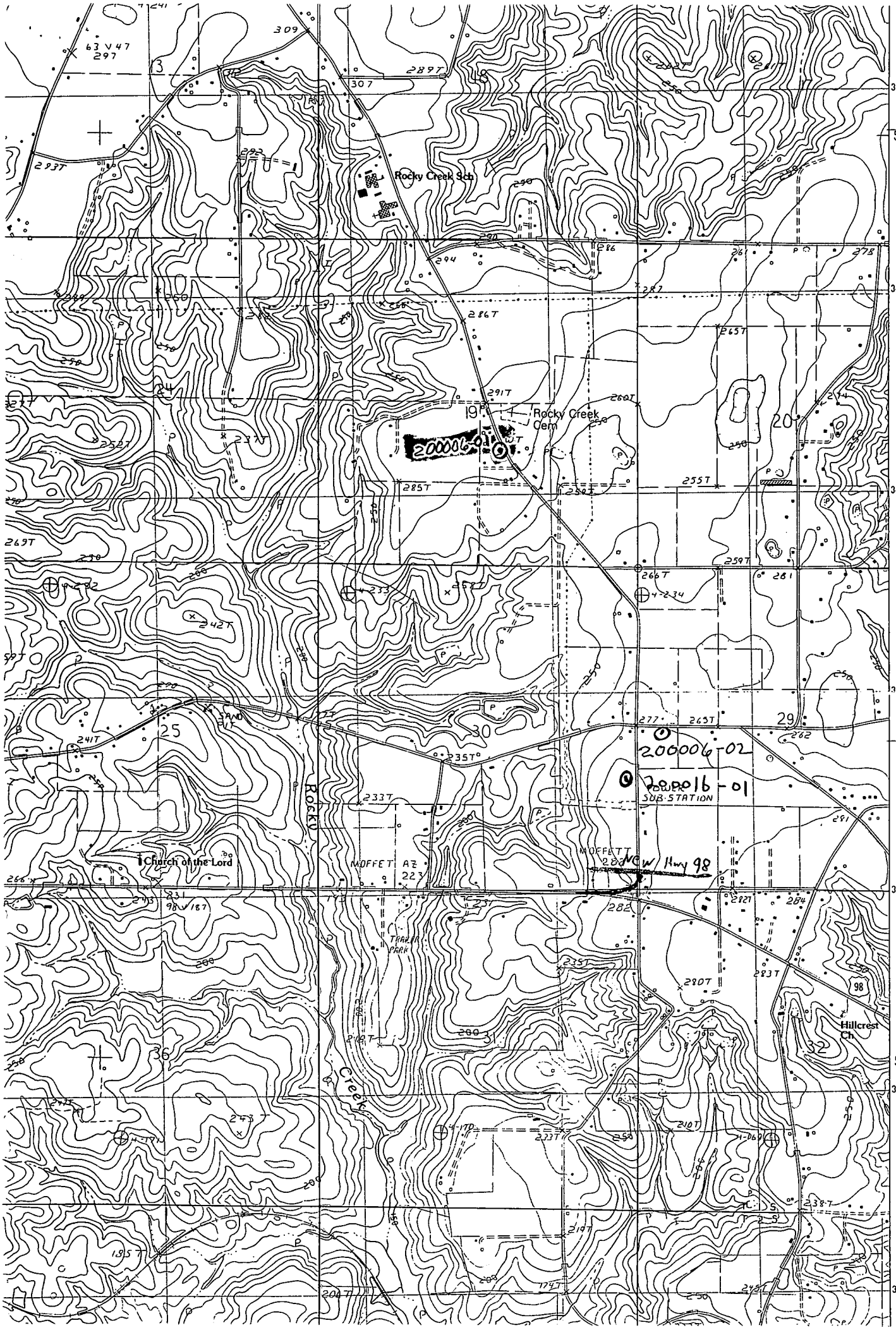
Robert "Bob" Diamond, P.E.
(Name) Batson & Brown, Inc.
P. O. Box 205
(Address)
Lucedale, MS 39452
(City, State, Zip)
601/947-8619
(Telephone)

The accompanying map is hereby declared a part of this application.
For irrigation and fish culture use, an ASCS photograph is required.
The **TEN DOLLAR ($10.00) permit fee** is enclosed herewith.

Bob Diamond
(Signature)

Subscribed and sworn to before me this 12th day of July, 1996, at Lucedale County of George

My commission expires 1-25-97; Peggy J. Pittman Notary Public.


Rocky Creek Sch
Rocky Creek Cem
200006-01
200006-02
200016-01
SUB-STATION
Church of the Lord
MOFFETT AZ 223
MOFFETT
NEW Hwy 98
TRAILER PARK
Hillcrest Ch.
ROCKY
Creek
3426
3425
3424
3423
3422
3421
3420
57' 30"
55'