

TRANSMITTED FOR ADP 1/86

1781 WTD

Recorded by JM
Date 6/13/85

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

Well No. 144
E-Log No. 61
County George

Site ID 3.0.5.5.5.3.0.8.8.3.0.4.5.0.1 R=0* T=A* 2=W*

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

Lat. 9=3.0.5.5.5.3* Long. 10=10.8.8.3.0.4.5* Well No. 12=10.0.4.4*

Location 13=N.W.S.W. S. 2.9. T. 0.1. S. R. 0.5. W. I.* Alt. 16=27.5.*

Hyd. Unit (OWDC) 20= Date 21=05.1.3.1.1.19.8.5*

Well use 23=W* Water Use 24=P* Hole depth 27=122.0.* Well depth 28=111.2.*

WL 30=1.8.6.* Date 31=06.1.0.7.1.19.8.5* Source 33=D*

Status 273= Project No. 5=

GEN. SITE DATA

OWNER

R=158* T=A* Date 159# 08.1.0.1.1.19.8.5* Owner No. _____

Owner 161# R.O.C.K.Y. C.R.E.E.K. W/A

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# 06.1.0.7.1.19.8.5* pH 196#00400* 197=7.2*

CONSTR.

R=58* T=A* 59# 1* Date 60=08.1.0.1.1.19.8.5* Remarks _____

Drlg. 63=1.8.4* Name Griner Method 65=H* Finish 66=6*

CASING

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

Top csng. 77# 0.* Bot. csng. 78=1.0.4.2.* Diam. 79# 8.*

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

Top csng. 77# 1.0.0.2.* Bot. csng. 78=1.0.8.2.* Diam. 79# 6.*

OPENINGS

R=82* T=A* 59# 1* Top 83# 1.0.8.2.* Bottom 84=1.1.1.2.*

Type 85=3* Diam. 87=6.* Size 88=.0.0.7*

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=1.7.5.* Q/S 272=

134 flows 146 pumped

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

LIFT Date 38= 0.8 / 0.1 / 1985 * H.P. 46= 25. *

LOGS
 R=198* T= A * Log 199# E * Top 200= 50. * Bot 201= 1220. *
 R=198* T= A * Log 199# D * Top 200= 0. * Bot 201= 1220. *
 R=189* T= A * E Log No. 190# 0.61 * 191= M I S S D I S T *

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

AQUIFERS
 R=90* T= A * 256# 1 * Top 91= 117.8. * Bot 92= 1206. *
 Unit ID 93= 1220626 * Name of Unit MOCN
 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)/ft²
 110= * Storage coeff. Boundaries

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

Water Level Data Collection (1)

PH 7.3
 Fe = .26
 .58 5 x 3 kst well
 tested 60gpm 10' dd

description of formations encountered	from	to
TOP SOIL	0	3
SAND & CLAY streaks	3	38
SAND	38	112
CLAY, ROCKS + SANDS	112	910
SAND & CLAY STREAKS	910	950
CLAY	950	1038
SAND, medium to fine	1038	1160
CLAY	1160	1178
SAND	1178	1206
CLAY	1206	1220

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

George
D44
8-1-85

BW
 01514

AUG. 19 85 Y RIVER DRILLING SER. GEORGE
 date well completed firm name county well located

LANDOWNER: <u>ROCKY CREEK</u>	description of formations encountered	from	to
<u>UTILITIES, WELL</u>	<u>TOP SOIL</u>	<u>0</u>	<u>3</u>
<u>NO. 4</u>	<u>SAND + CLAY STRATA</u>	<u>3</u>	<u>38</u>
(mailing address)	<u>SAND</u>	<u>38</u>	<u>112</u>
<u>WELL LOCATION: NW 1/4 NW 1/4 SW 1/4</u>	<u>CLAY, ROCKS + SANDS</u>	<u>112</u>	<u>910</u>
sec. <u>29</u> T. <u>1</u> N. <u>5</u> R. <u>5</u> E. <u>W</u>	<u>SAND + CLAY STRATA</u>	<u>910</u>	<u>950</u>
(distance) miles (direction) of (nearest town)	<u>CLAY</u>	<u>950</u>	<u>1038</u>
<u>WELL PURPOSE: WATER W. A.</u>	<u>SAND, medium to fine</u>	<u>1038</u>	<u>1160</u>
(home, irrigation, municipal, industrial)	<u>CLAY</u>	<u>1160</u>	<u>1178</u>
<u>WELL COMPLETION DATA:</u>	<u>SAND</u>	<u>1178</u>	<u>1206</u>
(1) diameter (inches) <u>8 7/8</u>	<u>CLAY</u>	<u>1206</u>	<u>1220</u>
(2) total depth (feet) <u>1112</u>			
(3) static water level (feet) <u>185</u> <u>below</u> <u>above</u> top of ground.			
(4) casing <u>steel</u> , <u>1072</u> , (material) (depth) <u>8 5/8</u> if telescope see back. (size)			
(5) screen <u>30 1/2</u> , <u>1082</u> (length) (depth to top) <u>60</u> , <u>20 x 5.5 (.007)</u> (size) (material)			
(6) pump <u>25</u> , <u>175</u> (HP) (yield gpm) <u>Elect</u> (type power)			
(7) electric log <u>Yes</u> (yes or no) <u>MISS. GEOL. SURVEY</u> (organization running log)			
(8) how well bottom plugged <u>5 ft. string</u> <u>BACKWASH VALVE</u>			
DRILLERS REMARKS:			

REGISTERED

AUG 30 1985

Department of Nat.
 Bureau of Land & Water

**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

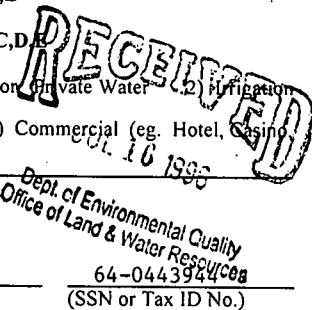
This box is for office use only. 10-8-96 AGN. FORM OLWR-AP-2 (REV. 9/94)

Issued: <u>1-27-87</u>	Expires: <u>12-9-2006</u>	Fee Paid: <u>X</u>	Permit No.
Lat. <u>30 55 52</u>	Long. <u>88 30 39</u>	Elev. <u>213</u>	USGS No. <u>0044</u>
Quad. <u>Lucedale</u>	ASCS Farm No.	STAC.	MSDOH No.
Aquifer: <u>MOCN</u>	Tract No.		Basin No. <u>03170006</u>
Remarks:			Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): NEW PERMIT RENEWAL - PERMIT NO. MS-GW-01514
(Well NO. 4)

THIS APPLICATION IS FOR (Circle one): GROUNDWATER - COMPLETE A,B,E
 SURFACE WATER - COMPLETE A,C,D

BENEFICIAL USE (Circle one or more): Public Supply - Municipal, Rural Water, or Private Water 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/CEA (SSN or Tax ID No.)
1197 Rocky Creek Road (Address)
Lucedale, MS 39452 (City) (601) 947 - 4302 (State & Zip) (Telephone No.)

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

(Name) _____ (SSN or Tax ID No.) _____
(Address) _____
(City) _____ (State & Zip) _____ (Telephone) _____

MAP SENT

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

o.k. NW 1/4 of the SW 1/4 of Section 29, Township 15, 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)

- AQUIFER: _____ MISSISSIPPI DEPARTMENT OF HEALTH NO.: 200006-2
- Proposed work will begin on _____, 19____, and will be completed by _____, 19____.
If well has already been drilled, when was well completed (date)? October, 1985. Under whose name was well originally drilled (if known)? Rocky Creek Utilities, Inc.
- Description of proposed or completed well:
 - DEPTH OF WELL: 1117 feet. DRILLER: Griner Drilling Service, Inc.
 - SURFACE CASING: Length 1082 feet; Diameter 8 5/8 inches; Type Welded and Coated
 - SCREEN: Length 30 feet; Diameter 6 inches; Type Houston
 - PUMP: Type Peabody / Floway; Size _____; Capacity 175 gallons per minute; Setting depth 367 feet
 - POWER UNIT: Type _____; Size _____ horsepower
- PERMITTED VOLUME:
 - _____ acre-feet per year at a maximum rate of _____ gallons per minute
 - 0.04 0.09 million gallons per day at a maximum rate of 175 gallons per minute

(CONTINUED ON BACK)

0-04

175

SECTION C (to be completed for **SURFACE WATER SOURCE**)

- Source of water is from _____ which drains into _____
which drains into _____
(major stream or river)
- Description of pump/diversion works:
Pump (size & type): _____ Power Unit (size & type): _____
Lift: _____ feet Maximum capacity: _____ gallons per minute
- _____ 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)

- Name of storage reservoir: _____ Dam Height: _____ feet
- 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)

- IRRIGATION:** List the number of acres of each crop to be irrigated: Rice _____; Cotton _____; Oats _____; Corn _____; Soybeans _____; Pasture _____; Truck _____; Wheat _____; Grain Sorghum _____; 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. _____

- 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?
- | | | | | | | | |
|----------------|-------------|-----------------|-------------|----------------|-------------|-----------------|-------------|
| <u>0.1 mgd</u> | <u>2000</u> | <u>0.13 mgd</u> | <u>2005</u> | <u>0.2 mgd</u> | <u>2010</u> | <u>0.25 mgd</u> | <u>2015</u> |
| (Volume) | (Year) | (Volume) | (Year) | (Volume) | (Year) | (Volume) | (Year) |

- 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? _____

- RECREATION:** Explain how water will be used: _____

- OTHER USE:** Explain in detail (if needed, attach another page): _____

- 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.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

Lucedale Quad

USER NAME(S): SH Bishop DATE: 8-7-94
UNIT DEQ #: 82859 FILE #: D080321A
HEALTH DEPT. #: 200006-02 ELEV. 270
USGS #: D-9001 D44 OLWR #: GW-1514
OWNER: Rocky Cr. utility
LOCATION: ^{NW} NW SW S 29 T 15 R 5W COUNTY: Georgia
LOCATION DESCRIPTION: on old Mobile Hwy 10^m E. of Rocky Cr. RD
CASING DIA: _____ PUMP TYPE & SIZE: 25^{1/2} Elec.
GPS FIELD LOCATION: LAT. 30° 55.894 LONG. 88° 30.682
30.93200417 88.51102805
GPS CORRECTED LOCATION: LAT. 30 55 55.215 LONG. 88 30 39.701
REMARKS: Gps Located at well

