<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site ID</td>
<td>3X, 5.6, 39, 0.8, 3, 1, 1.8, 0.1</td>
</tr>
<tr>
<td>Lat.</td>
<td>SW</td>
</tr>
<tr>
<td>Long.</td>
<td>9° 35′ 56.39″</td>
</tr>
<tr>
<td>SW Location</td>
<td>15° N, W, S, 1.9, T, 0.1, 18, R, 0.5, W</td>
</tr>
<tr>
<td>Alt.</td>
<td>16.2</td>
</tr>
<tr>
<td>Hyd. Unit (OWOC)</td>
<td>20 = 0.3, 1, 0, 0, 0, 1</td>
</tr>
<tr>
<td>Well use</td>
<td>23 = W</td>
</tr>
<tr>
<td>Water use</td>
<td>24 = D</td>
</tr>
<tr>
<td>Hole depth</td>
<td>27 = 14.5</td>
</tr>
<tr>
<td>Well depth</td>
<td>28 = 11.7</td>
</tr>
<tr>
<td>WL</td>
<td>30 = 1.96</td>
</tr>
<tr>
<td>Date</td>
<td>31 = 12.01.1982</td>
</tr>
<tr>
<td>Source</td>
<td>33 = D</td>
</tr>
<tr>
<td>Status</td>
<td>273 = 1</td>
</tr>
<tr>
<td>Project No.</td>
<td>S = 1</td>
</tr>
<tr>
<td>R = 158</td>
<td>T = A</td>
</tr>
<tr>
<td>Date</td>
<td>159 = 12.01.1982</td>
</tr>
<tr>
<td>Owner No.</td>
<td>3</td>
</tr>
<tr>
<td>Temp.</td>
<td>196 = 0.0010</td>
</tr>
<tr>
<td>Cond.</td>
<td>196 = 0.00095</td>
</tr>
<tr>
<td>pH</td>
<td>196 = 0.0040</td>
</tr>
<tr>
<td>Date</td>
<td>60 = 12.01.1982</td>
</tr>
<tr>
<td>Name</td>
<td>Extra Drilling</td>
</tr>
<tr>
<td>Method</td>
<td>65 = H</td>
</tr>
<tr>
<td>Finish</td>
<td>66 = S</td>
</tr>
<tr>
<td>Diam.</td>
<td>79 = 1.8</td>
</tr>
<tr>
<td>Top casing</td>
<td>77 = 1.1</td>
</tr>
<tr>
<td>Bot. casing</td>
<td>78 = 1.1</td>
</tr>
<tr>
<td>Diam.</td>
<td>79 = 0.6</td>
</tr>
<tr>
<td>Top casing</td>
<td>77 = 1.1</td>
</tr>
<tr>
<td>Bot. casing</td>
<td>78 = 1.1</td>
</tr>
<tr>
<td>Type</td>
<td>85 = S</td>
</tr>
<tr>
<td>Dia.</td>
<td>87 = 16</td>
</tr>
<tr>
<td>Size</td>
<td>88 = 0.08</td>
</tr>
<tr>
<td>Type</td>
<td>85 = S</td>
</tr>
<tr>
<td>Dia.</td>
<td>87 = 16</td>
</tr>
<tr>
<td>Size</td>
<td>88 = 0.08</td>
</tr>
<tr>
<td>YIELD</td>
<td>146</td>
</tr>
<tr>
<td>Q</td>
<td>150 = 1.75</td>
</tr>
<tr>
<td>Q/S</td>
<td>272 =</td>
</tr>
</tbody>
</table>

134 flows 146 pumped
LIFT
Date: 12/01/1982

LOCS
R=1984
T= A
Log 1990 E
Top 200
R=1984
T= A
Log 1990 D
Top 200
R=1894
T= A
E Log No. 1900 85.7

ANAL.
R=1144
T= A
Year 115

ACQUISERS
R=903
T= A
2560 1
Top 91 1.08 0

HYDRAULICS
R=98
T= A
99F 1
Unit tested 100
Test No. 106

R=105
T= A
99F 1
107
108
110

R=121
T=*
Yr Begin 122

Water: Level Data Collection (1)
TDS = 253
Fe = 45
Color = 15

12/17/82
pump on at 1055

<table>
<thead>
<tr>
<th>Description of formations encountered</th>
<th>from</th>
<th>to</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLAY</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>SAND</td>
<td>2</td>
<td>20</td>
</tr>
<tr>
<td>CLAY + ROCK</td>
<td>70</td>
<td>71</td>
</tr>
<tr>
<td>CLAY</td>
<td>72</td>
<td>73</td>
</tr>
<tr>
<td>SAND + CLAY + SAND + SAND + SAND+ CLAY + SAND + CLAY + SAND + CLAY + SAND + SAND</td>
<td>371</td>
<td>433</td>
</tr>
</tbody>
</table>
**MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES**
Bureau of Land and Water Resources
Southport Mall
P.O. Box 10631
Jackson, Mississippi 39209
WATER WELL DRILLERS LOG

<table>
<thead>
<tr>
<th>Landowner: Rocky Creek Limited</th>
<th>Well No. 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>mailing address: 431 S. Sand Rd</td>
<td>clay</td>
</tr>
<tr>
<td>well location: 341.4 NW 5th Ave</td>
<td>sand</td>
</tr>
<tr>
<td>sec. 17 T. R. 5 W</td>
<td>clay</td>
</tr>
<tr>
<td>miles of town: 371 L</td>
<td>clay</td>
</tr>
<tr>
<td>well purpose: Rural-irrigation</td>
<td>sand</td>
</tr>
<tr>
<td>well completion data:</td>
<td>clay</td>
</tr>
<tr>
<td>1. diameter (inches): 8.78</td>
<td>clay &amp; hard</td>
</tr>
<tr>
<td>2. total depth (feet): 1172</td>
<td>sand &amp; lime</td>
</tr>
<tr>
<td>3. static water level (feet) below top of ground: 14.17</td>
<td>sand &amp; clay</td>
</tr>
<tr>
<td>4. casing (material)</td>
<td>clay</td>
</tr>
<tr>
<td>5. screen</td>
<td>clay</td>
</tr>
<tr>
<td>6. pump</td>
<td>95</td>
</tr>
<tr>
<td>7. electric log: 1200 footer</td>
<td>yes</td>
</tr>
<tr>
<td>8. how well bottom plugged: B</td>
<td>May 2, 1983</td>
</tr>
</tbody>
</table>

**RECEIVED**
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

Lacedale Quad

USER NAME(S):   #7 Bishop Hornbeck   DATE:   7/25/96

UNIT DEQ #:   82859   82859   FILE #:   B072600C

HEALTH DEPT. #:   200006-01   ELEV.   285

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

OWNER:   Rocky Cr. Utility   Lacedale Quad

LOCATION:   NW-SE S 1° T 15 R Sw  COUNTY:   George

LOCATION DESCRIPTION:   On Rocky Cr. Rd 1.4 mi. N. of Hwy 98

Rocky Cr. Turns North off Hwy 98. Across from Old Hwy 98 intersection

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

GPS FIELD LOCATION:   LAT.   30° 56' 39.3"   LONG.   88° 31' 2.5"

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

Issued: 12-7-86
Expire: 12-7-2006
Fee Paid: X
Permit No.
USGS No. D039

Lat. 30 56 58
Long. 88 31 16
Elev. 284

Quad. Lucedale
Aquifer: MCSN
Tract No. 24
Basin No. 03120006
Type A. E

THIS APPLICATION IS FOR (Circle one): NEW PERMIT NOT RENEWAL PERMIT

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

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. 64-0443944
(Name) (SSN or Tax ID No.)

1197 Rocky Creek Road
(Address)
Lucedale, MS 39452 (601) 947 - 4302
(City) (State & Zip) (Telephone No.)

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

(Name) (SSN or Tax ID No.)

(Address)

(City) (State & Zip) (Telephone)

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 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)

1. AQUIFER: Miocene O.K. MISSISSIPPI DEPARTMENT OF HEALTH NO.: 200006-1
2. Proposed work will begin on , and will be completed by .

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
   (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) million gallons per day at a maximum rate of 175 - 288 gallons per minute

(continued on back)
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. Description 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 IMPROVEMENTS (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 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. ___________

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
   Choose "a" or "b". (a) The number of people served is ___________; or (b) The number of connections is ___________;
   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?
<table>
<thead>
<tr>
<th>Year</th>
<th>Volume</th>
<th>Year</th>
<th>Volume</th>
<th>Year</th>
<th>Volume</th>
<th>Year</th>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(gal)</td>
<td></td>
<td>(gal)</td>
<td></td>
<td>(gal)</td>
<td></td>
<td>(gal)</td>
</tr>
<tr>
<td>2000</td>
<td>0.1 mgd</td>
<td>2005</td>
<td>0.2 mgd</td>
<td>2010</td>
<td>0.25 mgd</td>
<td>2015</td>
<td>0.25 mgd</td>
</tr>
<tr>
<td></td>
<td>(Year)</td>
<td></td>
<td>(Year)</td>
<td></td>
<td>(Year)</td>
<td></td>
<td>(Year)</td>
</tr>
</tbody>
</table>

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, F.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.

(*Signature*)

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

**Peggy F. Fillman**
*Notary Public*