MS-CW-04266
Dep. # 140001-01

FORM 9-1642
(1-88)

WELL SCHEDULE
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

PUNCHD CLARK DALE QUAD

Record by

Source of data

Date: 10-24-71

Map:

Well No.

State: COAHOMA

County: CLARK

Latitude: 34075' N

Longitude: 91043' W

Lat-long accuracy: 0.00006'

Local well number: 0

Local use: None

Owner or name: Bobo, Miss

Address: 140001-01

Ownership: County


Use of stock, Instill, Unused, Repurpose, Recharge, Desal, Desal other, Other

Stock, Instill, Unused, Repurpose, Recharge, Desal, Desal other, Other

Use of (A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R)


DATA AVAILABLE: Well data

Freq. W/L meas:

Field aquifer char.

Hyd. lab. data:

Qual. water data:

Freq. sampling:

Pumpage inventory:

Aperture cards:

Log date:

Well Description Card

SAME AS ON MASTER CARD

Depth well: 1208 ft

Casing:

(Dist perf.) ft

Depth cased:

(ft perf.) ft

Finish:

Concrete, (perl.), (screen), gallery, end,

Method:

Drilled:

Date:

Driller:

Lift:

Power:

Descrip. LP:

Alt. LSD:

Water Level:

Water Level:

Date:

Extract:

Yield:

Accurary:

QUALITY OF WATER DATA:

Quality:

Sp. Conduct:

Temp.

Date sampled:

Taste, color, etc.


118' - 1310'

Robert Ratliff

Grenada, Miss.

(A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R)

Deep

Shallow

10

U

above

below LSD, Alt. MP

Accuracy:

Accuracy:

11:0

110 gpm

4

720 K x 10

4

2.4

2.7:2

Meb.: 12.8, Fe: 15, Hid: 9
<table>
<thead>
<tr>
<th>LANDOWNER: Association Inc., Clarksdale, Miss (mailing address)</th>
<th>description of formations encountered</th>
<th>from</th>
<th>to</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sand</td>
<td>0</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>Gravel</td>
<td>90</td>
<td>110</td>
</tr>
<tr>
<td>WELL LOCATION: sec 11, T 26 N, R 5 W, 5 miles South, Bobo (distance), (direction), (nearest town)</td>
<td>Clay</td>
<td>110</td>
<td>120</td>
</tr>
<tr>
<td></td>
<td>Sand</td>
<td>110</td>
<td>120</td>
</tr>
<tr>
<td></td>
<td>Clay</td>
<td>110</td>
<td>120</td>
</tr>
<tr>
<td></td>
<td>Sand</td>
<td>220</td>
<td>225</td>
</tr>
<tr>
<td>WELL PURPOSE: Industrial (home, irrigation, municipal, industrial)</td>
<td>Sand</td>
<td>320</td>
<td>325</td>
</tr>
<tr>
<td></td>
<td>Clay</td>
<td>320</td>
<td>325</td>
</tr>
<tr>
<td></td>
<td>Sand</td>
<td>390</td>
<td>390</td>
</tr>
<tr>
<td>WELL COMPLETION DATA: (1) diameter (inches) 7&quot;</td>
<td>Sand</td>
<td>520</td>
<td>525</td>
</tr>
<tr>
<td>(2) total depth (feet) 1212'</td>
<td>Clay + Shale</td>
<td>525</td>
<td>530</td>
</tr>
<tr>
<td>(3) static water level (feet) below top of ground 9'</td>
<td>Sand</td>
<td>530</td>
<td>535</td>
</tr>
<tr>
<td></td>
<td>Shale</td>
<td>535</td>
<td>540</td>
</tr>
<tr>
<td>(4) casing (material) 114'</td>
<td>Sand</td>
<td>1060</td>
<td>1065</td>
</tr>
<tr>
<td></td>
<td>Shale</td>
<td>1065</td>
<td>1070</td>
</tr>
<tr>
<td></td>
<td>Shale</td>
<td>1070</td>
<td>1075</td>
</tr>
<tr>
<td></td>
<td>Sand</td>
<td>1140</td>
<td>1145</td>
</tr>
<tr>
<td></td>
<td>Fine Sand</td>
<td>1145</td>
<td>1150</td>
</tr>
<tr>
<td></td>
<td>Fine Sand</td>
<td>1150</td>
<td>1155</td>
</tr>
<tr>
<td></td>
<td>Fine Sand</td>
<td>1155</td>
<td>1160</td>
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<tr>
<td></td>
<td>Fine Sand</td>
<td>1160</td>
<td>1165</td>
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<tr>
<td></td>
<td>Fine Sand</td>
<td>1165</td>
<td>1170</td>
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<td></td>
<td>Fine Sand</td>
<td>1170</td>
<td>1175</td>
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<tr>
<td></td>
<td>Fine Sand</td>
<td>1175</td>
<td>1180</td>
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<tr>
<td></td>
<td>Fine Sand</td>
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<tr>
<td></td>
<td>Fine Sand</td>
<td>1185</td>
<td>1190</td>
</tr>
<tr>
<td></td>
<td>Fine Sand</td>
<td>1190</td>
<td>1195</td>
</tr>
<tr>
<td></td>
<td>Fine Sand</td>
<td>1195</td>
<td>1200</td>
</tr>
<tr>
<td>(5) screen (size) 40', (length) 1172', (depth to top) 1&quot;</td>
<td>Sand</td>
<td>1225</td>
<td>1230</td>
</tr>
<tr>
<td></td>
<td>Shale</td>
<td>1230</td>
<td>1235</td>
</tr>
<tr>
<td></td>
<td>Shale</td>
<td>1235</td>
<td>1240</td>
</tr>
<tr>
<td></td>
<td>Shale</td>
<td>1240</td>
<td>1245</td>
</tr>
<tr>
<td></td>
<td>Shale</td>
<td>1245</td>
<td>1250</td>
</tr>
<tr>
<td>(6) pump (HP) 10, (yield gpm) 110</td>
<td>Electric</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(7) electric log (yes or no) yes, (organization running log)</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(8) how well bottom plugged 4&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

DRILLERS REMARKS:
If well telescopes please sketch and show depths.

GROUND LEVEL

Please indicate well location X.

If more than one screen, show locations of each on sketch.
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Grantham DATE: 5-7-97
UNIT DEQ #: FILE #: B050720C
HEALTH DEPT. #: 140001-01 ELEV. 163
USGS #: H-009 OLWR #: MS-GW-04366
OWNER: BoBo Utilities
LOCATION: WENNY'S 14 T OLWR SW COUNTY: Cogoma
LOCATION DESCRIPTION: 

CASING DIA: 6" PUMP TYPE & SIZE: Submar
GPS FIELD LOCATION: LAT. 34 08 02.1 LONG. 90 40 42.5
GPS CORRECTED LOCATION: LAT. 34.133922 LONG. 90.67848035
REMARKS: Wells are 6'o apart

Quad-Shaw
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 39298-0631; (601) 961-5202

This box is for office use only.

<table>
<thead>
<tr>
<th>Issued: 2-28-87</th>
<th>Expires: 4-8-2007</th>
<th>Fee Paid: $</th>
<th>Permit No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lat: 34°08'01&quot;</td>
<td>Long: 90°30'43&quot;</td>
<td>Elev: 160</td>
<td>USGS No.</td>
</tr>
<tr>
<td>Quad: Southeast</td>
<td>ASCS Farm No.</td>
<td>STAC.</td>
<td>MDDH No.</td>
</tr>
<tr>
<td>Aquifer: Myuwix</td>
<td>Tract No.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remarks:</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

THIS APPLICATION IS FOR (Circle one): NEW PERMIT RENEWAL PERMIT NO. MS - GW - 043

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 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: Bobo Utility District (Name) (SSN or Tax ID No.)

P.O. Box 1087 (Address)

Clarksdale MS 38614 (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):

NE 1/4 of the NE 1/4 of Section 14 Township 20N Range SW County Coahoma

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: Mead, Upper Wilcox MISSISSIPPI DEPARTMENT OF HEALTH No. 014-0001

2. Proposed work will begin on _197_ and will be completed by _197_.

If well has already been drilled, when was well completed (date)? _10-31-1971_. Under whose name was well originally drilled (if known)? Bobo Water Association

3. Description of proposed or completed well:

(a) DEPTH OF WELL: 1212 feet. DRILLER: Robert E. Ratliff

(b) SURFACE CASING: Length 117 feet, Diameter 4" inches; Type Stainless Steel

(c) SCREEN: Length 40 feet; Diameter 4" inches; Type Stainless Steel

(d) PUMP: Type LP 4 booster, Size 6" x 6". Capacity 150 gallons per minute. Setting depth 90' feet

(e) POWER UNIT: Type Size horsepower

4. PERMITTED VOLUME:

(a) _acres feet per year at a maximum rate of_ gallons per minute

(b) _acres feet per year at a maximum rate of_ gallons per minute

(Continued on back)
SECTION C  (to be completed for SURFACE WATER SOURCE)

1. Source of water is from __________________________________________ 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
   ________________ 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 Sorghum __________;
   Other (specify) __________ acres
   A. Method of Irrigation (circle one) - Center Pivot __________ Furrow __________ Flood __________
   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 __________
   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? 0.216 1.64 2003 0.216 2007 0.216 2013
   (Volume) mgd (Year) __________ (Volume) mgd (Year) __________ (Volume) mgd (Year) __________ (Volume) mgd (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.

Penny Henson
(Name)
P.O. Box 1087
(Address)
Clarksdale, MS 38614
(City, State, Zip)
(601) 624-6701
(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.

Penny Henson
(Signature)

Subscribed and sworn to before me this 18th day of February 1997 at Coahoma County of Mississippi
My commission expires 4-5-97
Zoea Presley
Notary Public.