

**MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES**  
 Bureau of Land and Water Resources  
 Southport Mall  
 P.O. Box 10631  
 Jackson, Mississippi 39209  
**WATER WELL DRILLERS LOG**

LAUDERDALE  
9  
2033

5.5.86 19 McDONALD + HILL LAUDERDALE  
 date well completed firm name county well located

**LANDOWNER:**  
JOE COLLUM  
Rt#1 Box 159 ENTERPRISE MS  
 (mailing address)

**WELL LOCATION:**  
 sec. 12 T. 5 N R. 14 E  
 S W  
4 miles WEST of SAUDY  
 (distance) (direction) (nearest town)

**WELL PURPOSE:** HOME  
 (home, irrigation, municipal, industrial)

**WELL COMPLETION DATA:**

(1) diameter (inches) 4

(2) total depth (feet) 420'

(3) static water level (feet) 205' below above top of ground.

(4) casing PVC 350' (material) (depth)  
4" (size) if telescope see back.

(5) screen (length) (depth to top)  
 (size) (material)

(6) pump (HP) (yield gpm)  
 (type power)

(7) electric log (yes or no)  
 (organization running log)

(8) how well bottom plugged OPEN

| description of formations encountered | from       | to         |
|---------------------------------------|------------|------------|
| <u>SANDY CLAY</u>                     | <u>0</u>   | <u>10</u>  |
| <u>SAND</u>                           | <u>10</u>  | <u>45</u>  |
| <u>SHALE</u>                          | <u>45</u>  | <u>74</u>  |
| <u>ROCK ST SHALE</u>                  | <u>74</u>  | <u>85</u>  |
| <u>GREEN SAND</u>                     | <u>85</u>  | <u>95</u>  |
| <u>SHALE ST ROCK</u>                  | <u>95</u>  | <u>190</u> |
| <u>GREEN SAND</u>                     | <u>190</u> | <u>200</u> |
| <u>SHALE</u>                          | <u>200</u> | <u>210</u> |
| <u>COURSE SAND</u>                    | <u>210</u> | <u>280</u> |
| <u>FINE SAND</u>                      | <u>280</u> | <u>295</u> |
| <u>SAND</u>                           | <u>295</u> | <u>305</u> |
| <u>SOFT SHALE LIGNITE</u>             | <u>305</u> | <u>322</u> |
| <u>SOFT SAND</u>                      | <u>322</u> | <u>340</u> |
| <u>MED SHALE</u>                      | <u>340</u> | <u>360</u> |
| <u>SANDY SHALE FINE SAND</u>          | <u>360</u> | <u>405</u> |
| <u>SHALE</u>                          | <u>405</u> | <u>420</u> |

**RECEIVED**  
 MAR 17 1986

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**DRILLERS REMARKS:**  
SET PUMP @ 60'  
5-GPM