GW-00390

ALCORN
K92
12-12-79
Elog #49

DEPT. OF NATURAL RESOURCES
BUREAU OF LAND & WATER RESOURCES
CODED
FEB 19 1980
RECEIVED

MISSISSIPPI
BOARD OF WATER COMMISSIONERS
416 North State Street
Jackson, Mississippi 39201

WATER WELL DRILLERS LOG

12/12/79 (date well completed) 19 Layne Central Company (firm name) Biggersville Water #2 — Alcorn (county well located)

LANDOWNER: Alcorn County
P. O. Box 1398
Corinth, Miss. 38834
(mailing address)

WELL LOCATION:
sec. 9 T 3S N/S R 7 E/W
(distance) miles (direction) of (nearest town)

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

WELL COMPLETION DATA:
(1) diameter (inches) 12"
(2) total depth (feet) 517'
(3) static water level (feet) 123 below/above top of ground
(4) casing Steel (material), 51' (depth), 8" (size) If telescope see back.
(5) screen 61' (length), 450' (depth to top), 8" (size), wire wrap S.S. (material)
(6) pump 50 (HP) 120 (yield gpm)
Elec. (type power)
(7) electric log Yes. (yes or no)
Miss. Geological Survey (organization running log)
(8) how well bottom plugged shot

DRILLERS REMARKS:

| description of formations encountered | from | to |
|---|---|---|
| Hard Blue Clay & Rock | 0 | 69 |
| Sand & Clay stks. | 69 | 161 |
| Clay | 161 | 170 |
| Sand | 170 | 187 |
| Clay | 187 | 190 |
| Sand & Clay stks. | 190 | 208 |
| Sand | 208 | 231 |
| Sand & Clay stks. | 231 | 268 |
| Clay with sandy clay st | 268 | 286 |
| Shale & Rock stks. | 286 | 300 |
| Rock | 300 | 301 |
| Shale & Rock stks. | 301 | 314 |
| Sandy shale | 314 | 344 |
| Rock | 344 | 347 |
| Hard Shale & Rock | 347 | 357 |
| Rock | 357 | 359 |
| Hard Shale | 359 | 383 |
| Sand | 383 | 402 |
| Sandy Shale | 402 | 423 |
| Sand | 423 | 432 |
| Rock | 432 | 433 |
| Sand | 433 | 436 |
| Sand & Chert Rock | 436 | 496 |
| Hard Chert | 496 | 546 |
| Hard Rock & Clay | 546 | 556 |

CODED

x 50/511