

1/81 WTD

Recorded by WTD
Date 3/20/85

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

TRANSMITTED FOR ADP
5/85

Well No. K23
E-Log No. 45
County Kemper

31# 3.2# 9.4# 6.8# 8.2# 8.5# 7.0# 1.1# 250

Dist. 30 Report Agency ATUSBSA Dist. 6229 7229 to 3.0.6.1

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WATER

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134 flows 146 pumped

R=42* T= A * Lift type 43# 7* Intake 44= * Power type 45= E*

LIFF Date 38= 03/29/1985* H.P. 46= 25.0*

LOGS R=198* T= A * Log 199# E* Top 200= 30.0* Bot 201= 235.7*
 R=198* T= A * Log 199# D* Top 200= 0.0* Bot 201= 235.7*
 R=189* T= A * E Log No. 190# 0.45* 191= M I S S D I S T *

ANALY R=114# T= A * Year 115# 117# 120#

R=90* T= A * 256# 1* Top 91= 2200.0* Bot 92= 2345.0*

ACQUIFERS Unit ID 93= ZILMSSV * Name of Unit
 R=90* T= A * 256# 1* Top 91= Bot 92=
 Unit ID 93= Name of Unit

R=98* T= A * 99# 1* Unit tested 100= 108=

R=105* T= A * 99# 1* Test No. 106#

107= Transmissivity (gal/d)/ft

108= Hydraul. cond. (gal/d)/ft²

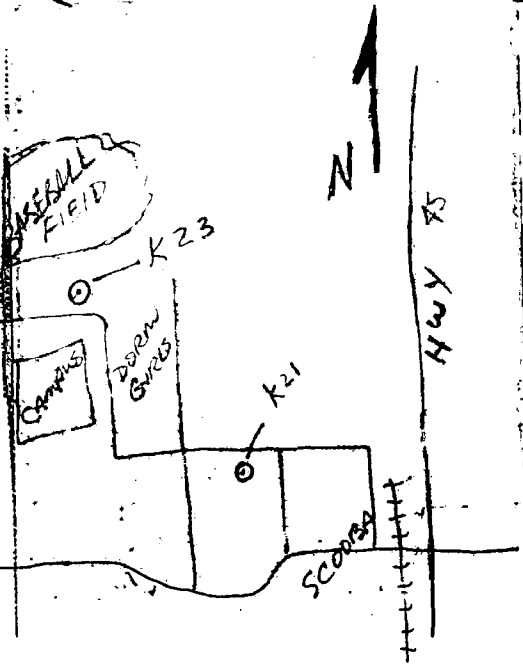
110= Storage coeff. Boundaries

R=121* T= A * ft Begin 122# Network 258#

Water Level Data Collection (1)

11-29-90
 2.3 = MP
 Hold = 65'
 Cnt = 3.21'

(6' dd @ 350gpm)



| | | |
|----------------------------|-------|-------|
| Yellow Clay | 0' | 251' |
| Blue Clay | 251' | 1051' |
| Lime | 1051' | 948' |
| Fine Sand | 948' | 1000' |
| Fine Sand + Hard Clay Stk. | 1000' | 1015' |
| Clay + Sand Stk. | 1015' | 1165' |
| Shale + Fine Sand Stk. | 1165' | 1324' |
| Fine Sand + Shale Stk. | 1324' | 1375' |
| Hard Shale | 1375' | 1395' |
| Fine Sand | 1395' | 1447' |
| Hard Shale + Sand Clay | 1447' | 1461' |
| Sand | 1461' | 1508' |
| Hard Clay | 1508' | 1518' |
| Sand | 1518' | 1530' |
| Clay | 1530' | 1553' |
| Sand | 1553' | 1573' |
| Hard Clay + Sand Stk. | 1573' | 1662' |
| Sand | 1662' | 1715' |
| Hard Shale + Sand Stk. | 1715' | 1807' |
| Hard Shale + Blue Clay | 1807' | 1823' |
| Sand | 1823' | 2076' |
| Hard Shale | 2076' | 2077' |
| Sand + Clay | 2077' | 2077' |
| Hard Shale | 2077' | 2098' |
| Fine Sand | 2098' | 2140' |
| Fine Sand + Clay Stk. | 2140' | 2167' |
| Sand + Hard Shale Stk. | 2167' | 2207' |
| Sand + Shale | 2207' | 2353' |
| Hard Shale | 2353' | 2357' |

10/14/92
 65.00
 4.61
 60.39
 2.30
 58.09

K23 (X)
 KEMPER
 3-29-85

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

CODED

03/29 1985 Layne-Central Co. KEMPER
 date well completed firm name county well located

LANDOWNER:
Town of Scooba
Scooba, Miss.
 (mailing address)

WELL LOCATION:
 sec. 5 T. 11 N. R. 18 E
 (distance) miles (direction) of (nearest town)

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

- WELL COMPLETION DATA:
- (1) diameter (inches) 10"
 - (2) total depth (feet) 2320'
 - (3) static water level (feet) 54' below above top of ground.
 - (4) casing STEEL 2270'
 (material) (depth)
10" if telescope see back.
 (size) 63' or 6"
 - (5) screen 40' 2270'
 (length) (depth to top)
6" Stainless Steel
 (size) (material)
 - (6) pump 25 250 G.P.M.
 (HP) (yield gpm)
Electrical
 (type power)
 - (7) electric log YES
 (yes or no)
Layne-Central Co.
 (organization running log)
 - (8) how well bottom plugged BACK PRESSURE VALVE

| description of formations encountered | from | to |
|---------------------------------------|-------|-------|
| yellow clay | 0' | 25' |
| blue clay | 25' | 105' |
| lime | 105' | 948' |
| fine sand | 948' | 1000' |
| fine sand + hard clay stk. | 1000' | 1015' |
| clay + sand stk. | 1015' | 1163' |
| shale + fine sand stk. | 1163' | 1224' |
| fine sand + shale stk. | 1224' | 1297' |
| hard shale | 1297' | 1375' |
| fine sand | 1375' | 1395' |
| hard shale + brown clay | 1395' | 1447' |
| sand | 1447' | 1461' |
| hard clay | 1461' | 1508' |
| sand | 1508' | 1518' |
| clay | 1518' | 1530' |
| sand | 1530' | 1553' |
| hard clay + sand stk. | 1553' | 1573' |
| sand | 1573' | 1662' |
| hard shale + sand stk. | 1662' | 1715' |
| hard shale + blue clay | 1715' | 1807' |
| sand | 1807' | 1823' |
| hard shale | 1823' | 2046' |
| sandy clay | 2046' | 2071' |
| hard shale | 2071' | 2098' |
| fine sand | 2098' | 2120' |
| fine sand + clay stk. | 2120' | 2164' |
| sand + hard shale stk. | 2164' | 2204' |
| sand + gravel | 2204' | 2353' |
| hard shale | 2353' | 2357' |



APR 11 1985

DRILLERS REMARKS:

Department of Natural Resources
 Bureau of Land & Water Resources

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hotwheak DATE: 1/16/97

UNIT DEQ #: 82859 FILE #: B011622B

HEALTH DEPT. #: 350004-02 ELEV. OK 230 ~~228~~

USGS #: K23 OLWR #: GW #00926

OWNER: Town of Scooba QUAD: Scooba

LOCATION: SE-NE s 6 T 11 N R 18 E COUNTY: Kemper

LOCATION DESCRIPTION: side of Block Pump house in fence at NW Corner of
Intersection of Kemper St. + 6th St. (Scooba)

CASING DIA: 10" PUMP TYPE & SIZE: Submersible

GPS FIELD LOCATION: LAT. 32° 49' 52.9" LONG. 88° 29' 08.6"

GPS CORRECTED LOCATION: LAT. 32.83095593 LONG. 88.48582764

REMARKS: GPS at Well.

