

6/78 WTO

TRANSMITTED FOR ADP

Recorded by WTO

U.S. GEOLOGICAL SURVEY

Well No. 538

Date 2/21/79

WATER RESOURCES DIVISION

E-Log No. _____

MISSISSIPPI DISTRICT

WELL

RECORD

APR

1979

County WALTHALL

GEN. SITE DATA

Site ID 330956090013901 R=0* T=A* 2=W*

Data reliab. 3-U* Report. agency 4-USGS* Dist. 6=28* 7=28* Co. 8=147*

Lat. _____ Long. 9=330956* 10=0900139* Well No. 12=5038*

Location 13=NESE 06 T 02 N R 12 E* Alt. 16=412.*

Hyd. Unit (OWDC) 20= Date 21=01/30/1979*

Well use 23=W* Water Use 24=Z* Hole depth 27=340.* Well depth 28=340.*

WL 30=150.* Date 31=01/30/1979* Source 33=D*

Status 273= Project No. 5=

OWNER

R=158* T=A* Date 159#01/30/1979* Owner No. Oil well Supply

Owner 161=BROWNINE + WELCH*

FIELD OW

R=192* T=A* Date 193# Temp. 196#00010* 197=

R=192* T=A* Date 193# Cond. 196#00095* 197=

R=192* T=A* Date 193# pH 196#00400* 197=

CONSTR.

R=58* T=A* 59#1* Date 60=01/30/1979* Remarks _____

Drlg. 63=184* Name Orner Drlg Method 65=H* Finish 66=P*

CASING

R=76* T=A* 59#1*

Top csng. 77# 0.* Bot. csng. 78=298.* Diam. 79# 3.*

R=76* T=A* 59#1*

Top csng. 77# Bot. csng. 78= Diam. 79#

OPENINGS

R=82* T=A* 59#1* Top 83# 298.* Bottom 84=340.*

Type 85=P* Diam. 87=3.* Size 88=

R=82* T=A* 59#1* Top 83# Bottom 84=

Type 85= Diam. 87= Size 88=

YIELD

R= 146* T=A* 147# 1* Q 150=6.5.* Q/S 272=

134 flows 146 pumped

LIFT
 R=42* T= A * Lift type 43# A * Intake 44= * Power type 45= *
 Date 38= 01/30/1979* H.P. 46= *

LOGS
 R=198* T= A * Log 199# D * Top 200= 0.* Bot 201= 340.*
 R=198* T= A * Log 199# * Top 200= * Bot 201= *
 R=189* T= A * E Log No. 190# * 191= M I S S D I S T *

ANAL.
 R=114* T= A * Year 115# * Type 120= *

AQUIFERS
 R=90* T= A * 256# 1 * Top 91= 150.* Bot 92= 340.*
 Unit ID 93= 22MØCN * Name of Unit
 R=90* T= A * 256# 1 * Top 91= * Bot 92= *
 Unit ID 93= * Name of Unit

HYDRAULICS
 R=98* T= A * 99# 1 * Unit tested 100= * 103= *
 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= * Yr Begin 122# * Network 258= *

Water Level Data Collection (1)

1500' N + 1144' W of SW/Cor.

| description of formations encountered | from | to |
|---------------------------------------|------|-----|
| Chalk | 0 | 25 |
| sand & gravel | 25 | 340 |