

TRANSMITTED FOR ...

040003-02

1/81 WFO

Recorded by ND

Date 2-6-85

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

Well No. H31  
E-Log No. #72  
County ATTALA  
Ethel South Quad

Site ID 3,3,0,6,5,9,0,8,9,2,8,5,9,0,1 R=0\* T=A\* 2=W\*

Data reliab. 3=U Report. agency 4=USGS Dist. 6=28 7=28 Co. 8=0,0,7

GEN. SITE DATA

Lat. Long. / 9=3,3,0,6,5,9 10=0,8,9,2,8,5,9 Well No. 12=H,0,3,1

NE, NW Location 13=S, W, N, E, S, 3, 3, T, 1, 5, N, E, 0, 8, E Alt. 16=480 <sup>475</sup> <sub>AP</sub>

Hyd. Unit (OWDC) 20= Date 21=1,2,1,3,1,9,8,4

Well use 23=W Water Use 24=P Hole depth 27=1,0,0,8 Well depth 28=9,3,6

WL 30=1,4,6 Date 31=0,1,1,0,3,1,9,8,5 Source 33=D

Status 273= Project No. 5=

OWNER

R=158\* T=A\* Date 159#0,1,1,0,3,1,9,8,5 Owner No. Test Hole #1

Owner 161#E, T, H, I, E, L, R, U, R, A, L, W, A

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#0,4,1,0,8,1,9,8,5 pH 196#00400 197=8,0

CONSTR.

R=58\* T=A\* 59#1 Date 60=0,1,1,0,3,1,9,8,5 Remarks

Drig. 63=0,6,4 Name Layne-Central Method 65=R Finish 66=6

CASING

R=76\* T=A\* 59#1 Top csgn. 77#0 Bot. csgn. 78=8,8,5 Diam. 79#1,0

R=76\* T=A\* 59#1 Top csgn. 77# Bot. csgn. 78= Diam. 79#

OPENINGS

R=82\* T=A\* 59#1 Top 83#8,8,5 Bottom 84=9,3,6

Type 85=S Diam. 87=6 Size 88=

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

Type 85= Diam. 87= Size 88=

YIELD

R=140 T=A\* 147#1 Q 150=2,0,0 Q/S 272=

134 flows 146 pumped

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

LIFT

Date 38= 01/03/1985\* H.P. 46= 30.\*

LOGS

R=198\* T= A \* Log 199# D\* Top 200= 0.\* Bot 201= 10.08.\*

R=198\* T= A \* Log 199# E\* Top 200= 24.\* Bot 201= 9.94.\*

R=189\* T= A \* E Log No. 190# 72\* 191= M I S S D I S T \*

ANAL.

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

AQUIFERS

R=90\* T= A \* 256# 1 \* Top 91= 8.75.\* Bot 92= 9.90.\*

Unit ID 93= 124WTEXT\* 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)/ft<sup>2</sup>

110= \* Storage coeff. Boundaries

R=121\* T= \* Yr Begin 122# \* Network 258 # \*

Water Level Data Collection (1)

Hwy 12 at Ethel

17' dd e 200gpm

red clay	174	174
Sand + Sndy Clay	174	34
Clay	34	37
Sand + Clay	34	37
Sndy clay + sandst.	103	116
Sndy clay + rockst.	92	116
rock	116	118
Sand + clay	125	125
Clay + rockst.	125	137
Sndy shale + clayst.	137	192
Sndy shale + sandst.	192	234
hard gray clay	234	288
Sndy clay	288	299
Clay + rockst.	299	300
Sndy clay + clayst.	300	329
Sndy clay	329	334
hard clay	334	344
Sndy clay + clay st.	344	380
Sndy clay + sandst + shale	380	407
fine sand + shale st.	407	421
Sndy shale	421	439
hard shale	439	470
Sndy shale	470	472
rock	472	476
Sndy shale	476	481
hard shale	481	543
hard clay	543	548
Sndy clay + clayst.	548	679
Sndy shale	679	709
Sndy shale + sandst.	709	807
shale + sandst + white	807	843
Sndy shale + white sand	843	899
shale + shale st.	899	909
The sand with shale	909	924
The sand + shale	924	955
shale + shale	955	967
The sand + shale	967	986
The sand + shale + rock	986	1008

WIN 20 1985