

6/77 WTO

Recorded by WTO

Date 10/3/77

TRANSMITTED FOR ADP

U.S. GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MISSISSIPPI DISTRICT

WELL RECORD

AUG 1978

Well No. Q 32

E-Log No. 33

County Leake

DEC 9 2 10 91

Site ID 323942088230601 R=0* T=A* 2=W*

Data reliab. 3=C* Report. agency 4=USGS* Dist. 6=28* 7=28* Co. 8=079*

Lat. Long. 9=323942* 10=0882306* Well No. 12=Q032*

Location 13=NWNW S04 T09 N R09 E* Alt. 16=380.*

Hyd. Unit (OWDC) 20=03180001* Date 21=08/25/1977*

Well use 23=W* Water Use 24=P* Hole depth 27=1502.* Well depth 28=1431.*

WL 30=44.* Date 31=12/05/1979* Source 33=D*

Status 273=Y* Project No. 5=

R=158* T=A* Date 159# 11/03/1977* Owner No. T.H.#1 for Well #2

Owner 151=FIREENY, W, A

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=

R=58* T=A* 59# 1* Date 60=11/03/1977* Remarks

Drig. 63=0.64* Name Layne Method 65=H* Finish 66=S*

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

Top csng. 77# 0.* Bot. csng. 78= Diam. 79# 12.*

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

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

R=82* T=A* 59# 1* Top 83# 1381.* Bottom 84=1431.*

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

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

Type 85= Diam. 87= Size 88=

R= 146* T=A* 147# 1* Q 150=400.* Q/S 272=

134 flows 146 pumped

GEN. SITE DATA

OWNER

FIELD CH

CONSTR.

CASING

OPENINGS

YIELD

LIFT

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

Date 38= 11/03/1977* H.P. 46= 20.*

LOGS

R=198* T= A * Log 199# D * Top 200= 0.* Bot 201= 1502.*

R=198* T= A * Log 199# E * Top 200= 57.* Bot 201= 1476.*

R=189* T= A * E Log No. 190# 033* 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= 1365.* Bot 92= 1488.*

Unit ID 93= 124WLCXL * 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# *

Water Level Data Collection (1)

Allen Cox, Eng. Memphis, Tenn.

Well Test hole to 1430'
Screened 1390-1430'
WL= 45'
100gpm
4"

pH= 8.1
Fe= < .1
T= 85°F
MSBOM
10/11/77

46. 11/3/77

60' 6" of log

45 11/16/82

Yellow Clay	0	6
White Sandy Clay	6	30
Loose Sand	30	95
Clay	95	134
Sandy Shale CODED	134	185
Green Sand	185	207
Clay	207	212
Rock	212	213
Clay & Hard Rock Strata	213	235
Hard Clay	235	356
Sandy Clay	356	471
Shale	471	513
Sand	513	528
Sandy Shale	528	601
Sand, Clay & Lignite	601	670
Sandy Shale	670	888
Rock	888	889
Shale	889	956
Hard Rock	956	961
Shale	961	1004
Sandy Shale	1004	1066
Rock	1066	1067
Sandy Shale	1067	1089
Rock	1089	1091
Sandy Shale	1091	1118
Hard Clay	1118	1122
Sandy Shale	1122	1140
Rock	1140	1143
Sand & Clay Strata	1143	1234
Hard Clay	1234	1250
Sandy Clay	1250	1320
Hard Clay	1320	1354
Sand	1354	1488
Shale	1488	1502