

# TRANSMITTED FOR ADP

Recorded by WTO  
 Date 4/3/86  
 Agency USGS

U.S. GEOLOGICAL SURVEY  
 WATER RESOURCES DIVISION  
 MISSISSIPPI DISTRICT

Well No. Q40  
 E-Log No. 209  
 County SMITH

## WELL RECORD

GEN SITE DATA

Site Id 315203089331401 R=0\* T=A\* 2=W\* Data relab. 3=\* C U

Dist. 6=28\* State 7=28\* Co. 8=129\* Lat. Long. 9=315203\* 10=0893314\*

Well No. 12=Q40\* Location 13=SW1/4 S106 T10N R15W\* Alt. 16=290\*  
 Hyd. Unit (OWC) 20=03170004\* Date 21=19861031\* (YYYYMMDD) 17=M\*  
 Agency Use 803=8\* Well Use 23=W\* Water Use 24=P\* Hole depth 27=H25\* Well depth 28=420\*  
 WL 30=28\* Date 31=1986106115\* Source 33=D\*  
 Project No. 5=

LIFT

R=42\* T=A\* 254#1\* Date 38=1986106115\* Lift Type 43=T\* Intake 44=

Power Type 45=E\* H.P. 46=20\*

CONSTR.

R=58\* T=A\* 723#1\* Date 60=1986106115\* Drig 63=455\* Name

Method 65=H\* Finish 66=S\* Remarks

CASING

R=76\* T=A\* 725#1\* 59#1\* Top csng 77# 0\* Bot. csng 78=390\* Diam 79# 12\*  
 R=76\* T=A\* 725#2\* 59#1\* Top csng 77# 348\* Bot. csng 78=390\* Diam 79# 6\*

OPENINGS

R=82\* T=A\* 726#1\* 59#1\* Top 83# 390\* Bottom 84=420\* Type 85=S\*  
 Diam. 87# 6\* Size 88=

R=82\* T=A\* 726#2\* 59#1\* Top 83# Bottom 84= Type 85=

87# 88=

123 FRHL

AQUIFERS

R=90\* T=A\* 721#1\* Top 91=390\* Bot 92=420\* Unit Id 93=123FRHL\*  
 R=90\* T=A\* 721#2\* Top 91= Bot 92= Unit Id 93=

HYDRAULIC

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

ANAL. R=114\* T=A\* 706= \* \* \* \* \* Year 115# \* \* \* \* \* 117= \* \* \* \* \* 120= \* \* \* \* \*

R=121\* T=A\* Yr Begin 115# \* \* \* \* \* Network 257# \* \* \* \* \*

YIELD R=146\* T=A\* Flow/Pumped (circle one) 147#1\* 148= 1986/06/15 \* 150= 184. \* \* \* \* \* Q/S 272= \* \* \* \* \*

OWNER R=158\* T=A\* 718#1\* Date 159# 1986/06/15 \* Owner No. Well #2  
Owner 161# MIZE \* \* \* \* \*

OTHER -ID R=189\* T=A\* 736#1\* E-Log No. 190# 209 \* 191= M I S S D I S T \*

FIELD QW R=192\* T=A\* 738#1\* Date 193# 1986/04/04 \* Temp 196#00010\* 197= 21.1 \* \* \* \* \*  
R=192\* T=A\* 738#2\* Date 193# \* \* \* \* \* Cond 196#00095\* 197= \* \* \* \* \*  
R=192\* T=A\* 738#3\* Date 193# 1986/04/04 \* pH 196#00400\* 197= 8.4 \* \* \* \* \*

LOGS R=198\* T=A\* 739#1\* Log 199# E \* Top 200= 40.1 \* Bot 201= 428.1 \* \* \* \* \*  
R=198\* T=A\* 739#2\* 199# D \* 200= 0. \* \* \* \* \* 201= 425. \* \* \* \* \*

Remarks: R=183# 311= \* \* \* \* \* / / \* \* \* \* \*

184:

description of formations encountered	from	to
Top Soil	0	10
Sand + gravel	10	45
white clay	45	84
sandy shale	84	93
sand	93	125
clay	125	209
sandy shale	209	280
sand	280	320
shale	320	350
white chalk	350	363
shale	363	390
sand	390	425