

6/78 WTO

ms-6W-12809  
12810

Chalybeate Quad

Recorded by WTO

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

TRANSMITTED FOR ADP

Well No. A22  
E-Log No. 48  
County ALCORN

Site ID 3457105080480701 R=0\* T=A\* 2=W\*

Data reliab. 3=C Report. agency 4-USGS Dist. 6-28 7-28 Co. 8-003

Lat. Long. 9-3457106 10-08184907 Well No. 12-A022

Location 13-SWSWS32T01S R05E Alt. 16-520

Hyd. Unit (OWDC) 20- Date 21-0612911979

Well use 23-W Water Use 24-P Hole depth 27-890 Well depth 28-890

WL 30-198 Date 31-0412211980 Source 33-D 880

Status 273- Project No. 5-

R=158\* T=A\* Date 159#0412211980 Owner No. Well#2

Owner 161-CHALYBEATE

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 60-0412211980 Remarks

Drig. 63-054 Name T.M. Parks Method 65-H Finish 66-S

R=76\* T=A\* 59#1 10" STEEL

Top csgn. 77#0 Bot. csgn. 78-790 Diam. 79#10

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

Top csgn 77#790 Bot. csgn. 78-820 Diam. 79#6

R=82\* T=A\* 59#1 Top 83#820 Bottom 84-880

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 150-250 Q/S 272-

134 flows 146 pumped

GEN. SITE DATA  
OWNER  
FIELD ON  
CONSTR.  
CASING  
OPENINGS  
YIELD

LIFT

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

Date 38= 0.4/2.2/19.8.0\* H.P. 46= 40.\*

LOGS

R=198\* T= A \* Log 199# D\* Top 200= 0.\* Bot 201= 8.8.0.\*

R=198\* T= A \* Log 199# E\* Top 200= 1.0.\* Bot 201= 8.8.7.\*

R=189\* T= A \* E Log No. 190# 048\* 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= 7.6.0.\* Bot 92= 8.8.0.\*

Unit ID 93= 2.1.1.0.0.F.F.\* Name of Unit Coffee Sd

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)

| description of formations encountered   | from | to   |
|---|------|------|
| Sandy top soil                          | 0    | 197' |
| Sand w/ shale                           | 197' | 370' |
| Limestone (chalk w/ fine shale + shale) | 346' | 700' |
| fine sands w/ shale's                   | 700' | 760' |
| Good sand w/ some shale                 | 760' | 880' |