

6/78 WTO

Recorded by JPC

Date 1/8/80

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

*Mossy Lake
Mile Station
TRANSMITTED FOR ADP*

Well No. 674

E-Log No. 85

County Holmes

Site ID 3.3.1.4.4.2.0.9.0.1.7.4.1.0.1 R=0* T=A* 2=W*

Data reliab. 3=C Report. agency 4=USGS* Dist. 6=28* 7=28* Co. 8=0.5.1*

Lat. Long. 9=3.3.1.4.4.2* 10=09.0.1.7.4.1* Well No. 12=6.0.1.4*

Location 13=N.W.S.W.S. 1.5 T. 1.6 N. R. 0.1 W.* Alt. 16=1.2.0.*

Hyd. Unit (OWDC) 20= Date 21=0.1.1.0.2.1.1.9.8.0*

Well use 23=W* Water Use 24=H* Hole depth 27=13.3.0.* Well depth 28=13.2.0.*

WL 30= Date 31= Source 33=

Status 273= Project No. 5=

R=158* T=A* Date 159# 0.1.1.0.4.1.1.9.8.0* Owner No.

OWNER Owner 161=M. O. R. R. I. S. J. O. H. N. S. O. N.*

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=0.1.1.0.4.1.1.9.8.0* Remarks

Drlg. 63=2.6.4* Name BERRYMAN Method 65=H* Finish 66=S*

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

Top csgn. 77# 0.* Bot. csgn. 78=1.0.0.* Diam. 79# 4.*

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

Top csgn. 77# 1.0.0.* Bot. csgn. 78=1.3.0.0.* Diam. 79# 2.*

OPENINGS R=82* T=A* 59# 1* Top 83# 1.3.0.0.* Bottom 84=1.3.2.0.*

Type 85=S* Diam. 87=2.* Size 88=

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

Type 85= Diam. 87= Size 88=

YIELD R= T=A* 147# 1* Q 150= Q/S 272=

134 flows 146 pumped

LIFT

R=42* T= A * Lift type 43# 1 * Intake 44= * Power type 45= *

Date 38= / / H.P. 46= *

LOGS

R=198* T= A * Log 199# E * Top 200= 110.0 * Bot 201= 1330.0 *

R=198* T= A * Log 199# D * Top 200= 110.0 * Bot 201= 1330.0 *

R=189* T= A * E Log No. 190# 0.9.5 * 191= M I S S D I S T *

ANAL.

R=114* T= A * Year 115# 1 * Type 120= *

R=90* T= A * 256# 1 * Top 91= 1280.0 * Bot 92= 1325.0 *

Unit ID 93= 124MUWX * 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 25

Water Level Data Collection (1)

| description of formations encountered | from | to |
|---------------------------------------|------|------|
| Clay | 0 | 20 |
| Sand | 20 | 80 |
| Sand & Gravel | 80 | 160 |
| Clay | 160 | 220 |
| Clay & Str. sand | 220 | 340 |
| Sand | 340 | 610 |
| Clay | 610 | 620 |
| Sand | 620 | 640 |
| Clay | 640 | 660 |
| Sand & Str. clay | 660 | 790 |
| Sandy shale | 700 | 800 |
| Sand | 800 | 820 |
| Shale | 820 | 840 |
| Sandy shale | 840 | 860 |
| Shale | 860 | 880 |
| Sand & Str. Shale | 880 | 910 |
| Sand | 910 | 930 |
| Sand & Str. Shale | 930 | 960 |
| Clay & Str. sand | 960 | 1100 |
| Sand | 1100 | 1120 |
| Clay & Str. sand | 1120 | 1280 |
| Sand & Str. Clay | 1280 | 1300 |
| Sand | 1300 | 1320 |
| Clay | 1320 | 1330 |