

6/77 WTO

TRANSMITTED FOR ADP

Recorded by WTO  
Date 10/16/78

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

JAN 1979

Well No. L59  
E-Log No. \_\_\_\_\_  
County Desoto

Site ID 344919089572301 R=0\* T=A\* 2=W\*

GEN. SITE DATA

Data reliab. 3=U\*<sup>C</sup> Report. agency 4=USGS\* Dist. 6=28\* 7=28\* Co. 8=033\*  
Lat. \_\_\_\_\_  
Long. / 9=344919\* 10=0895723\* Well No. 12=L059\*  
Location 13=SE S 17 T 03 S R 07 W\* Alt. 16=370\*  
Hyd. Unit (OWDC) 20= \_\_\_\_\_\* Date 21=10/01/1978\*  
Well use 23=PE\* Water Use 24=U\* Hole depth 27= \_\_\_\_\_\* Well depth 28=3629\*  
WL 30= \_\_\_\_\_\* Date 31= \_\_\_\_\_\* Source 33= \_\_\_\_\_\*  
Status 273= \_\_\_\_\_\* Project No. 5= \_\_\_\_\_\*

OWNER

R=158\* T=A\* Date 159# 10/01/1978\* Owner No. MSU 8-16 NO.1  
Owner 161=SOUTHEASTERN RES\*

FIELD QW

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=10/01/1978\* Remarks \_\_\_\_\_  
Drig. 63= \_\_\_\_\_\* Name Southeastern Res. Method 65=H\* Finish 66=X\*

CASING

R=76\* T=A\* 59# 1\*  
Top csgn. 77# 0\* Bot. csgn. 78=3250\* Diam. 79# 6\*  
R=76\* T=A\* 59# 1\*  
Top csgn. 77# \_\_\_\_\_\* Bot. csgn. 78= \_\_\_\_\_\* Diam. 79# \_\_\_\_\_\*

OPENINGS

R=82\* T=A\* 59# 1\* Top 83# \_\_\_\_\_\* Bottom 84= \_\_\_\_\_\*  
Type 85= \_\_\_\_\_\* Diam. 87= \_\_\_\_\_\* 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# \* Intake 44= \* Power type 45= \*

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

LOGS

R=198\* T= A \* Log 199# \* Top 200= \* Bot 201= \*

R=198\* T= A \* Log 199# \* Top 200= \* Bot 201= \*

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

ANAL.

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

AQUIFERS

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

Unit ID 93= \* Name of Unit Paleozoic

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# \*

Water Level Data Collection (1)

pH: 8.7 CL = 5250  
 Alk: 53 CO<sub>2</sub> = 0  
 Fe: .79 mg.: 1.2  
 Ca: 400 hard = 1780

Knox Dolomite ?

Gas test Pent to hex

Owner {  
 Res. 0.53 @ 69°F.  
 SG 1.0075  
 p<sub>H</sub> 4.61  
 Density 8.40  
 Cl 9550  
 No Potassium