

1/81 WTO

Recorded by WTO
Date 12/7/82

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

Well No. N42
E-Log No. 212
County Jasper

TRANSMITTED FOR ADP 1-83

GEN. SITE DATA

Site ID 3 1 5 3 0 4 0 8 9 1 8 4 8 0 1 R=0* T=A* 2=W*

Data reliab. 3=C* Report. agency 4=USGS* Dist. 6=28* 7=28* Co. 8=061*

Lat. Long. / 9=3 1 5 3 5 5 * 10=0 8 9 1 8 4 8 * Well No. 12=N 0 4 2 *

Location 13=SE NW s 3 1 T O I N R 1 0 E * Alt. 16=3 9 0 . *

Hyd. Unit (OWDC) 20= Date 21=1 1 / 0 2 / 1 9 8 2 *

Well use 23=W * Water Use 24=H * Hole depth 27=3 7 0 . * Well depth 28=2 4 6 . *

WL 30=5 4 . * Date 31=1 1 / 0 9 / 1 9 8 2 * Source 33=D *

Status 273= Project No. 5=

OWNER

R=158* T=A* Date 159# 1 1 / 0 9 / 1 9 8 2 * Owner No. _____

Owner 161# J O H N W W I L S O N *

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=1 1 / 0 9 / 1 9 8 2 * Remarks _____

Drlg. 63=0 2 8 * Name Clark Method 65=H * Finish 66=S *

CASING

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

Top csng. 77# 0 . * Bot. csng. 78=2 3 1 . * Diam. 79# 4 . *

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

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

OPENINGS

R=82* T=A* 59# 1 * Top 83# 2 3 1 . * Bottom 84=2 4 6 . *

Type 85=S * Diam. 87=4 . * Size 88=

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

Type 85= Diam. 87= Size 88=

YIELD

R=146 * T=A* 147# 1 * Q 150=2 0 . * Q/S 272=

134 flows 146 pumped

LIFT

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

Date 38= 11/09/1982* H.P. 46= 5.*

LOGS

R=198* T= A * Log 199# E* Top 200= 50.* Bot 201= 369.*
 R=198* T= A * Log 199# D* Top 200= 0.* Bot 201= 370.*
 R=189* T= A * E Log No. 190# 212* 191= M I S S D I S T *

ANAL.

R=114* T= A * Year 115# * 117= * 120= *

AQUIFERS

R=90* T= A * 256# 1 * Top 91= 200.* Bot 92= 250.*
 Unit ID 93= 122CTHL * 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 258# *

Water Level Data Collection (1)

Supplies dairy

| description of formations encountered | from | to |
|---------------------------------------|---------|---------|
| Red sandy clay | 0 | 18 |
| Sand and peat gravel | 18 | 41 |
| White Clay | 41 | 53 |
| Sand w/ gravel | 53 | 68 |
| Red white clay sandy | 68 | 80 |
| Sandy yellow clay | 80 | 96 |
| Sand w/ clay streaks | 96 | 118 |
| Clay | 118 | 136 |
| Sandy w/ clay breaks | 136 | 148 |
| Sand, yellow, tan | 148 | 168 |
| Rock, limestone | 168 | 169 |
| Clay | 169 | 199 |
| Sand | 199 | 248 |
| Clay, dark gray | 248 | 282 |
| Limestone | 282 | 282 1/2 |
| Clay w/ fine streaks | 282 1/2 | 312 |
| Sand | 312 | 314 |
| Clay, sandy streaks | 314 | 330 |
| Clay | 330 | 370 |