

1/81 WTO

TRANSMITTED FOR AEP

Recorded by J. Crow
Date 2/23/82

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

morgantown

Well No. F47
E-Log No. _____
County Marion

GEN. SITE DATA

Site ID 3 1 1 9 1 4 0 8 9 5 4 2 6 0 1 R=0* T=A* 2=W*

Data reliab. 3=U* Report. agency 4=USGS* Dist. 6=28* 7=28* Co. 8=091*

Lat. _____ Long. 9=3 1 1 9 1 4 * 10=0 8 9 5 4 2 6 * Well No. 12=F 0 4 7 *

see back Location 13=N E N E S 1 7 T 0 4 N R 1 3 E * Alt. 16=1 5 7 *

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

Well use 23=W * Water Use 24=E * Hole depth 27=2 5 2 * Well depth 28=2 3 1 *

WL 30=2 0 * Date 31=0 2 1 0 2 1 1 9 8 2 * Source 33=D *

Status 273= Project No. 5=

OWNER

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

Owner 161# S U N E X P L & D R O D *

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

Drlg. 63=1 8 4 * Name Brines Method 65=H * Finish 66=D *

CASING

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

Top csng. 77# 0 * Bot. csng. 78=1 8 9 * 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# 1 8 9 * Bottom 84=2 3 1 *

Type 85=D * 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=7 5 * Q/S 272=

134 flows 146 pumped

LIFT
 R=42* T= A * Lift type 43# A* Intake 44= * Power type 45= *
 Date 38= 02/02/1982* H.P. 46= *

LOGS
 R=198* T= A * Log 199# D* Top 200= 0.* Bot 201= 2.52.*
 R=198* T= A * Log 199# * Top 200= * Bot 201= *
 R=189* T= A * E Log No. 190# * 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= 160.* Bot 92= 232.*
 Unit ID 93= 122 M.I.C.N. * Name of Unit miocene
 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)

450' S + 600' W of NE/CO1

description of formations encountered	from	to
clay	0	57
SAND + gravel	57	148
clay	148	160
SAND, gravel	160	232
clay	232	252