

2005

1/81 WTO

Recorded by USTO
Date 12/11/91

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

Well No. 1082
E-Log No. 71
County Sunflower
1270 SUNFLOWER

TRANSMITTED FOR ADP // 82

Site ID 333747090321101 R=0* T=A* 2=W*

GEN. SITE DATA

Data reliab. 3=U* Report. agency 4=USGS* Dist. 6=28* 7=28* Co. 8=1.3.3*
Lat. 9=33.3242* 10=09.03211* Well No. 12=1082*
Location 13=SWNW S 05 T 19 N R 03 W* Alt. 16=121*
Hyd. Unit (OWDC) 20= Date 21=10/22/1981*
Well use 23=W* Water use 24=P* Hole depth 27=1274* Well depth 28=1246*
WL 30=20* Date 31=11/18/1991* Source 33=D* 6/22/95
Status 273= Project No. 5= 36.50

OWNER

R=158* T=A* Date 159#11/18/1981* Owner No. 11-30-33
Owner 161# SUNFLOWER WL=16.67

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#11/13/1991* pH 196#00400* 197=9.2*

CONSTR.

R=58* T=A* 59#1* Date 60=11/19/1981* Remarks
Drlg. 63=76* Name Layne Method 65=H* Finish 66=5*

CASTING

R=76* T=A* 59#1*
Top csng. 77#0* Bot. csng. 78=1176* Diam. 79#10*
R=76* T=A* 59#1*
Top csng. 77#1130* Bot. csng. 78=1176* Diam. 79#6*

OPENINGS

R=82* T=A* 59#1* Top 83#1176* Bottom 84=1246*
Type 85=C* Diam. 87=6* 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=200* Q/S 272=
134 flows 146 pumped
200 GPM @ 20 PST

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

LIFT Date 38= 11/18/1981* H.P. 46= 25.*

LOGS
 R=198* T= A * Log 199# E* Top 200= 40.* Bot 201= 1,274.*
 R=198* T= A * Log 199# D* Top 200= 0.* Bot 201= 1,268.*
 R=189* T= A * E Log No. 190# 07.1* 191= M I S S D I S T *

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

R=90* T= A * 256# 1 * Top 91= 1,180.* Bot 92= 1,226.*

AQUIFERS Unit ID 93= 124TLT* 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)

33' dd @ 50 ppm reported

Water Level Data

11/30/88
 WL= 16.67
 JHC

description of formations encountered	from to	
clay	0	37
sand	37	73
c. sand & pea gravel	73	142
clay	142	149
stk. of sand & clay	149	250
sand w/clay stk.	250	425
clay	425	510
stk. of sand & clay	510	726
clay	726	768
stk. of sand w/clay	768	834
rock	834	836
clay	836	883
rock	883	884
sandy clay	884	913
clay	913	923
rock	923	924
clay	924	973
fine sand w/stk of clay	973	1011
rock	1011	1012
green fine sand & clay	1012	1048
rock	1048	1050
green fine sand & clay	1050	1069
sandy clay	1069	1110
fine sand & stk. sandy sh	1110	1165
sandy shale	1165	1174
fine sand & shale stk.	1174	1219
fine sand	1219	1262
clay	1262	1268