

6/77 WTO

TRANSMITTED FOR ADP

Recorded by WTO

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

Well No. D42

Date 4/19/78

SEP 1978

E-Log No. _____
County SUNFLOWER

GEN. SITE DATA

Site ID 335039090302501 R=0* T=A* 2=W*

Data reliab. 3=U*^C Report. agency 4=USGS* Dist. 6=28* 7=28* Co. 8=133*

Lat. _____ Long. / 9=335039* 10=0903025* Well No. 12='D042'*

Location 13='SESE S 21 T 23 N R 03 W'* Alt. 16='135.*'

Hyd. Unit (OWDC) 20=_____* Date 21='03/30/1978'*

Well use 23='W'* Water Use 24='I'* Hole depth 27='100.*' Well depth 28='100.*'

WL 30='17.*' Date 31='03/30/1978'* Source 33='D'*

Status 273=_____* Project No. 5=_____*

OWNER

R=158* T=A* Date 159# '03/30/1978'* Owner No. _____

Owner 161='BUFORD PLANTATION'*

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='03/30/1978'* Remarks _____

Drlg. 63='087'* Name Butane Method 65='H'* Finish 66='S'*

CASING

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

Top csng. 77# '0.*' Bot. csng. 78='60.*' Diam. 79# '16.*'

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

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

OPENINGS

R=82* T=A* 59# 1* Top 83# '60.*' Bottom 84='100.*'

Type 85='L'* Diam. 87='16.*' 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='2500.*' Q/S 272=_____*

134 flows 146 pumped

LIFT

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

Date 38= 03/30/1978* H.P. 46= 60.*

LOGS

R=198* T= A * Log 199# D* Top 200= 0.* Bot 201= 100.*

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# * Type 120= *

AQUIFERS

R=90* T= A * 256# 1 * Top 91= 20.* Bot 92= 100.*

Unit ID 93= 112MRVA * 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# *

Water Level Data Collection (1)

3 miles NE of Draw

| description of formations encountered | from | to |
|---------------------------------------|------|-----|
| Clay | 0 | 20 |
| Sand | 20 | 30 |
| Sand + 1/4 Gravel | 30 | 60 |
| Sand + Gravel | 60 | 100 |