

4/77

Recorded by JA. Callahan

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

Well No. A12

Date 4/5/77

E-Log No. #13

County DeSoto

LAKE CORMORANT QUAD  
29A

Site ID 345728090091801 R=0\* T=AM\* 2=W\*

GEN. SITE DATA

Data reliab. 3=CU\* Report. agency 4=USGS\* Dist. 6=28\* 7=28\* Co. 8=033\*  
Lat. Long. 9=345728\* 10=0900918\* Well No. 12=A012\*  
Location 13=NWSE S33 T01S R09W\* Alt. 16=210\*  
Hyd. Unit (OWDC) 20= Date 21=0810011965\*  
Well use 23=W\* Water Use 24=P\* Hole depth 27=1614\* Well depth 28=1500\*  
WL 30=24\* Date 31=0810011965\* Source 33=S\*  
Status 273=

OWNER

R=158\* T=AM\* Date 159# 0810011965\* Owner No.  
Owner 161=WALLS WA\*

FIELD QW

R=192\* T=AM\* Date 193# / / / \* Temp. 196#00010\* 197= . \*  
R=192\* T=AM\* Date 193# 0310311971\* Cond. 196#00095\* 197= 260\*  
R=192\* T=AM\* Date 193# / / / \* pH 196#00400\* 197= . \*

CONSTR.

R=58\* T=AM\* 59# 1\* Date 60=0810011965\* Remarks  
Drlg. 63=009\* Name Carlross Well Supply Method 65=H\* Finish 66=S\*

CASING

R=76\* T=AM\* 59# 1\*  
Top csng. 77# 0\* Bot. csng. 78=1440\* Diam. 79# 8\*  
R=76\* T=AM\* 59# 1\*  
Top csng. 77# . \* Bot. csng. 78= . \* Diam. 79# . \*

OPENINGS

R=82\* T=AM\* 59# 1\* Top 83# 1440\* Bottom 84=1500\*  
Type 85=S\* Diam. 87=6\* Size 88= . \*  
R=82\* T=AM\* 59# 1\* Top 83# . \* Bottom 84= . \*  
Type 85= . \* Diam. 87= . \* Size 88= . \*

YIELD

R=134 146\* T=AM\* 147# 1\* Q 150=350\* Q/S 272= . \*

R=42\* T= (A) M \* Lift type 43# T \* Intake 44= \* Power type 45= E \*

LIFT Date 38= 08/00/1965\* H.P. 46= 20.\*

R=198\* T= (A) M \* Log 199# D \* Top 200= 0.\* Bot 201= 1500.\*

R=198\* T= (A) M \* Log 199# E \* Top 200= 146.\* Bot 201= 1614.\*

R=189\* T= (A) M \* E Log No. 190# 013\* 191= M I S S D I S T \*

ANAL. R=114\* T= (A) M \* Year 115# 1971\* Type 120= B \*

R=90\* T= (A) M \* 256# 1 \* Top 91= 336.\* Bot 92= \*

AQUIFERS Unit ID 93= 124WLCXL\* Name of Unit Lower water

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

Unit ID 93= \* Name of Unit

R=98\* T= A M \* 99# 1 \* Unit tested 100= \*

R=105\* T= A M \* 99# 1 \* Test No. 106# \*

107= \* Transmissivity (gal/d)/ft

108= \* Hydraul. cond. (gal/d)/ft<sup>2</sup>

110= \* Storage coeff. Boundaries

Description & Color of Materials Sand, Clay, Red Clay, Shale, etc.	Thick- ness Feet	Depth Feet
Top soil	2	2
Red Sand	26	28
Coarse Grey Sand & Gravel	92	120
Tough Clay	82	202
Clay	56	258
Sandy Clay	10	268
Sand (Fine Shite)	31	299
Sandy Clay	6	305
Sand (White)	55	360
Sand with Lignite	34	394
Sandy Clay	7	401
Sand	29	430
Sand w/ Clay Streaks	39	469
Sandy Clay w/ Sand Strks	11	480
Coarse Sand	60	540
Coarse Sand w/ Fine Gravel	48	588
Sand/Clay	125	713
Clay	17	730
Sandy Clay	15	745
Sand Clay w/ Sand Strks	72	817
Clay	51	868
Sandy Clay w/ Sand Strks	87	955
Sand and Sandy Clay	45	1040
Clay	17	1057
Clay (Tough)	60	1117
Clay	43	1160
Sandy Clay	42	1182
Clay	106	1288
Sandy Clay	7	1295
Clay	5	1300
Sandy Clay	144	1444
Sand (Fine)	30	1474

(See Reverse Side)