

TRANSMITTED FOR ADP

EAS y. measure

1/81 STO

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

6/85

Well No. A58

Recorded by JM
Date 5/23/85

E-Log No.

County Carroll

Avalon Quad 129D

GEN. SITE DATA

Site ID 333730090061301 R=0* T=A* 2=W*

Data reliab. 3=U Report agency 4=USGS Dist. 6=28 7=28 Co. 8=015

Lat. 28
Long. 9=333730 10=0900613 Well No. 12=A058

Location 13=NESE S 05 T 20 N R 02 E Alt. 16=138

Hyd. Unit (OWDC) 20= Date 21=03/18/1985

Well use 23=W Water Use 24=H Hole depth 27=623 Well depth 28=608

WL 30=2 Date 31=03/18/1985 Source 33=D

Status 273= Project No. S=

OWNER

R=158* T=A* Date 159# 03/18/1985 Owner No.

Owner 161# E. H. NEAL

Avalon, Ms

FIELD OW

R=192* T=A* Date 193# / / Temp. 196#00010 197=

R=192* I=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=03/18/1985 Remarks

Drlg. 63=0.87 Name Butane Gas Co. Method 65=H Finish 66=S

CASING

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

Top csgn. 77# 0 Bot. csgn. 78=126 Diam. 79# 4

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

Top csgn. 77# 126 Bot. csgn. 78=588 Diam. 79# 2

OPENINGS

R=82* T=A* 59# 1* Top 83# 588 Bottom 84=608

Type 85=S Diam. 87=2 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=8 Q/S 272=

134 flows 146 pumped

LIFT R=42* T=A* Lift type 43# S* Intake 44= * Power type 45= E*
 Date 38= 03/18/1985* H.P. 46= / * *

LOGS R=198* T=A* Log 199# D* Top 200= 0* Bot 201= 623*
 R=198* T=A* Log 199# * Top 200= * Bot 201= *
 R=189* T=A* E Log No. 190# * 191= M I S S I D I S T *

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

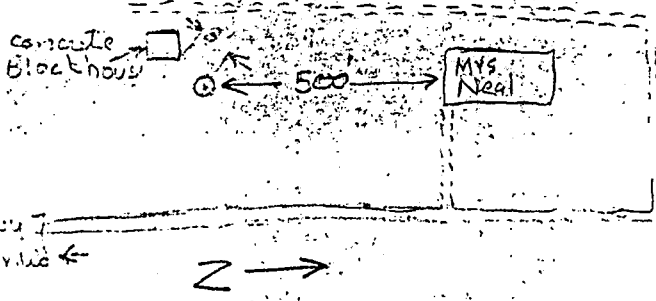
AQUIFERS R=90* T=A* 256# 1* Top 91= * Bot 92= *
 Unit ID 93= 124WL C X M * Name of Unit
 R=90* T=A* 256# 1* Top 91= * Bot 92= *
 Unit ID 93= * Name of Unit

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)

1.5 m SW Avalon
 9/2/93 PEG 156
 10.00
 16.65
 3.35
 .7
 2.65
 M.P. = 7 3/4 mpple on S side
 suction pump in wall house
 no pump in the well it's in -
 easy measure



description of formations encountered	from	to
CLAY	0	25
SAND	25	50
fine gravel	50	85
big gravel	85	115
clay	115	135
clay	135	137
clay	137	155
some shale ck	155	260
shale rock st.	260	320
sandy shale	320	350
sandy rock st	350	410
sand shale	410	480
shale	480	505
sandy shale	505	570
sand	570	618
sandy shale st.	618	623

133.00
 - 7.65
 135.35

A 58
Carroll

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES
Bureau of Land and Water Resources
Southport Mall
P.O. Box 10631
Jackson, Mississippi 39209
WATER WELL DRILLERS LOG

3-18 1985 Butane Gas Co. Carroll
date well completed firm name county well located

LANDOWNER: E.H. Neal
~~Butane Gas Co.~~
AVALON, Miss.
(mailing address)

WELL LOCATION:
sec. 5 T. 20 N R. 2 E
S W
1.5 miles S.W. of AVALON
(distance) (direction) (nearest town)

WELL PURPOSE: Domestic
(home, irrigation, municipal, industrial)

- WELL COMPLETION DATA:
- (1) diameter (inches) 4" x 2"
 - (2) total depth (feet) 623
 - (3) static water level (feet) 2 (below above top of ground)
 - (4) casing Steel $\frac{2" \times 462' - 588'}{4" \times 126' - 588'}$
(material) (depth)
2" (size) If telescope see back.
 - (5) screen 20' 588
(length) (depth to top)
2" (size) Steel (material)
 - (6) pump 1 hp 8
(HP) (yield gpm)
Elect. (type power)
 - (7) electric log No
(yes or no)
No
(organization running log)
 - (8) how well bottom plugged Back with Valve

description of formations encountered	from	to
CLAY	0	25
SAND	25	50
fine gravel	50	85
big gravel	85	115
Clay	115	135
clay	135	137
clay	137	155
lime shale of	155	260
shale rock st.	260	320
sand shale	320	350
sand rock st	350	410
sand shale	410	480
shale	480	505
sand shale	505	570
sand	570	618
sand shale st.	618	623

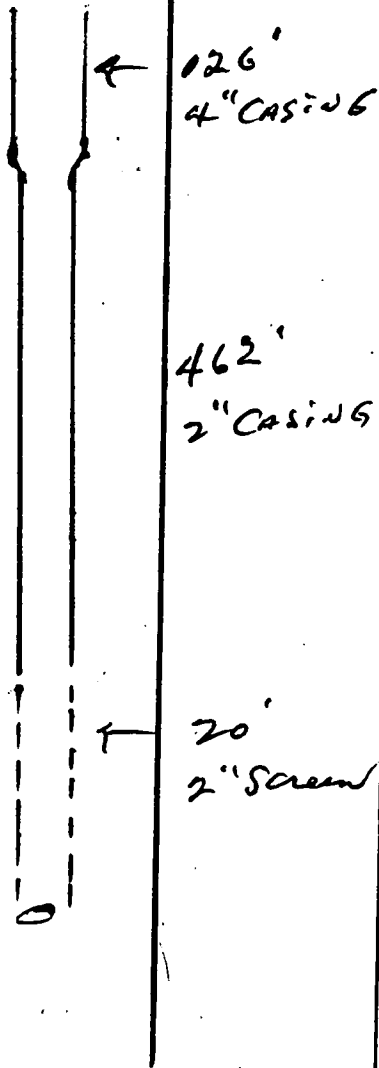
DRILLERS REMARKS:
Richard Vest Sr.

RECEIVED
MAY - 2 1985

Department of Natural Resources
Bureau of Land & Water Resources

If well telescopes please sketch and show depths.

GROUND LEVEL



			X

SECTION 5

Please Indicate well location X.

ADDITIONAL INFORMATION

If more than one screen,
show locations of each on sketch.

WILCOX DATA SHEET-VERIFICATION CHECKLIST

COUNTY Carroll

Browning Q-102

WELL OWNER	<u>E H. Neal</u>	<u>CHECKED</u>
U.S.G.S. NO.	<u>A 58</u>	<u>9/19/94</u>
B.O.H. NO	<u>None</u>	<u>9/19/94</u>
OLWR NO.	<u>NO</u>	<u> </u>
LOCATION:		
MAP	<u>SW, NE, NE, SE S S, T 20 N, R 2 E</u>	<u>9/19/94</u>
GPS	<u> </u>	<u> </u>
ELEV. (MSL)	<u>138' (Change from 130)</u>	<u>9/19/94</u>
W.L. (L.S.)	<u>(1) 20 - 16.65 = 3.35 - 0.70 = -2.65</u>	<u>9/19/94</u>
	<u>(2) 10 - 6.64 = 3.36 - 0.70 = -2.66</u>	<u>9/19/94</u>
HEAD (MSL)	<u>138 - 2.65 = +135.35</u>	<u>9/19/94</u>
SCREENED INTERVAL	<u>588' - 608' (LS) / -450' - -470' (MSL)</u>	<u>9/19/94</u>
AQUIFER VERIFIED	<u>Meridian - Upper Wilcox</u>	<u>9/19/94</u>
PREVIOUS W.L.	<u>- 2' (1985)</u>	<u>9/19/94</u>
DATA ENTERED	<u> </u>	<u> </u>

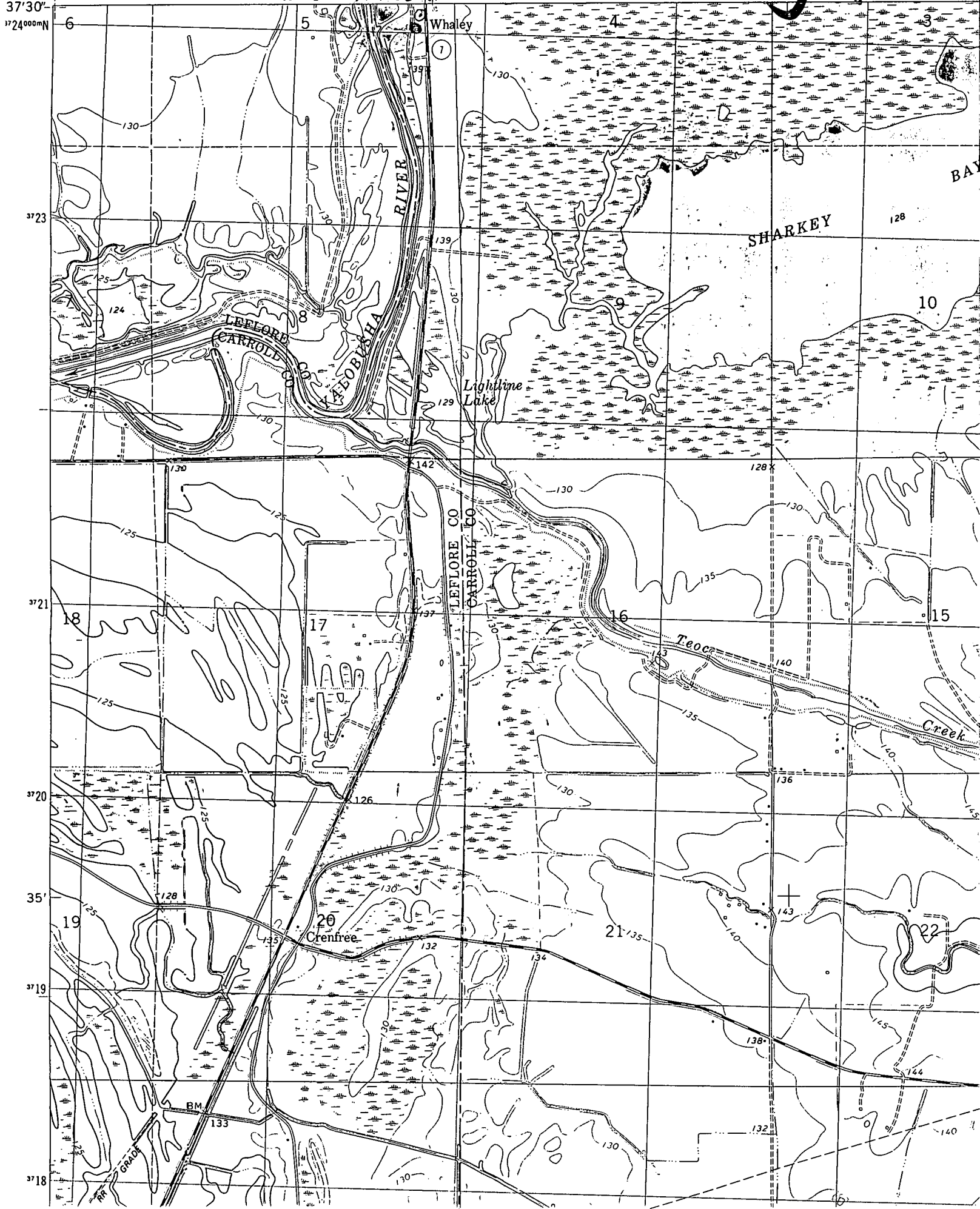
511000
21000

Browning Quad

90°07'30"
37°30"
37°24'00"N

768000mE

A58 GRENADA (INTERSTATE 55) 2.4 MI.
AVALON 2.4 MI.



BAY

SHARKEY

LEFLORE CO
CARROLL CO

FLORIDA RIVER

Lightline Lake

Teoc

Creek

Crenfree

BM

RR GRADE