

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

TRANSMITTED FOR ADP
4/77

PEA

WELL RECORD

Shallow test

Record by WTD Date 4-20-76 County Lowndes Well No. 179 b
E-log No. 65

GEN. SITE DATA

Site ID

3	3	3	0	5	3	0	8	8	2	3	4	6	0	2
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 R= 0 T= (A) M 2= (W) *

Data reliab. 3= (C) U * Report. agency 4= U S G S * Dist. 6= 2 8 * 7= 2 8 *

County 8= 0 8 7 * Lat/Long. 9= 3 3 3 0 5 3 10= 0 8 8 2 3 4 6 *

Well No. 12= 6 1 7 9 * Loc 13= N W S W S 1 1 T 1 8 S R 1 8 W *

Alt. 16= 1 7 8 . * Hyd. Unit (OWDC) 20= * *

Date 21= 0 4 / 2 0 / 1 9 7 6 * Well use 23= T * Water use 24= U *

Hole depth 27= 5 4 4 . * Well depth 28= 4 9 8 . *

WL 30= 4 0 . * Date 31= 0 4 / 2 3 / 1 9 7 6 * Source 33= (D) *

OWNER

R = 158 * T= (A) M * Date 159# 0 4 / 2 0 / 1 9 7 6 * Owner No. T.N.#1

Owner 161= C O L U M B U S * *

FIELD QW

R = 192 * T= (A) M * Date 193# 0 4 / 2 0 / 1 9 7 6 * Additional cards same R thru 193 for each parameter.

Temp. 196# 0 0 0 1 0 * °C 197= * *

Cond. 196# 0 0 0 9 5 * uMhos 197= * *

pH 196# 0 0 4 0 0 * Value 197= 6 . 4 * Fe= 5.0

CONSTR.

R = 58 * T= (A) M * 59# 1 * Date 60= 0 4 / 2 3 / 1 9 7 6 *

Drlr 63= 3 3 0 * Name: Herndon Method 65= (H) *

Finish 66= (S) * Remarks

CASING

R = 76 * T= (A) M * 59# 1 *

Top csng 77# - 0 . Bot. csng 78= 2 7 3 . * Diam. 79# 6 . *

R = 76 * T= (A) M * 59# 1 *

Top csng 77# 2 7 3 . Bot. csng 78= 4 5 6 . * Diam. 79# 3 . *

OPENINGS

R = 82 * T= (A) M * 59# 1 *	R=82 * T= A M * 59# * *
Top 83# 4 5 6 . *	83# * *
Bot. 84= 4 9 8 . *	84= * *
Type 85= (S) *	85= * *
Diam. 87= 3 . *	87= * *
Size 88= . 0 1 5 *	88= * *

YIELD

R = 134 (146) * T= (A) M * 147# 1 * Q 150= 2 0 1 . * Q/s 272= * *

LIFT

R= 42 * T= (A) M * Lift type 43# S * Intake 44= [] [] [] * Power type 45= (E) *
 Date 38= 04/23/1976 * H.P. 46= [] [] 7.5 *

LOGS

R= 198 * T= (A) M * Log 199# (E) * Top 200= [] [] 276 . * Bot. 201= [] [] 951 . *
 R= 198 * T= (A) M * Log 199# [] * Top 200= [] [] [] [] . * Bot. 201= [] [] [] [] . *
 R= 189 * T= (A) * 190# 065 * 191= M I S S D I S T *

ANAL.

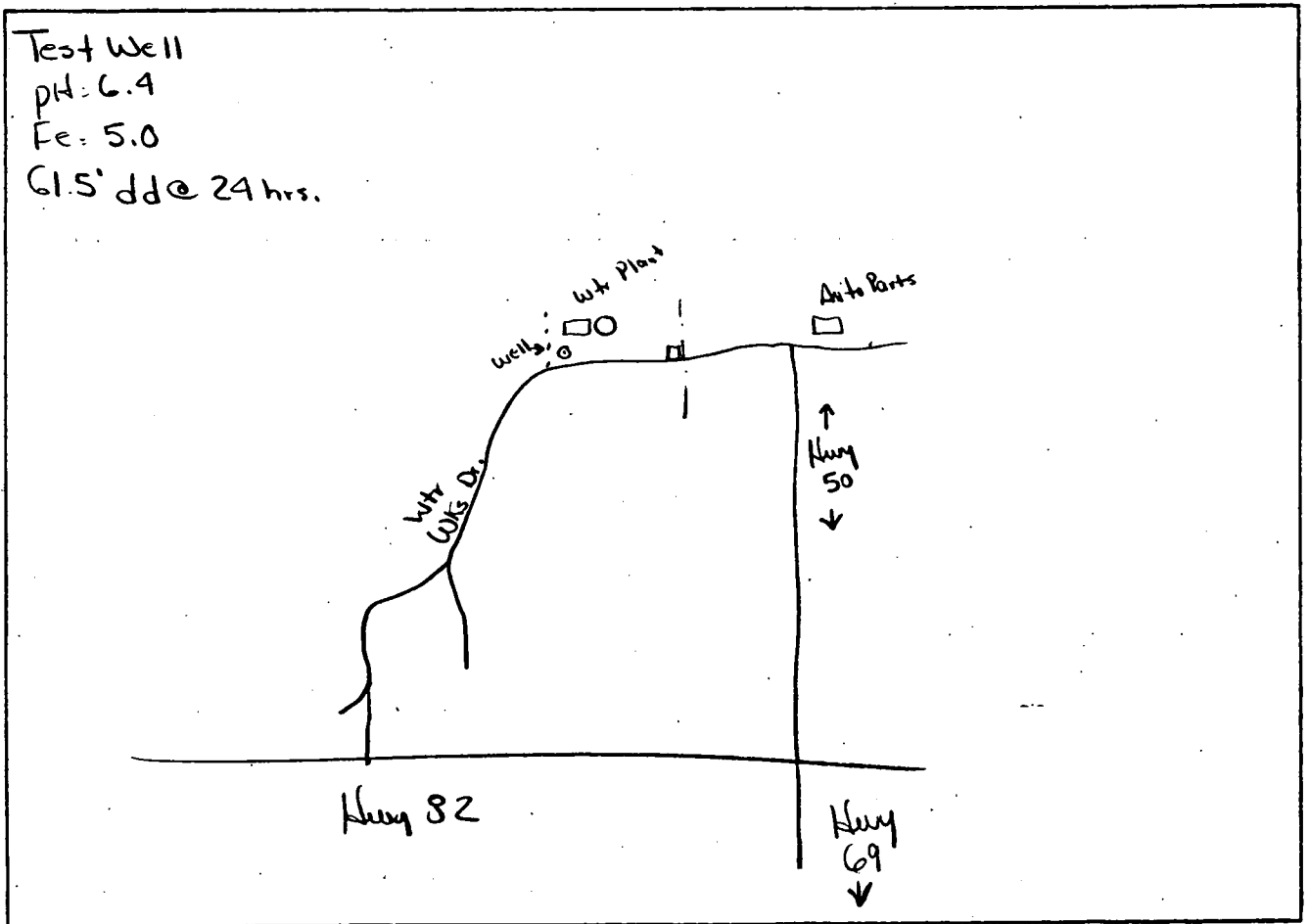
R= 114 * T= (A) M * Year 115# [] [] [] * Type 120= [] *

AQUIFERS

R= 90 * T= (A) M * 256# 1 * Top 91= [] [] [] [] . * Bot. 92= [] [] [] [] . *
 Unit ID 93= 211EUTWX * Name of unit
 R= 90 * T= (A) M * 256# [] * Top 91= [] [] [] [] . * Bot. 92= [] [] [] [] . *
 Unit ID 93= [] [] [] [] [] [] [] * Name of unit

HYDRAULICS

R= 98 * T= (A) M * 99# 1 Unit tested 100= [] [] [] [] [] [] [] [] [] *
 R= 105 * T= (A) M * 99# 1 Test No. 106# [] *
 Transmissivity 107= [] [] [] [] [] [] * T(gal/d)/ft
 Hydraul. conduct. 108= [] [] [] [] [] [] * P(gal/d)/ft²
 Storage coeff. 110= [] [] [] [] [] [] * Boundaries



LOWNDES
G179
S176

MISSISSIPPI
 BOARD OF WATER COMMISSIONERS No. 1
 416 North State Street CODED P E S T
 Jackson, Mississippi 39201 W E L L
WATER WELL DRILLERS LOG Sample #1

May 1976 Herndon Well & Supply, Inc. Lowndes
 date well completed firm name county well located

LANDOWNER: City of	description of formations encountered	from	to
Columbus,	Brown Clay	0	8
	Gravel and Sand	8	23
Columbus, MS	Blue Clay	23	95
(mailing address)	Sand	95	100
	Blue Clay	100	140
	Rock	140	141
	Clay	141	170
	Sand and Clay Streaks	170	270
	Gray & Pink Clay with sand streaks	270	370
	Sand	370	395
	Clay	395	400
	Sand	400	420
	Clay	420	444
	Good Sand	444	500
	Clay	500	544
	Pink-Gray and Brown Clay mixture	544	725
	Rock	725	726
	Clay	726	757
	Sand and Chert	757	777
	Chert and Sand	770	880
	Pink Clay	880	895
	Sand	895	910
	Pink Clay	910	935
	Sand	935	940
	Rock - Hard	940	951

WELL LOCATION:
 sec. 11 18 T 18 S R 18 W
 Inside Corp Limits Columbus
 (distance) miles (direction) of (nearest town)

WELL PURPOSE: Testing--Munic.
 (home, irrigation, municipal, industrial)

- WELL COMPLETION DATA:
- (1) diameter (inches) 6 x 9
 - (2) total depth (feet) 951'
 - (3) static water level (feet) 40' below top of ground.
 - (4) casing 275 Steel (material), (depth) 6" (size) If telescope see back.
 - (5) screen 42' 456 Ft. (length) (depth to top) (size) (material)
 - (6) pump (HP) (yield gpm) (type power)
 - (7) electric log X (yes or no) U.S.G.S (organization running log)
 - (8) how well bottom plugged

RECEIVED

SEP 10 1976

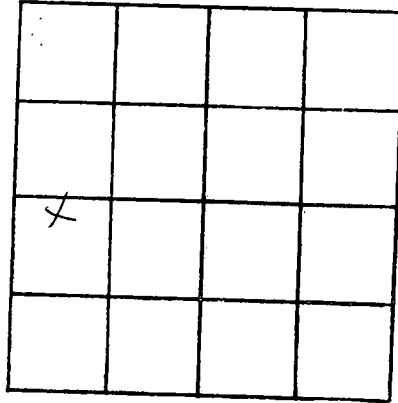
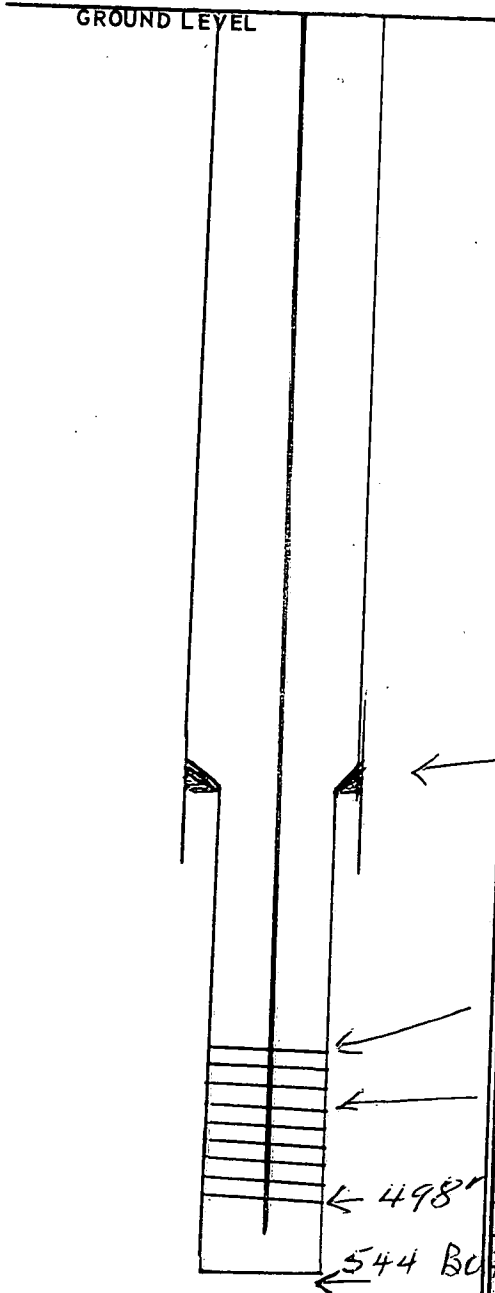
MISS. BD. OF WATER COMM

DRILLERS REMARKS:

If well telescopes please sketch and show depths.

WELL # 1

SAMPLE # 1
(SHALLOW)



SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

200 GPM

30' DRAWDOWN

6.66 C/P

246' LEAD SEAL

275' 6" CASING

456 Top of SCREEN

42' SCREEN .015 .3"

498'

544 BOTTOM

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

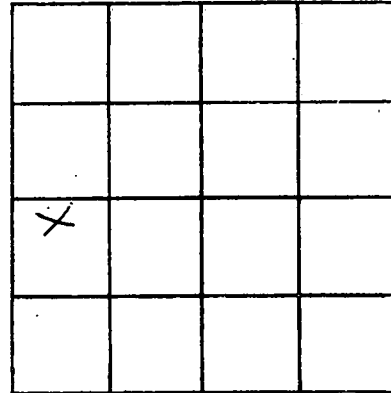
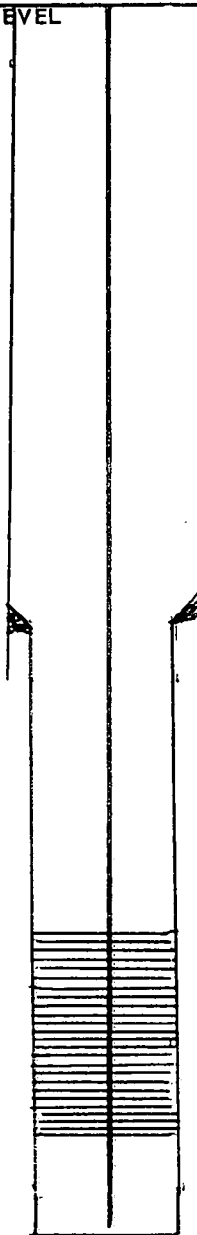
(X)

If well telescopes please sketch and show depths.

WELL # 1

SAMPLE # 2
(DEEP)

GROUND LEVEL



SECTION 11

Please indicate well location X.

ADDITIONAL INFORMATION

167 C-PM
 18.31 DD.
 9.12 C-PF
 +18 W.L.

3" BLANK PIPE

779 TOP OF SCREEN

84' SCREEN 3" .015

951 BOTTOM

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

