

DOI # 090004-01

DOI # 0090004-01

GW00648

GW648

GPSd 7/31/97 PP/DH

B24

WRD Exp. (GW)
April 1966

Well No.

WELL SCHEDULE

E. Log 29

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by PE. Grantham Source of data E Log + Drlr Date 12-21-66 Map TROY 94-C County Hwy Map

State Mississippi 4 28 County (or town) Chickasaw 09

Latitude: 34 01 08 N Longitude: 089 59 23 Sequential number: 1

Lat-long accuracy: 3 20 T. 12 S. 3 W. Sec 21 SE SW SE

Local well number: 8024 02112503E Other number: B & M

Local use: 053029 Owner or name: Houlka-Houston Water

Owner or name: H O U L K A - H O U S T O N Address: Houlka, Miss

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist N

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) Ind, (K) P, (L) Rec, (M) Stock, (N) Instit, (O) Unused, (P) Repressure, (Q) Recharge, (R) Desal-P S, (S) Desal-other, (T) Other F

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed. W

DATA AVAILABLE: Well data 0 Freq. W/L meas.: 0 Field aquifer char. 0

Hyd. lab. data: 0

Qual. water data: type: MSBOW 12/67 USGS 11/70

Freq. sampling: 0 Pumpage inventory: 0 no. period: 0

Aperture cards: 0

Log data: E Log 402-1141 no data

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1088 Meas. rept 3

Depth cased: (first perf.) 1028 Casing type: Steel Diam. 10 x 4 in 10

Finish: porous concrete, gravel w. screen, gravel w. gallery, horiz. open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other G

Method: (A) air bored, (B) cable, (C) dug, (D) hyd jetted, (E) air percussion, (F) rotary, (R) reverse, (T) trenching, (V) driven, (W) drive wash, (Z) other H

Date Drilled: 12-66 967 Pump intake setting: 0 ft 0

Driller: T.M. Parks Drlg. Co. Houlka Miss

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other T Deep 0 Shallow 40

Power (type): (nat) diesel, (elec) gas, gasoline, hand, gas, wind; H.P. 20 Y Trans. or meter no. 0

Descrip. MP 442 (OK, 10/89) ft above below LSD, Alt. MP 0

Alt. LSD: 45 EST 450 Accuracy: CI 100

Water Level: 130 ft above below MP; 164 ft above below LSD Accuracy: WL: 269 11/28/73

Date meas: 67 Yield: 150 gpm 150 Method determined 0

Drawdown: 36 @ 150 ft 36 Accuracy: 0 Pumping period 0 hrs 0

QUALITY OF WATER DATA: Iron 0 Sulfate 0 Chloride 0 Hard. 0

Sp. Conduct 470 K x 10⁶ 3 Temp. 25.0 Date sampled N 70

Taste, color, etc. pH: 8.2 Fe: Trace Cl 82.

11/30/82
201.35

11-15-91 DH
230.00 hold
28.39 cut
201.61
1.4 mp
200.21

W.L. 200.6
8/14/87
1987
W.L. = 277.3

11/28/78
WL = 269

LAG
WL 11/28/78
200.13
Elevation
442

PUNCHED and VERIFIED
BOLLA COMPIGATION BRANCH

Well No.

B24

Well No. 624

Latitude-longitude _____
 d m s N S d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: _____ Section: 03

D Drainage Basin: 13E Subbasin: _____

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat (H) _____

MAJOR AQUIFER: Cret system, Upper Cret series, K3 aquifer, Eulaw group, EZ aquifer, formation, group

Lithology: 1S Origin: 6 Aquifer Thickness: _____ ft

62 Length of well open to: 60 ft 55 Depth to top of: 1025 ft A03

MINOR AQUIFER: _____ system, _____ series, _____ aquifer, formation, group

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ ft

Intervals Screened: _____

Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

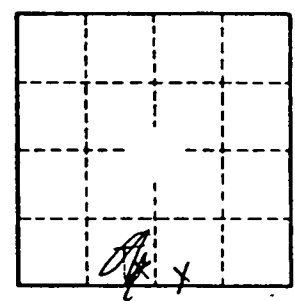
Surficial material: Clay Infiltration characteristics: 5

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

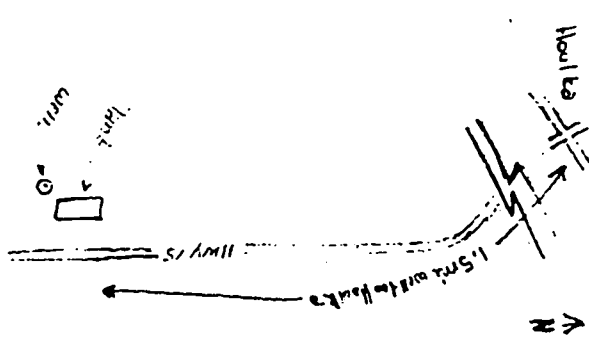
Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

Top of water 850 ft
 MP = 1/2" plug @ 1.4'
 WL = 209' 11/28/78
 WL = 201.35 11-30-82

54
55



Well No. _____



Possible pumping test 4" plug
 well pumps alot WL a little
 trouble | will need 4" elbow
 to come off 4" plug

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Phillips/Hardin DATE: 7/31/97

UNIT DEQ #: _____ FILE #: B073116A

HEALTH DEPT. #: 09.0004-01 (No tag) ELEV. 442

USGS #: B24 OLWR #: GW00648

OWNER: Houlka-Houston W.A. QUAD: Troy

LOCATION: SW/SE S 21 T 12S R 3E COUNTY: Chickasaw

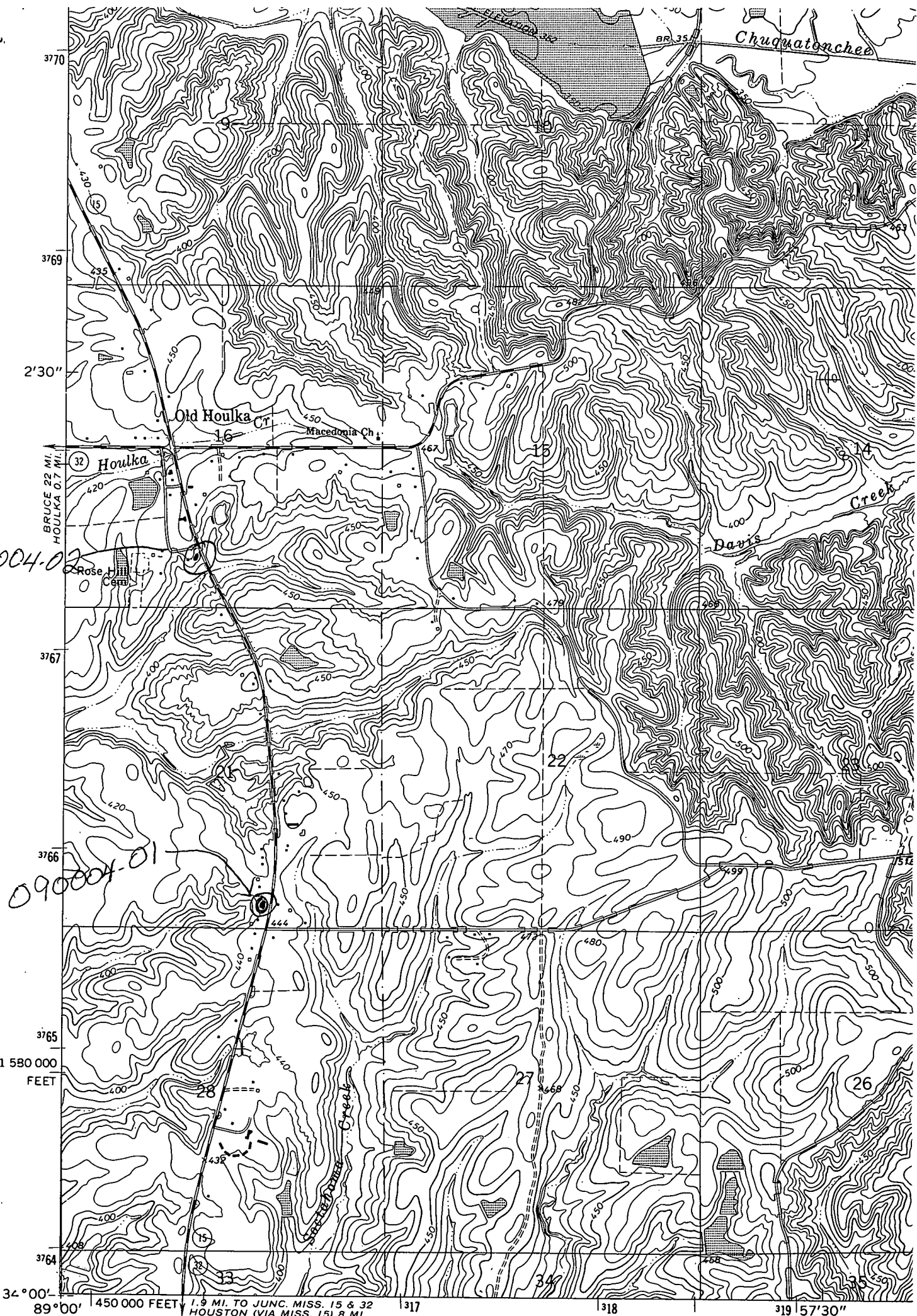
LOCATION DESCRIPTION: On Hwy 15 just north of CR 115 about
1.5 miles south of Old Houlka

CASING DIA: _____ PUMP TYPE & SIZE: Submersible

GPS FIELD LOCATION: LAT. 34° 01' 03.6" N LONG. 88° 59' 21.0" W

GPS CORRECTED LOCATION: LAT. 34.017889 LONG. 88.98912601

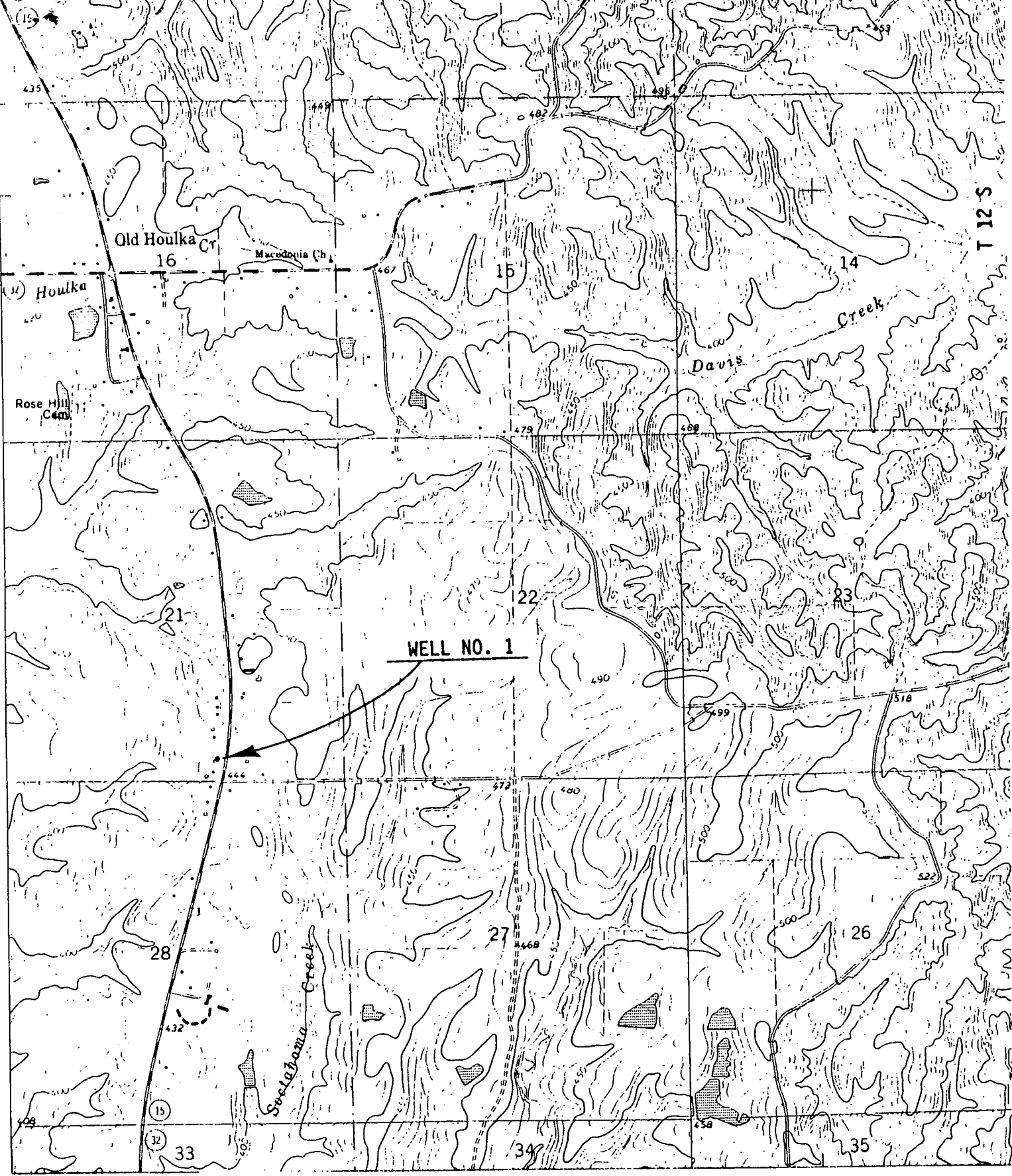
REMARKS: _____



090004-02

090004-01

1 580 000
FEET



MAP FROM:
TROY, MISS.
QUAD.--7.5 MIN.

R 3 E

SITE OF WELL NO. 1
HOULKA-HOUSTON WATER ASSOC.
CHICKASAW COUNTY, MISS.