

loc. quest., sketch, 1/4, 1/4 don't match.

DOH # 0090004-02  
CW00649  
GPSd 7/31/97 PP/DH

USE changed to Domestic (H) 12/9/76 JAC

B 29

FORM 9-1642  
(1-68)

Well No. \_\_\_\_\_

### WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

#### MASTER CARD

Record by J. S. Source of data ROWC Date 6/70 Map TROY 94-C  
State 00 County Chickasaw (or town) 09

Latitude: 34 02 24 N Longitude: 08 85 97 35 Sequential number: 1  
deg min sec 12 degrees 13 min sec 19

Lat-long accuracy: 5 T. 12 S. R. 3 W. Sec. 16 NE NE NW SW NE SE SW  
Local well number: 0029 A. B. 1612 S. O. 3E Other number: \_\_\_\_\_

Local use: 053 771 65 Owner or name: Houlika-Houston W.A.

Owner or name: F.M. PARKS Address: Houlika  
Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist Houlika Houston W.A. P

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Doo, Irr, Mad, Ind, P S, Rec, ON PARKS' RIG YARD

water: (S) (T) (U) (V) (W) (X) (Y) (Z) W  
Stock, Instat, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other W

Use of well: (A) (D) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) W  
Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed.

DATA AVAILABLE: Well data 0 Freq. W/L meas.: 0 Field aquifer char. 2

Hyd. lab. data: \_\_\_\_\_

Qual. water data; type: \_\_\_\_\_

Freq. sampling: \_\_\_\_\_ Pumpage inventory: 0 yes no; period: \_\_\_\_\_

Aperture cards: \_\_\_\_\_ Log data: D

#### WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1108 ft Mess. rept accuracy 0  
Depth cased; (first perf.) 1008 ft Casing type: Steel; Diam. 10x6 in 0

Finish: (C) porous concrete, (F) gravel w. (G) gravel w. (H) horiz. open (I) open (J) screen, gallery, end, (K) perf., (L) screen, (M) ad. pt., (N) shored, (O) hole, (P) other, (Q) other G

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd jetted, (F) air rot., (G) percussion, (H) rotary, (I) reverse, (J) trenching, (K) driven, (L) drive wash, (M) other H

Date Drilled: 970 Pump intake setting: \_\_\_\_\_ ft 0

Driller: \_\_\_\_\_ name address 5 Deep 0  
Lift (type): (A) air, (B) bucket, (C) cent. jet, (D) multiple, (E) multiple, (F) nose, (G) piston, (H) rot, (I) submerg, (J) turb, (K) other S Shallow 0

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. 15 Trans. or meter no. 0

Descrip. MP Access hole in plate atop casing, 1.25 ft above LSD, Alt. MP \_\_\_\_\_

Alt. LSD: 430 445 Accuracy: (source) 4

Water Level: 230.89 ft above below MP; Ft. below LSD 253 Accuracy: 1

Date meas: 078 Yield: 137 gpm Method determined 4

Drawdown: \_\_\_\_\_ ft Accuracy: \_\_\_\_\_ Pumping period: \_\_\_\_\_ hrs 1

QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm Sulfate \_\_\_\_\_ ppm Chloride \_\_\_\_\_ ppm Hard. \_\_\_\_\_ ppm  
Sp. Conduct \_\_\_\_\_ K x 10<sup>6</sup> Temp. \_\_\_\_\_ °F Date sampled \_\_\_\_\_

Taste, color, etc. \_\_\_\_\_

11-14-91  
DIT  
Sold 300.0  
cut 15.03  
284.97  
MP 1.5  
283.31

1987  
WV = 276.4

Elev. 440' 430'  
1987

PUNCHED and VERIFIED  
ROLLA COMPUTATION BRANCH

Well No. \_\_\_\_\_

Well No. B29

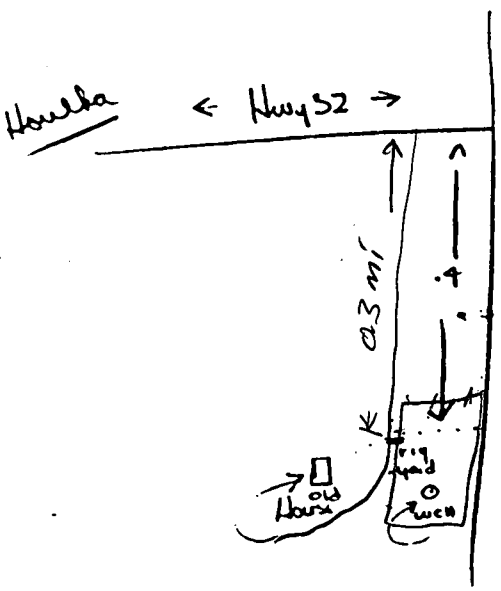
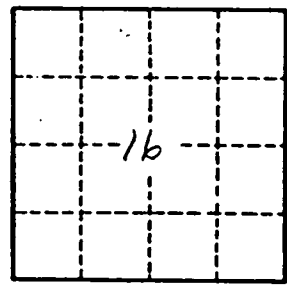
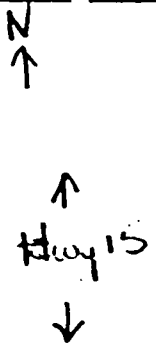
Latitude-longitude N  
S

**HYDROGEOLOGIC CARD**

SAME AS ON MASTER CARD    Physiographic Province: 03    Section: \_\_\_\_\_  
 Drainage Basin: D    Subbasin: 13E  
 Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (K) (L) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat    H  
 MAJOR AQUIFER: system \_\_\_\_\_ series K3 aquifer, formation, group E2  
 Lithology: \_\_\_\_\_ Origin: 6 Aquifer Thickness: \_\_\_\_\_ ft  
 Length of well open to: 100 ft    Depth to top of: 100 ft    A01  
 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: 4" S    100' x 4"  
 Depth to consolidated rock: \_\_\_\_\_ ft    Source of data: \_\_\_\_\_  
 Depth to basement: \_\_\_\_\_ ft    Source of data: \_\_\_\_\_  
 Surficial material: \_\_\_\_\_    Infiltration characteristics: \_\_\_\_\_  
 Coefficient Trans: \_\_\_\_\_ gpd/ft    Coefficient Storage: \_\_\_\_\_  
 Perm: 370 gpd/ft<sup>2</sup>; Spec cap: 6.5 gpm/ft; Number of geologic cards: \_\_\_\_\_

See E-104  
No. 26  
2 mi S.

(split screen)



WL rept 160. (1970) (?)  
 WL = 230. (6/71)  
 WL = 253. (10/78)  
 WL = 263.36 (11-30-82)

Plans to tie a few houses on system.  
 Pumping test could be run need to cut hole in plate for WL meas.

Chickasaw  
 B29  
 06-70  
 GW 00649

MISSISSIPPI  
 BOARD OF WATER COMMISSIONERS  
 416 North State Street  
 Jackson, Mississippi 39201

**CODED**

WATER WELL DRILLERS LOG

June 19 T.M. PARKS Drilling Co. firm name  
 Chickasaw county well located

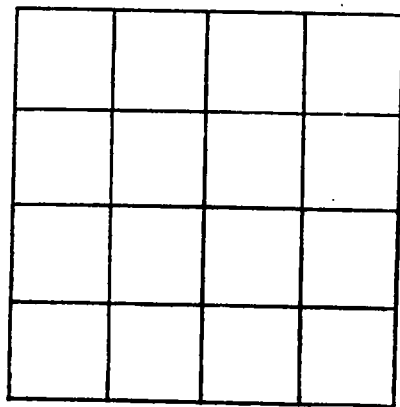
LANDOWNER: <u>T.M. PARKS</u>	description of formations encountered	from	to
<u>Box 307</u> <u>Howka, Miss.</u> (mailing address)			
WELL LOCATION: sec. <u>16</u> T. <u>12</u> R. <u>3</u> <u>1 1/4</u> miles <u>East</u> of <u>Howka</u> (distance) (direction) (nearest town)	<u>Clay</u>	<u>0</u>	<u>21</u>
WELL PURPOSE: <u>INDUSTRIAL</u> (home, irrigation, municipal, industrial)	<u>SAND (Red + Grey)</u>	<u>21</u>	<u>34'</u>
WELL COMPLETION DATA: (1) diameter (inches) <u>10"</u>	<u>Rock, Sandy Clays</u>	<u>34'</u>	<u>149'</u>
(2) total depth (feet) <u>1108</u>	<u>Sand w/ Rock (Red)</u>	<u>149</u>	<u>300</u>
(3) static water level (feet) <u>160</u> below above top of ground.	<u>Chalk + Limestone</u>	<u>300'</u>	<u>874'</u>
(4) casing <u>Steel</u> <u>1008'</u> (material) (depth)	<u>Shale + ind. sands</u>	<u>874</u>	<u>901</u>
(5) screen <u>4"</u> <u>100'</u> <u>1008'</u> (size) (length) (depth to top)	<u>Fine sand + clays w/ shales</u>	<u>901</u>	<u>1008</u>
(6) pump <u>15</u> <u>150</u> (HP) (yield gpm)	<u>Good MASSIVE SAND</u>	<u>1008</u>	<u>1108</u>
(7) electric log <u>NO</u> (yes or no)	<u>TD</u>		
(8) how well bottom plugged <u>BPV</u>			
DRILLERS REMARKS: <u>well well gravel</u>			

**CODED**

(7)

If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION \_\_\_\_\_

Please indicate well location X.

ADDITIONAL INFORMATION

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

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

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

UNIT DEQ #: \_\_\_\_\_ FILE #: B073116D

HEALTH DEPT. #: 090004-02 ELEV. 425

USGS #: B29 OLWR #: Gw00649

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

LOCATION: SE/SW S 16 T 12S R 3E COUNTY: Chickasaw

LOCATION DESCRIPTION: On T.M. Parks lot in Old Houlka  
on Hwy 15

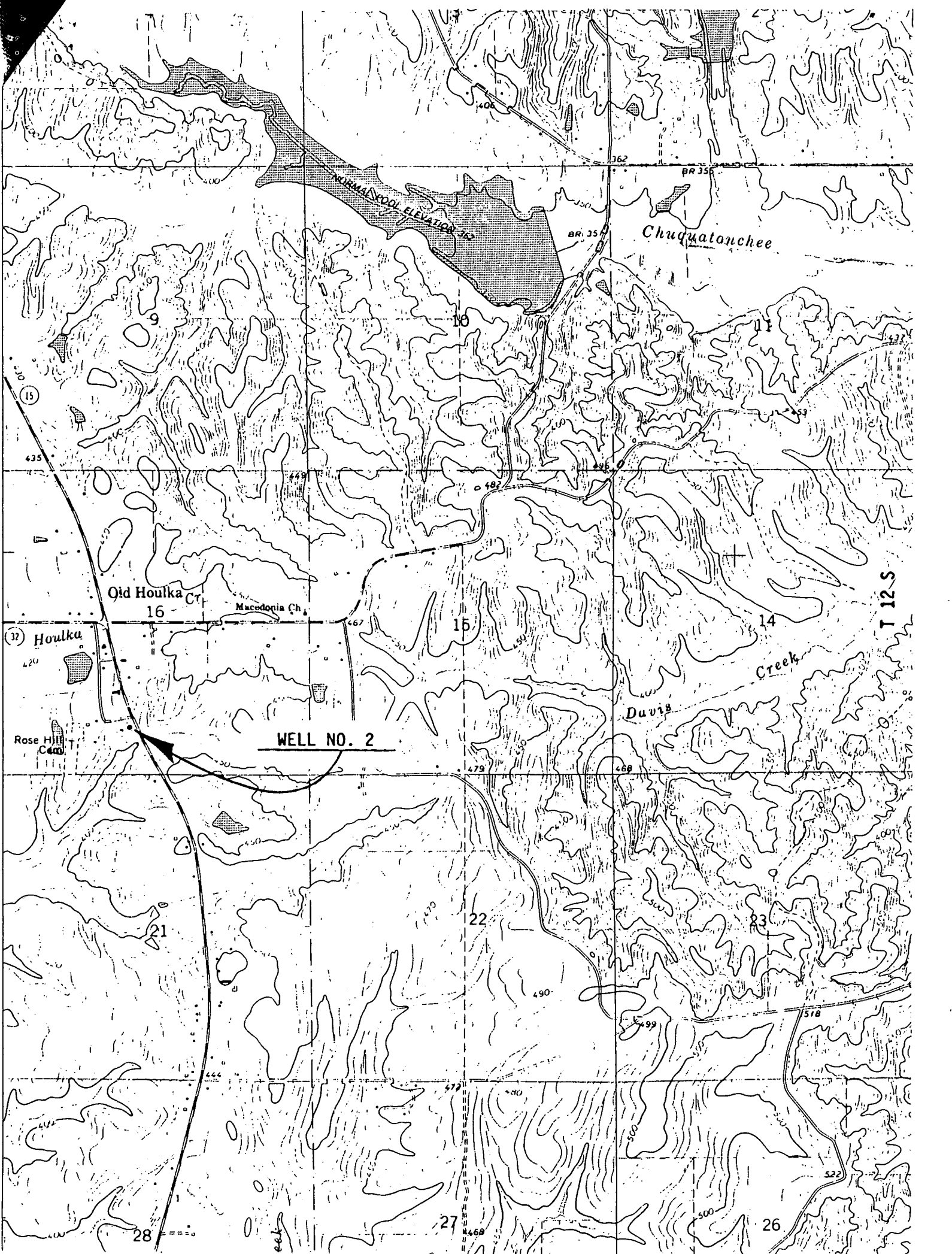
CASING DIA: \_\_\_\_\_ PUMP TYPE & SIZE: \_\_\_\_\_

GPS FIELD LOCATION: LAT. 34° 02' 00.9" N LONG. 88° 59' 34.4" W

GPS CORRECTED LOCATION: LAT. 34.033403 LONG. 88.99321692

REMARKS: Measured about 50' west of well

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



MURRAY POOL ELEVATION 312

Chuquatonchee

BR. 35

Old Houlka Cr.

Macedonia Ch.

Houlka

Rose Hill Camp

WELL NO. 2

Davis

Creek

T 12 S

28

27

26

22

23

21

10

11

16

15

14

15

13

577

580

500

500

522

518

499

488

479

450

430

467

482

453

435

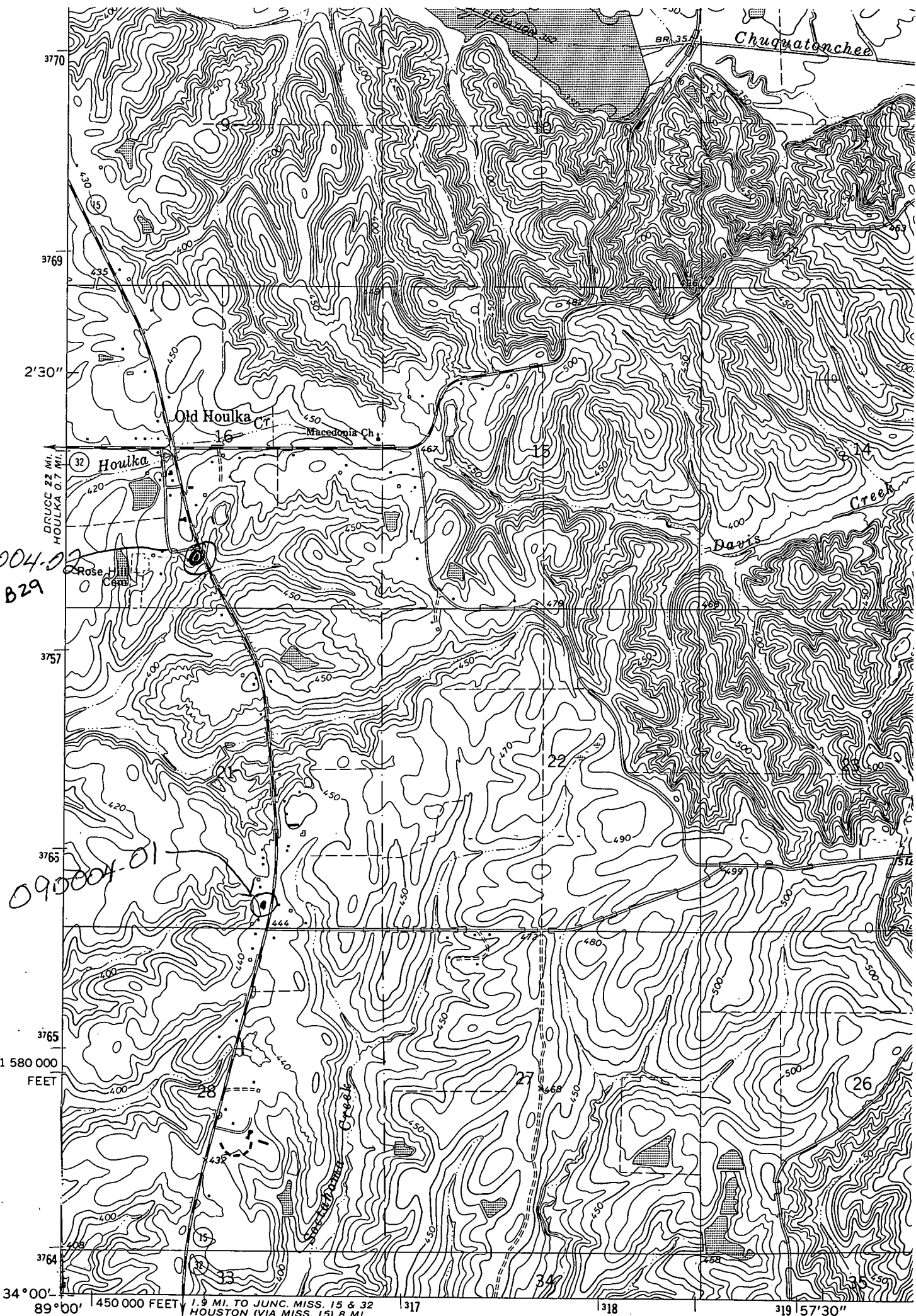
400

762

400

437

548



090004-02  
B29

090004-01

1 580 000  
FEET

34°00' 89°00' 450 000 FEET 1.9 MI. TO JUNC. MISS. 15 & 32 HOUSTON (VIA MISS. 15) 8 MI.

317

318

319 57'30"