

Well No. M36

Latitude-longitude N
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HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: Coastal Plain Section: East Gulf 0 3

Coastal Plain D Drainage Basin: 1 3 P Subbasin: 26

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) (F) (H) (K) (L) (O) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat 27 5

MAJOR AQUIFER: Tertiary system, Eocene series, TE aquifer, formation, group, S.S. 30 31

Lithology: U S Origin: 2 Aquifer Thickness: 2 ft 32 33 34

1 4 7 Length of well open to: 40 ft 35 36 37 38 39 40 Depth to top of: 198 ft 41 42 43

MINOR AQUIFER: system, series, aquifer, formation, group, 44 45 46 47

Lithology: Origin: Aquifer Thickness: ft 48 49 50

 Length of well open to: ft 51 52 53 54 55 Depth to top of: ft 56 57 58 59

Intervals Screened:

Depth to consolidated rock: ft 60 61 62 63 Source of data: 64

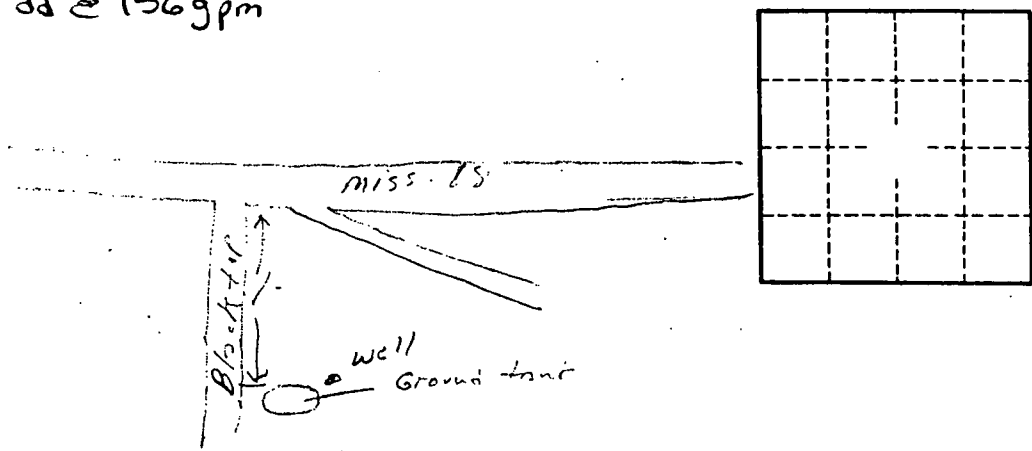
Depth to basement: ft 65 66 67 68 Source of data: 69

Surficial material: Infiltration characteristics: 70 71 72

Coefficient Trans: gpd/ft 73 74 75 Coefficient Storage: 76 77 78

Coefficient Perm: gpd/ft²; Spec cap: gpm/ft; Number of geologic cards: 79

10' dd @ 156 gpm



McClendon says this well will yield 400-500 gpm

MISSISSIPPI BOARD OF WATER COMMISSIONERS

WATER WELL DRILLERS LOG 2

Date: August 8, 1966, Driller: Carloss Well Supply Co County Clarke

(Name)

(1) Owner of Land: Harmony Water Association, Inc. (Clarke County) Harmony, Miss.

(2) Location: SE 1/4, NW 1/4, Sec. 29 2 15 T14 R1 E, 5 miles Southwest of Quitman, Miss.

(3) Topography: Hilly

(4) Purpose of Well: Municipal

Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
Red Clay	18	18
Streaks Sand & Soft Clay	18	36
Black Clay	12	48
Hard Sandstone	9	57
Black Clay	13	70
Hard, Fine, Grey Sand	14	84
Dark, Brown, Hard Clay	49	133
Hard Sandstone	2	135
Clay	6	141
Hard Sandstone & Clam Shells	7	148
Hard, Fine, Med. Sand and Clean Shells	8	156
Clay	3	159
Hard, Blue, Sandy Clay & Clam Shells	25	184
Fine, Muddy, Blue Sand, Hard Clam Shells	14	198
Med. Sand, Hard, Fine	20	219
Loose, Med. Sand,	7	226
Med. Grey Sand, Hard	23	249
Med. Grey Sand	23	272
Med., Coarse, Loose Sand	23	294
Coarse Sand, Loose Strks		
Lignite	15	309
Brown Lignite	2	311
Coarse, Loose Sand	6	317
Med. Coarse, Hard Sand	28	345
Clay	20	365

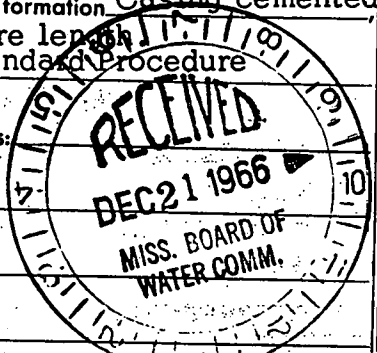
Information upon completion of well:

- (1) Diameter 10 inches.
- (2) Total Depth 275 feet.
- (3) Water Level 103 feet below top of ground.
- (4) Cased to 227'-10", Size 10"
- (5) Screen: Size 6", Length 40'-4"
- (6) Were any formations sealed against pollution? yes, no.

If YES depth of formation Casing cemented its entire length

Why Standard Procedure

Drillers Remarks:



(Use Back Side)

Well No.

Mail this copy to Board of Water Commissioners 429 Miss. St. Jackson, Miss.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): DLB DATE: Aug 14 1996

UNIT DEQ #: _____ FILE #: A081417A

HEALTH DEPT. #: 120005-01 ELEV. _____

USGS #: M036 OLWR #: GW 14436

OWNER: Harmony Water Ass. QUAD: Hale

LOCATION: SE NW S 29 T 2N R 15E COUNTY: Clarke

LOCATION DESCRIPTION: Hyw 18W of Quitman Approx 4 miles

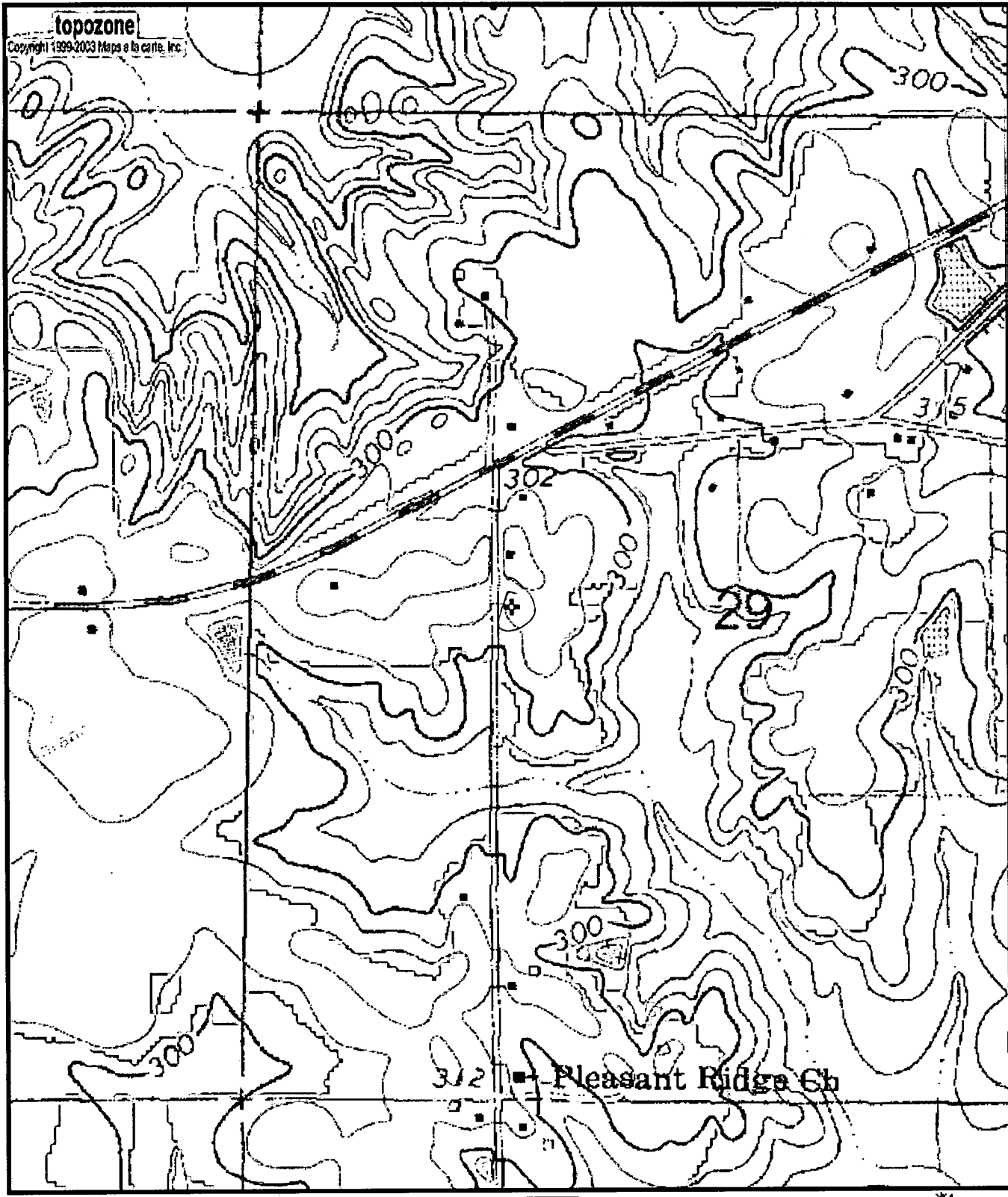
315904 884713

CASING DIA: _____ PUMP TYPE & SIZE: _____

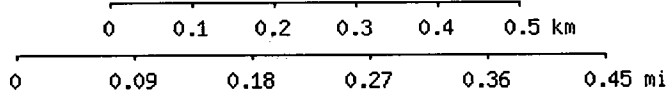
GPS FIELD LOCATION: LAT. 31 59 151 LONG. 88 47 318

GPS CORRECTED LOCATION: LAT. 31.98556414 LONG. 88.78806563

REMARKS: Clark Co Road 117 + Hy 18, go .1 mile
on 117 on left.



0120005-01
 GW14436
 M36



Map center is 31° 59' 08"N, 88° 47' 17"W (WGS84/NAD83)
Hale quadrangle
 Projection is UTM Zone 16 NAD83 Datum

