

WRD Exp. (GW)
April 1966

Well No. M56

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

MASTER CARD

Record by J.A. CALLAHAN Source of data [Fish Hatchery] Date 12-4-67 Map Chunky
[R. Newcome, B.E. Ellison 64] MISS 28 County LAUDERDALE 38
 State MISS
 Latitude: 32 19 14 N Longitude: 08 8 4 5 2 Sequential number: 1
 Lat-long accuracy: 3 T. 6 S, R 15 W, Sec 34, NW 1/4, SE 1/4
 Local well number: 0005BD3406N15E Other number: B & M
 Local use: 055 Owner or name: U.S. Fish & Wildlife
 Owner or name: U.S. FISH & WILDL Address: MERIDIAN, MISS
 Ownership: County, (F) Red Court, City, Corp or Co, Private, State Agency, Water Dist 67 A
 Use of Air cond, Bottling, Comm, Dewater, Power, Fire, (H) Dom, Irr, Med, Ind, P S, Rec, water: (S) (T) (U) (V) (W) (X) (Y) (Z) 68 Z
 Use of (A) (D) (G) (H) (I) (P) (R) (T) (U) (W) (X) (Z) 69 W
 well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed
 DATA AVAILABLE: Well data 70 Freq. W/L meas.: 71 0 Field aquifer char. 72 0
 Hyd. lab. data: 73 0
 Qual. water data; type: 74 C
 Freq. sampling: 75 Pumpage inventory: 76 0 yes no, period: 77 0 yes
 Aperture cards: 78 0
 Log data: Drillers log 79 h

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 790 ft 790 Meas. Drillers log 24 2
 Depth cased: 660 ft 660 Casing type: steel ; Diam. 6 in 29 30
 Finish: porous gravel w. gravel w. horiz. (open perf.) (S) (T) (W) (X) (Z) 31 5
 concrete, (perf.), (screen), gallery, end, (screen, sd. pt., shored, open hole, other
 Method (A) (B) (C) (D) (H) (J) (P) (R) (T) (V) (W) (Z) 32 H
 Drilled: air bored, cable, dug, (H) jetted, air reverse trenching, driven, drive rot, percussion, rotary, wash, other
 Date Drilled: 10-3-1963 963 Pump intake setting: 33 35 ft 36 38
 Driller: TERRY DRILLING CO, MARION, MISS
 Lift (A) (B) (C) (J) (L) (M) (N) (P) (R) (S) (T) (Z) 39 S Deep 40 0
 (type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, (S) submers, turb, other
 Power (type): diesel, (elec) nat gas, gasoline, hand, gas, wind; H.P. 10 U Trans. or meter no. 40
 Descrip. MP Top 678" collar 1.2' ft above below LSD. Alt. MP 41
 Alt. LSD: 295 295 Accuracy: CI 20 47 5
 Water Level 5.66 ft above below MP; Ft below LSD 48 49 6 Accuracy: Measured 52 17
 Date meas: 1-21-64 164 Yield: 95 gpm 51 95 Method determined 61 0
 Drawdown: 16 ft 62 16 Accuracy: rept. 63 6 Pumping period 64 68 hrs 66 68
 QUALITY OF WATER DATA: Iron .69 4 Sulfate 8.4 0 Chloride 4.9 0 Hard. 25 2
 Sp. Conduct 240 K x 10⁶ 2 Temp. °F 73 Date sampled 567 77 79
 Taste, color, etc. Ph. 7.3

Well No. M56

Well No. 175

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 0.3 Section: _____

D Drainage Basin: 13A Subbasin: _____

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (V) valley flat

MAJOR AQUIFER: TERTIARY, EOCENE TE LOWER WILCOX LW

Lithology: sand US Origin: _____ Aquifer Thickness: _____ ft

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

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" 018 660-680 - 760-770

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

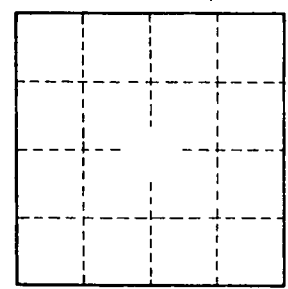
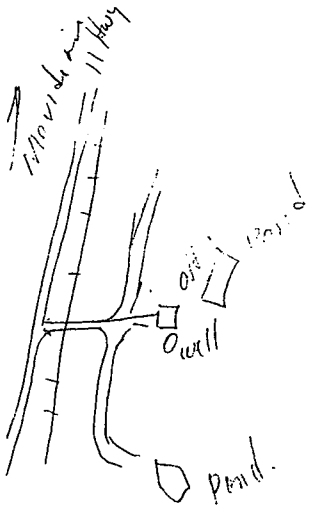
Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

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

- 9 Top Sect
- 8-24 Sand & Shells
- 24-30 Log
- 30-72 Shale
- 74-135 Sand-Shale-rock
- 135-188 Shale
- 188-318 Gumbo
- 318-338 Shale & rock sh.
- 338-417 Sandy Shale
- 439-461 Fine sand & lignite
- " - 574 sh & gumbo
- 616 Sand
- 660 Sand #18 gpm 20' Screen
- 748 "
- 755 Gumbo
- 770 Sand Coarse #18 10' Screen
- 790 Sandy Sh.



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