

REPLACEMENT

WRD Exp. (GW)
April 1966

Well No. K7

WELL SCHEDULE

E Log # 89

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

V.J. RUNNELS - 849-3603

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

Record by P.E. Grantham Source of data Driv. + E Log Date 6-14-68 Map

State Mississippi 54 28 County (or town) Simpson 64

Latitude: 31 52 46 N Longitude: 09 45 N Sequential number: 7

Lat-long accuracy: 3 1 5 35 SE NW Other number: B & M

Local well number: K007BD3501N0SE Owner or name: Smith Crossing Wtr. Assoc.

Local use: 069089 770 16 Address: Well #1

Owner or name: SMITH CROSS W A Address: Well #1

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

Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, Stock, Instit, Unused, Recharge, Desal-P S, Desal-other, Other P

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed W

DATA AVAILABLE: Well data 70 Freq. W/L meas.: 71 Field aquifer char. 72

Hyd. lab. data: 73

Qual. water data; type: USCS 74

Freq. sampling: 75 Pumpage inventory: yes 76 no, period: 77

Aperture cards: 78

Log data: E Log 25-311 well located near electric sub station 78 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 125 ft Meas. rept 24 3

Depth cased; (first perf.) 105 ft Casing type: steel ; Diam. 18x10 in 29 30 accuracy 23

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, other 31 G

Method Drilled: air bored, cable, dug, hyd jetted, air reverse trenching, driven, drive rot., rot., percussion, rotary, other 32 H

Date Drilled: 6-68 968 Pump intake setting: 36 38

Driller: Layne Central Co. Jackson, Miss

Lift (type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other 39 Deep 40 T Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 15 U Trans. or meter no.

Descrip. MP 1 400 ft above 41 below LSD. Alt. MP 47 6

Alt. LSD: 400 Accuracy: 475 11/25/61 47 6

Water Level: 54 ft above MP; Ft below LSD 51 Accuracy: 52 A

Date meas: 770 Yield: 183 gpm Method determined 4

Drawdown: 770 Accuracy: 1 1/2 hrs 46 2

QUALITY OF WATER DATA: Iron 69 Sulfate 70 Chloride 71 Hard. 72

Sp. Conduct 450 K x 10 0 Temp. 65 °F 118 Date sampled 6-24-69 669

Taste, color, etc. 73 74 75 76 77 79

1125/81
75
22.98
52.10
2.5
49.65
475
50
425

Well No.

WELL NO. AK 714

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

HYDROGEOLOGIC CARD

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

Drainage Basin: D 13 N Subbasin: _____

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

MAJOR AQUIFER: system _____ series TP aquifer, formation, group CI

Lithology: _____ Origin: US Aquifer Thickness: 2 110 ft

Length of well open to: _____ ft 20 Depth to top of: _____ ft 44

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: _____

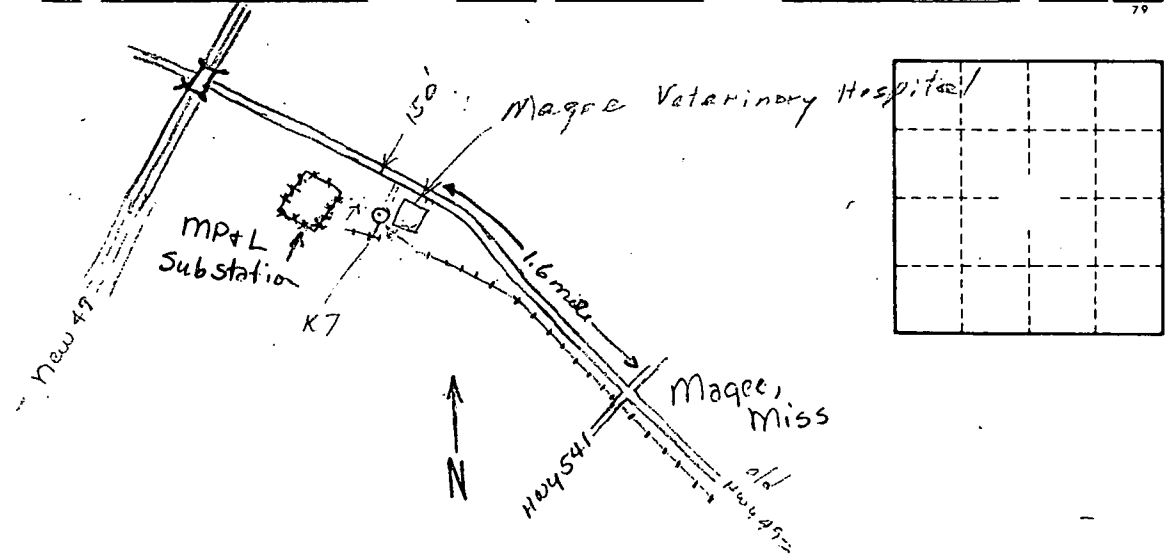
Depth to consolidated rock: _____ ft _____ Source of data: _____

Depth to basement: _____ ft _____ Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft 704 Coefficient Storage: _____

Coefficient Perm: 6400 gpd/ft²; Spec cap: 16 gpm/ft; Number of geologic cards: _____



Well No. _____

7

WL 54 GL 6/68
WL = 55.48 GL meas 12-17-69 WTE
WL 54 GL 7/28/70