

FORM 9-1642 (1-68)

RECORDED

Well No. 66

WELL SCHEDULE

Elog #23

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION
Well 23A

MASTER CARD

Record by WTR Source of data Obs driller Date 5/71 Mar

State 28 County TISHOMINGO 71

Latitude: 34⁴²32^N Longitude: 08⁸¹73⁰ Sequential number: 19

Lat-long accuracy: 2 4 10 9 Sec 30 SE NE NW NW

Local well number: 6006333004510E Other number: B & M

Local use: 023 Owner or name: USCE 23A

Owner or name: USCE No 23A Address: Nashville (UE124B)

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

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, water: (S) (T) (U) (V) (W) (X) (Y) (Z)

Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other U

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

DATA AVAILABLE: Well data 1 Field aquifer char. M

Hyd. lab. data: 73

Qual. water data: type: 74

Freq. sampling: 75 yes 76 no 77 period: 78

Aperture cards: 79 yes 80

Log data: Elog 18' - 200' and 10-163 D.E

WELL-DESCRIPTION CARD 8" Connison core hole to 202

SAME AS ON MASTER CARD Depth well: 202 ft 202 Meas. rept DI 3

Depth cased: 199 ft Casing type: PVC Diam. 3/4 in 1

Finish: porous, gravel w. concrete, (perf.), (screen), (H) (Q) (P) (S) (T) (W) (X) (Z) 5

Method: (A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) 11

Date Drilled: 9.7.1 Pump intake setting: 30 ft 30

Driller: U.S. CORPS NASHVILLE

Lift (type): (A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) N Deep 40 Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind, H.P. 41 Trans. or meter no. 42

Descrip. MP top of 3" collar OK (11/89) above 41 ft below LSD, Alt. MP 43

Alt. LSD: 569.27 569 Accuracy: 47 0

Water Level 5505 ft above MP; 55 ft below LSD Accuracy: 48 A

Date meas: 3/72 372 Yield: 49 Method determined 50

Drawdown: 51 Pumping method 52 hrs 53

QUALITY OF WATER DATA: Iron 54 Chlor 55 Hard. 56

Sp. Conduct 57 58 59 60 61 62 63 64 65 66 67 68 69 70

Taste, color, etc. 71 72 73 74 75 76 77 78 79 80

HYDROGEOLOGIC CARD

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

1 20 21

D Drainage Basin: 13B Subbasin: _____ 22 23 24

(D) (C) (E) (F) (H) (K) (L)
 Topo of depression, stream channel, dunes, flat, hilltop, sink, swamp,
 well site: (O) (P) (S) (T) (U) (V)
 offshore, pediment, hillside, terrace, undulating, valley flat 27 3

MAJOR AQUIFER: _____ system _____ series K3 aquifer, formation, group GΦ 28 29 30 31

Lithology: _____ Origin: 2 Aquifer Thickness: _____ ft 32 33

3 Length of well open to: _____ ft 3 Depth to top of: _____ ft 9.9 34 35 36 37 38 39 40 41 42

MINOR AQUIFER: _____ system _____ series _____ aquifer, formation, group _____ 43 44 45 46 47

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft 48 49 50

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

Intervals Screened: 199-202

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

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

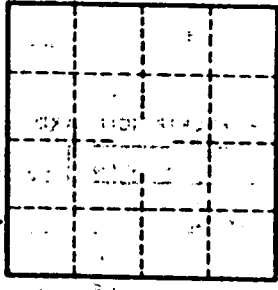
Surficial material: _____ Infiltration characteristics: _____ 70 71 72

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

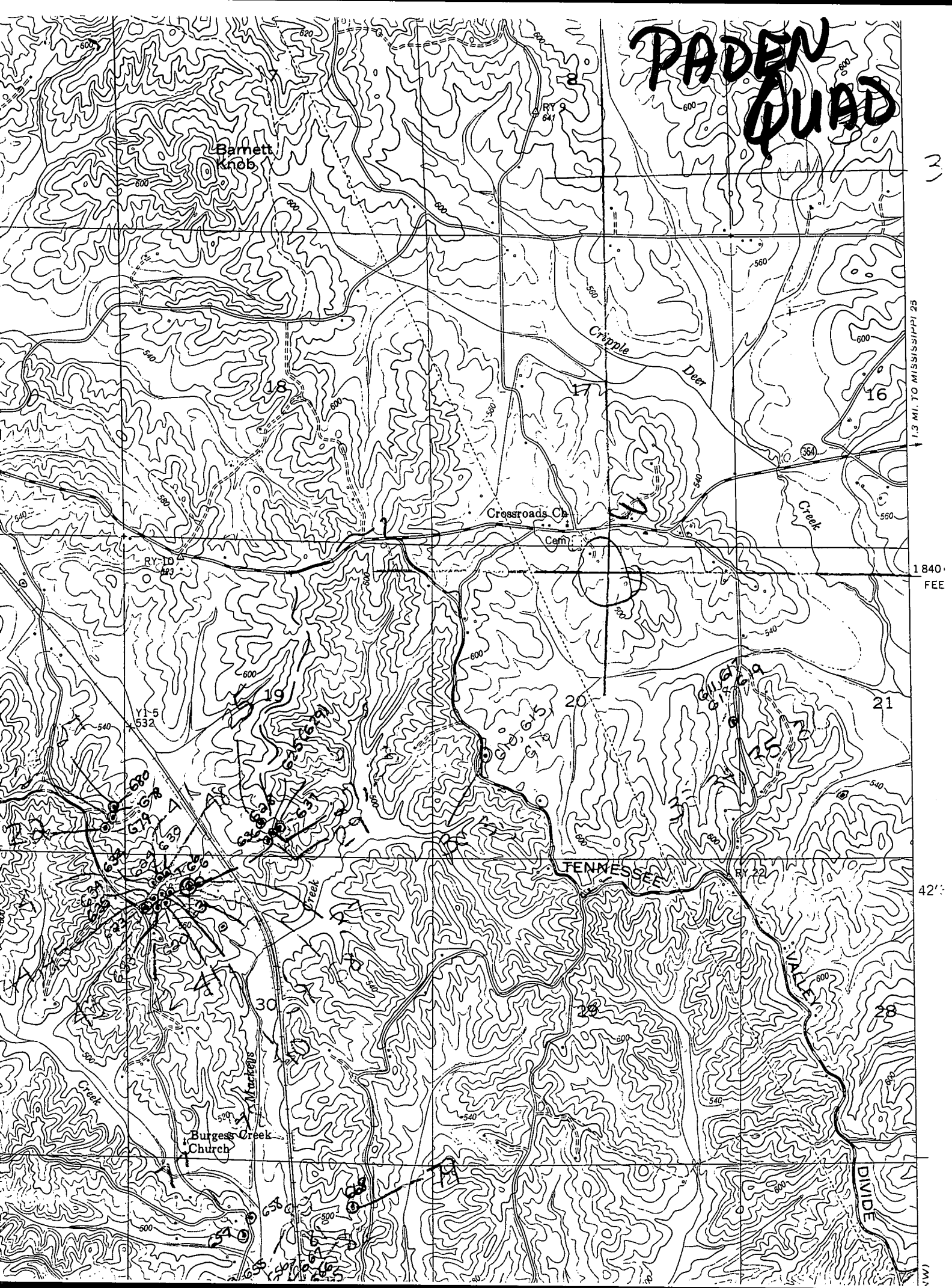
Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____ 78 79

See sketch on G7

Well was backfilled with about 10' of coarse sand on Friday, but on Monday a weight would go to 202 - evidently water was flowing up through hole. (195' to top of clay) clay balls were added, and rest of hole backfilled with sand.



PADEN QUAD



13

1.3 MI. TO MISSISSIPPI 25

1840' FEE

42'

14