

FORM 9-1642  
(1-68)

Well No. L21

WELL SCHEDULE  
GEOLOGICAL SURVEY

E log # 39  
WATER RESOURCES DIVISION

FEB 23 1974

PUNCH

U. S. DEPT. OF THE INTERIOR

JAN 11 1974 MASTER CARD

Record by WTO Source of data Obs driller Date 12-14-72 Map GLENS QUAD

State MISS County (or town) ALCORN

Latitude: 34° 46' 59" N Longitude: 088° 23' 43" W Sequential number: 1

Local well number: L021AB3103S09E Other number: T.H. #3

Local use: 064039 Owner or name: ALCORN WA

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec. U

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

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

Hyd. lab. data:

Qual. water data: type: S80W 12/72

Freq. sampling:  Pumpage inventory:  period:

Aperture cards:

Log data: E-log # 10' - 522'

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 460 Meas. rept accuracy 3

Depth cased (first perf.): 430 Casing type: 4 Diam. in 4

Finish: porous gravel w. gravel w. horiz. open perf., screen, sd. pt., shored, open hole, other S

Method: (A) air bored, cable, dug, hyd jetted, air reverse trenching, driven, drive wash, other H

Date Drilled: 12-14-72 Pump intake setting: 97.2

Driller: SINGER LAYNE address MEMPHIS, TENN.

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

Power (type): diesel, eluc, gas, gasoline, hand, gas, wind; H.P. T Trans. or meter no. 40

Descrip. MP OK (10/89) ft above below LSD, Alt. MP 3

Alt. LSD: 648 Accuracy: topo

Water Level: 242 Accuracy: 52

Date meas: 273 Yield: 4.5 Method determined 60

Drawdown: 64 Accuracy: 65 hrs 68

QUALITY OF WATER DATA: Iron ppm 68 Chloride ppm 70 Hard. ppm 72

Sp. Conduct 71 Temp. °F 74 Date sampled 76

Taste, color, etc. pH=6.3 (lab) Fe=6.0

Latitude-longitude

N  
S

HYDROGEOLOGIC CARD

8701 8 833  
PUNCH

SAME AS ON MASTER CARD

Physiographic Province:

03

Section:

D

Drainage Basin:

18R

Subbasin:

26

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

MAJOR AQUIFER:

system

series

K3

aquifer, formation, group

G0

Lithology:

Origin:

2

Aquifer Thickness:

45 ft

Length of well open to: 45 ft

ft

30

Depth to top of:

425 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:

Depth to consolidated rock:

ft

Source of data:

Depth to basement:

ft

Source of data:

Surficial material:

Infiltration characteristics:

Coefficient Trans:

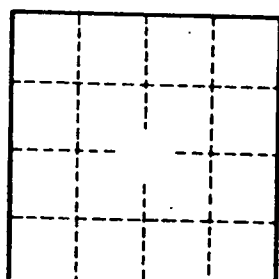
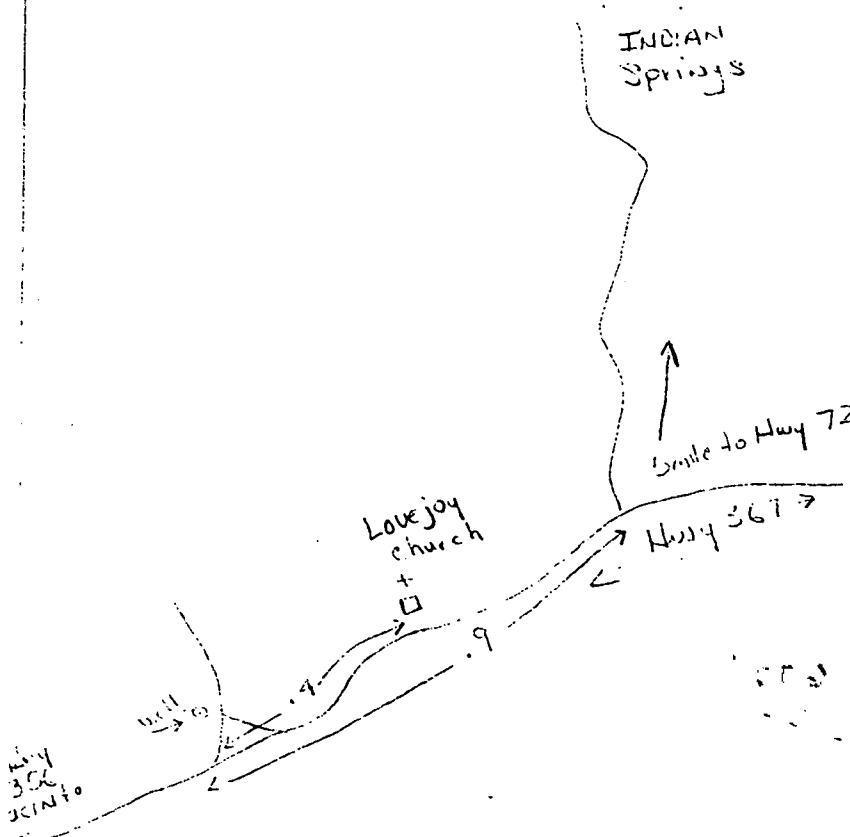
spd/ft

Coefficient Storage:

Coefficient Perm:

gpd/ft<sup>2</sup>; Spec cap:

gpm/ft; Number of geologic cards:



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