

Completed
11/29/72
JAC

JAC MAY 17 1972
ID = 324701088391901

Below 275

J 75 PUNCHED

FORM 9-1642 (1-68) Well No. Elg #32
U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

MASTER CARD
Record by LEW Source of data Bowc Date 5-14-72 Map Kossuth S
State MS County Alcorn (or town) 02

JAN 4 1973

JAN 2 1974

JAN 11 1974

Water Level
11/30/82
237.1

1987

WL = 250

Latitude: 34° 47' 01" N Longitude: 08° 83' 91" W
Lat-long accuracy: 2 sec
Local well number: J1075BA3403S06E Other well number: Well #1
Local use: 021032 Owner or name: PRENTISS ALCORN

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist
Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P-S, Rec, Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other
Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed

DATA AVAILABLE: Well data Freq. W/L meas.: Field aquifer char.
Hyd. lab. data:
Qual. water data: type: 12/73
Freq. sampling: Pumpage inventory: Aperture cards: Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 546 ft Meas. rept. 3
Depth cased (first perf.): 476 ft Casing type: 10x6 in; Diam. 10 in
Finish: porous gravel w. concrete, (perf.), (screen), gallery, end, horz. open hole, other
Method Drilled: air bored, cable, dug, hyd jetted, rot, air reverse percussion, rotary, trenching, driven, drive wash, other
Date Drilled: 12/72 Pump intake setting: 972 ft
Driller: Howard M. Hill
Lift (type): T Deep Shallow
Power (type): 50 Trans. or meter no. 50

Descrip. MP air vent at 3' above 598' (10/89) above ft below LSD, Alt. MP
Alt. LSD: 595 Accuracy: 3
Water Level: 226 ft above MP; Ft below LSD Accuracy: A
Date meas: 773 Yield: 267 gpm Method determined 61
Drawdown: 773 ft Accuracy: 63 Pumping period 66 hrs
QUALITY OF WATER DATA: Iron 290 ppm Sulfate 2 ppm Chloride 180 ppm Hard. 72 ppm
Sp. Conduct 290 K x 10⁶ Temp. 18 °F Date sampled D73
Taste, color, etc. DL-7.3

10/19/78
WL = 234.50

02 in G.W.

Well No.

UNCHED

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province:

03 Section: 20 21

D Drainage Basin:

EVER A AAL

167 Subbasin: 23 25

26

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

MAJOR AQUIFER:

system

series

K3 28 29

aquifer, formation, group

C5 30 31

Lithology:

S 32 33

Origin:

6 34

Aquifer Thickness:

110 broken ft

Length of well open to:

35 37

ft

70 38 40

Depth to top of:

ft

440 41 43

MINOR AQUIFER:

system

series

44 45

aquifer, formation, group

46 47

Lithology:

48 49

Origin:

50

Aquifer Thickness:

ft

Length of well open to:

51 53

ft

54 55

Depth to top of:

ft

57 59

Intervals Screened:

476-546(?) Permit

Depth to consolidated rock:

ft

60 63

Source of data:

64

Depth to basement:

ft

65 68

Source of data:

69

Surficial material:

70 71

Infiltration characteristics:

72

Coefficient Trans:

gpd/ft

73 75

Coefficient Storage:

76 78

Coefficient Perm:

gpd/ft²

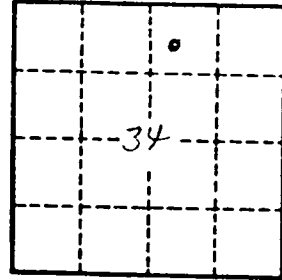
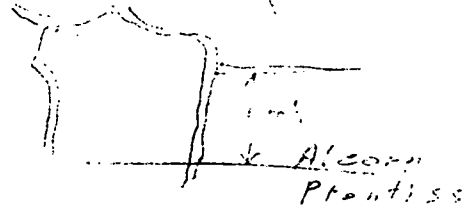
Spec cap:

gpm/ft

Number of geologic cards:

79

DOM Esthank - Engineer



Well No.

driller rpts 3gpm/ft
WL = 229.40 from MP
7-12-93

