

WELL SCHEDULE

Log #10

PUNCHED

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

154-B 0155-A

MASTER CARD

Record by PEG (Res) Source of data dir-obs Date 9-23-58 Map _____

State 28 County (or town) Arkadelphia Sequential number: 53

Latitude: 33^{deg} 26^{min} 53^{sec} N Longitude: 088^{degrees} 44^{min} 51^{sec} W

Lat-long accuracy: 3⁷⁰ T 18⁷⁵ S, R 150⁸⁰ W, Sec S, SW⁸⁵, SW⁹⁰, SE⁹⁵

Local well number: 4002BA0518N15E Other number: _____

Local use: 106 Owner or name: _____

Owner or name: C. H. LINDEN Address: Starkville

Ownership: County, Fed Gov't, City, Corp or Co, (P) Private, State Agency, Water Dist _____

Use of water: (H) Air cond, Bottling, Comm, Dewater, Power, Fire, (H) Irr, Mad, Ind, P S, Rec, _____

Use of well: (W) Stock, Instat, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other _____

Use of well: (W) 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: _____

Freq. sampling: _____ Pumpage inventory: _____

Temperature cards: _____

Log data: _____

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 720 Meas. accuracy _____

Depth cased: 24 ft Casing type: _____; Diam. in _____

Finish: porous concrete, gravel w. concrete, (perf.), gravel w. screen, (screen), horiz. gallery, open end, (X) shored, other _____

Method Drilled: (H) air bored, cable, dug, hyd, jetted, air percussion, rotary, reverse trenching, driven, drive wash, other _____

Date Drilled: Sept 9 58 Pump intake setting: _____ ft

Driller: Echols name _____ address _____

Lift (type): (R) air, bucket, cent, jet, multiple, multiple, none, piston, (R) submerg, turb, other _____

Power (type): (5) diesel, (5) elec, gas, gasoline, hand, gas, wind; H.P. _____

Descrip. MP _____ ft above _____ ft below LSD, Alt. MP _____

Alt. LSD: _____ Accuracy: _____

Water Level _____ ft above _____ ft below MP; Ft below LSD _____ Accuracy: _____

Date meas: _____ Yield: _____ gpm _____ Method determined _____

Drawdown: _____ ft _____ Accuracy: _____ Pumping period _____ hrs _____

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

Well No. _____

0270153

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: _____

03

Section: _____

D

Drainage Basin: _____

Subbasin: _____

Subbasin: _____

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

MAJOR

AQUIFER: _____

system

series

K3

aquifer, formation, group

E2

Lithology: _____

V.S

Origin: _____

6

Aquifer Thickness: _____

ft

Length of well open to: _____ ft

ft

Depth to top of: _____ ft

ft

MINOR

AQUIFER: _____

system

series

Origin: _____

aquifer, formation, group

Lithology: _____

Origin: _____

Origin: _____

Origin: _____

Aquifer Thickness: _____

ft

Length of well open to: _____ ft

ft

Depth to top of: _____ ft

ft

Intervals Screened: _____

Depth to consolidated rock: _____ ft

ft

Source of data: _____

64

Depth to basement: _____ ft

ft

Source of data: _____

69

Surficial material: _____

Infiltration characteristics: _____

ft

72

Coefficient Trans: _____ gpd/ft

gpd/ft

Coefficient Storage: _____

ft

76

Coefficient Perm: _____ gpd/ft²; Spec cap: _____

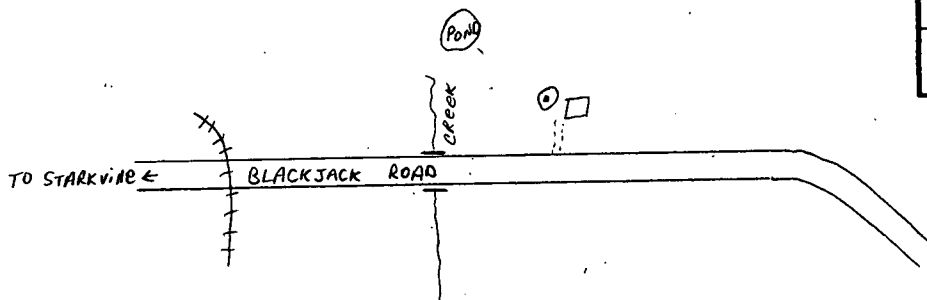
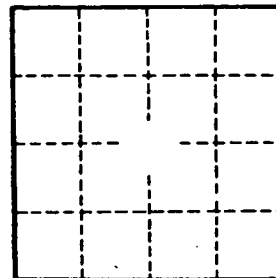
gpm/ft; Number of geologic cards: _____

ft

79

MAP ON ORIGINAL

N ↑



Well No. _____

H2