

WELL SCHEDULE
GEOLOGICAL SURVEY

U. S. DEPT. OF THE INTERIOR

E log #46 **PUNCHED**

WATER RESOURCES DIVISION

NOV 18 1972

MASTER CARD

Record by JVB Source of data Driller & Observer Date 6/7/72 Map Kirkville

State 28 County (or town) 29

Latitude: 34²22³39⁴N⁵ Longitude: 088¹²24¹³10¹⁴ Sequential number: 1¹⁹

Lat-long accuracy: 20²⁰ T 8²¹ S 8²² E 8²³ W, Sec 24²⁴ NW NW²⁵; NE²⁶; NE²⁷

Local well number: D024AA2408502E Other number: B & M

Local use: 046 Owner or name: USCE

Owner or name: USCE NO 162A Address: _____

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Irr, (M) Med, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Inst't, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other _____ U

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed _____ O

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

Hyd. lab. data: _____

Qual. water data; type: _____

Freq. sampling: _____ Pumpage inventory: yes, no, period: _____

Aperture cards: _____ yes _____

Log data: E log 46 DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: _____ ft 144 Meas. 1/4 in 3

Depth cased; (first perf.) _____ ft 20 Casing type: _____; Diam. _____ in 2

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, (P) perfr., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other _____ P

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot, (J) jetted, (P) air percussion, (R) reverse, (T) trenching, (V) driven, (W) drive wash, (Z) other _____ H

Date Drilled: 6/7/72 972 Pump intake setting: _____ ft _____

Driller: USCE

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other _____ S Deep _____ Shallow _____

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

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

Alt. LSD: _____ Accuracy: _____ 3

Water Level 13.57 ft above _____ MP; _____ ft below LSD 13 Accuracy: _____ A

Date meas: _____ 072 Yield: _____ gpm 7 Method determined _____

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

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

Sp. Conduct _____ K x 10⁶ _____ Temp. _____ °F _____ Date sampled _____

Taste, color, etc. _____

Well No.

Well No. D2-4 (62A)

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

HYDROGEOLOGIC CARD

PHYSIOGRAPHIC MASTER CARD

Physiographic Province: _____ Section: D-3

Drainage Basin: D 13B Subbasin: _____

Topo of well site: (D) (C) (E) (F) (H) (K) (L) _____
 (G) (P) (S) (T) (U) (V) _____
 offshore, pediment, hillside, terrace, undulating, valley flat _____ H

MAJOR AQUIFER: _____ system _____ series K-3 _____ aquifer, formation, group G-φ

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

Length of well open to: _____ ft 78 _____ Depth to top of: _____ ft 116

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: _____

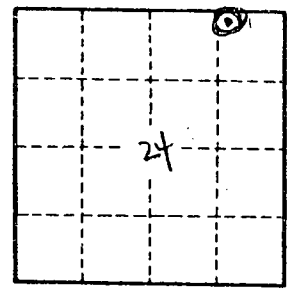
Depth to consolidated rock: _____ ft _____ Source of data: _____

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

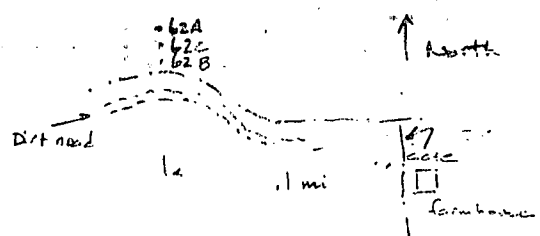
Surficial material: _____ Infiltration characteristics: _____

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

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



Driller's log
 Hole 62
 0-10 clay, red
 10-29 clay, sandy, gray
 29-30 Rock
 30-70 Blue clay
 70-80 clay, gray
 50-120 clay & gravel
 120-130 sand
 130-140 sand & gravel
 140 hard layer - 20 minutes
 140-170 gravel / little clay
 170-190 gravel
 190-220 Red clay & gravel



Well No. _____

D2-4