

PUNCHED

Well No. H114

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by JCM Source of data BOWC Date 7-72 Map _____

State 28 County Alcorn (or town) 07

Latitude: 34° 52' 50" N Longitude: 088° 29' 00" W Sequential number: 1

Lat-long accuracy: 5 T 20 S R 8 W, Sec 29, T. _____, R. _____, S. _____, W. _____

Local well number: H114 2902508E Other number: _____ B & H

Local use: 118 Owner or name: JOHN S.M.T.H. Address: Covinth

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

Use of: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, water: _____

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

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

Hyd. lab data:

Qual. water data; type: _____

Freq. sampling: Pumpage inventory: no period: _____

Aperture cards: yes

Log data:

WELL-DESCRIPTION CARD

SAME-AS-ON MASTER CARD Depth well: 9.3 ft Meas. 3

Depth cased (first perf.): 8.8 ft Casing type: PVC; Diam. 4 in

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, other 5

Method Drilled: air bored, cable, dug, hyd jetted, air reverse, percussion, rotary, driven, wash, other H

Date Drilled: 972 Pump intake setting: _____ ft

Driller: Faires name address

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

Power (type): diesel, gas, gasoline, hand, gas, wind; H.P. 3/4 5 Trans. or meter no. _____

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

Alt. LSD: _____ Accuracy: (source) _____

Water Level: _____ ft above below MP; Ft below LSD 60 Accuracy: _____

Date mess: 472 Yield: _____ gpm 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. H114

Latitude-longitude N
S

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Province: 03 Section: 164

Drainage Basin: D Subbasin: 164

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

MAJOR AQUIFER: system K3 series CS aquifer, formation, group

Lithology: S Origin: G Thickness: 23 ft
Length of well open to: 5 ft Depth to top of: 72 ft

MINOR AQUIFER: system series aquifer, formation, group

Lithology: Origin: Thickness: ft
Length of well open to: ft Depth to top of: ft

Intervals Screened: 4" PVC

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:

Red clay & sand 0-70
Fine gray sand 70-93

Geologic column diagram with handwritten '29' and 'CS' labels. The diagram shows alternating layers of sand and clay, with the upper 70 feet labeled as 'Red clay & sand' and the lower 23 feet as 'Fine gray sand'.