

WELL SCHEDULE E109#164

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

MASTER CARD

Well #1 (middle well)

Record by CJ Source of data MSGs Log Date 3-13-70 Map _____

State 218 County (or town) Smith 6.5

Latitude: 32° 07' 36" N Longitude: 089° 23' 59" W Sequential number: 1

Lat-long accuracy: 2' T. 30 S. R. 90 W. Sec. 5 SW 1/4, NE 1/4, SW 1/4

Local well number: H011AC0503N09E Other number: _____ B & H

Local use: 197164 Owner or name: Pineville Wtr. Co. Address: Test Hole #1

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

Use of water: (S) (T) (U) (V) (W) (X) (Y) (Z) test P

Use of well: (A) (D) (C) (H) (O) (P) (R) (T) (U) (W) (X) (Z) W

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

Hyd. lab. data: _____

Qual. water data; type: USGS 6172

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

Aperture cards: _____ yes no

Log data: E109 15-1136 DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1136' ft Meas. rept accuracy 3

Depth cased; (first perf.) ft 886 Casing type: STEEL; Diam. 8x6 in

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, perf., screen, sd. pt., shored, open hole, other S

Method Drilled: (A) air rot, (B) bored, cable, dug, rot., (C) cable, dug, rot., (D) air percussion, (E) air reverse, (F) air reverse, (G) air reverse, (H) air reverse, (I) air reverse, (J) air reverse, (K) air reverse, (L) air reverse, (M) air reverse, (N) air reverse, (O) air reverse, (P) air reverse, (Q) air reverse, (R) air reverse, (S) air reverse, (T) air reverse, (U) air reverse, (V) air reverse, (W) air reverse, (X) air reverse, (Y) air reverse, (Z) air reverse H

Date Drilled: 2-18-70 970 Pump intake setting: _____ ft

Driller: Barnes Dry. Corp.

Lift (type): (A) air, (B) bucket, (C) cent. jet, (D) multiple, (E) multiple, (F) multiple, (G) multiple, (H) multiple, (I) multiple, (J) multiple, (K) multiple, (L) multiple, (M) multiple, (N) none, (O) piston, (P) rot, (Q) submerg, (R) turb, (S) other S Deep Shallow

Pcwer (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 25 Trans. or meter no.

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

Alt. LSD: 410' Accuracy: (source) Topo. 5

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

Date _____ Yield: _____ gpm _____ Method determined _____

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

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

Sp. Conduct 345 K x 10⁶ 3 Temp. °F 25.5 Date sampled 672

Taste, color, etc. pH=7.2

Water level
 Jan T.
 11/14/80
 150
 11.35
 169.65
 MP 2.6
 166.05
 410
 164
 244

PUNCHED and VERIFIED
 RAILROAD COMPUTATION DIVISION

Well No.

H11

Well No. H-11

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

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: _____

Drainage Basin: D Subbasin: 130

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

MAJOR AQUIFER: system _____ series TE aquifer, formation, group SS

Lithology: US Origin: Z Aquifer Thickness: 140 ft

Length of well open to: 170 ft Depth to top of: 810 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: 4' S.S. 60' of 4" screen

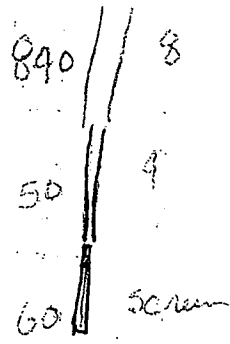
Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

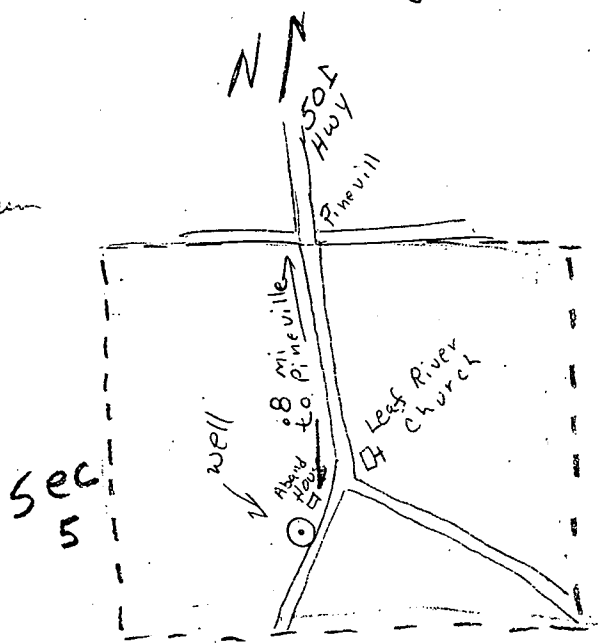
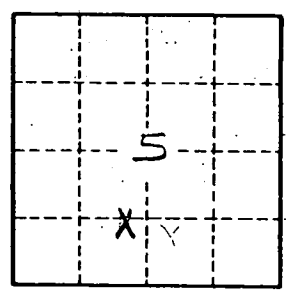
Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

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



Color - none
Fe = .26
Mg = .004



Well No.

H-11