

DOH # 800002-01
GW-2037
ID = 330350089083601

E Log # 17
J7
JUN 28 1966

WRD Exp. (GW)
April 1966

Well No. J7

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

J7

MASTER CARD

Record by PE. Grantham Source of data Drl. E log Date 8-16-66 Map Louisville SW Quad

State Miss County (or town) Winston 28 8:0

Latitude: 33 03 50 N Longitude: 08 90 83 6 Sequential number: 1

Lac-long accuracy: 20 T. 14 S. R. 11 W. Sec 14 SE SW NE

Local well number: J007AA2214N1E Other number: B & H

Local use: 002017 Owner or name: Calvary Water Assoc.

Owner or name: CALVARY WA Address: Louisville

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (B) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other P

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

DATA AVAILABLE: Well data 70 Freq. W/L meas.: 71 Field aquifer char. 72

Hyd. lab. data: 73

Qual. water data; type: USGS 5/70 74 C

Freq. sampling: 75 Pumpage inventory: yes 76 no, period: 77

Aperture cards: 78 yes 79

Log data: E Log 64-473 DE

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 467 ft Meas. 24 3

Depth-cased; (first perf.) 433 ft Casing type: 20 23 accuracy 29 30 Diam. 10x6 in

Finish: porous concrete, gravel w. (perf.), (screen), gravel w. (screen), gallery, horiz. open end, other 31 S

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) jetted, (J) air rot., (P) reverse percuss., (R) rotary, (T) trenching, (V) driven, (W) drive wash, other 37 H

Date Drilled: 8-16-66 Pump intake setting: 33 35 ft 36 38

Driller: J.L. Hare name address Noxapater

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (M) multiple, (N) none, (P) piston, (R) submerg, (S) turb, other 39 Deep 40 D Shallow 40

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 41 V Trans. or meter no. 41

Descrip. MP 42 ft above below LSD, Alt. MP 43

Alt. LSD: 530 Accuracy: (source) 47 9

Water Level: 755 ft above below MP, LSD 48 51 Accuracy: @ 17# 52 7

Date meas: 367 Yield: 489 gpm Method determined 61

Drawdown: 172 ft Accuracy: 62 64 Pumping period 172 hrs 65 68

QUALITY OF WATER DATA: Iron .17 ppm Sulfate .0 ppm Chloride 4.3 ppm Hard. 144 ppm 69 70 71 72

Sp. Conduct 347 K x 10⁶ 3 Temp. 215 °F Date sampled 570 73 74 75 76 77 79

Taste, color, etc. 78

59189
WL = 187.4

DS = 212

Well No.

J7

Well No. J7

Latitude-longitude d m s N S

HYDROGEOLOGIC CARD

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

D Drainage Basin: 137 Subbasin: _____

Topo of well site: (D) (C) (E) (F) (H) (K) (L) _____
 (O) (P) (S) (T) (U) (V) _____

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

Lithology: _____ Origin: 3 Aquifer Thickness: _____ ft

36 Length of well open to: _____ ft 34 Depth to top of: _____ ft 431

MINOR AQUIFER: _____ system _____ series _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

31 Length of well open to: _____ ft _____ Depth to top of: _____ ft _____

Intervals Screened: 433-467 x 6" SS

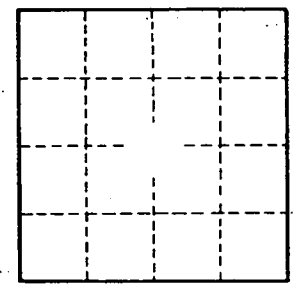
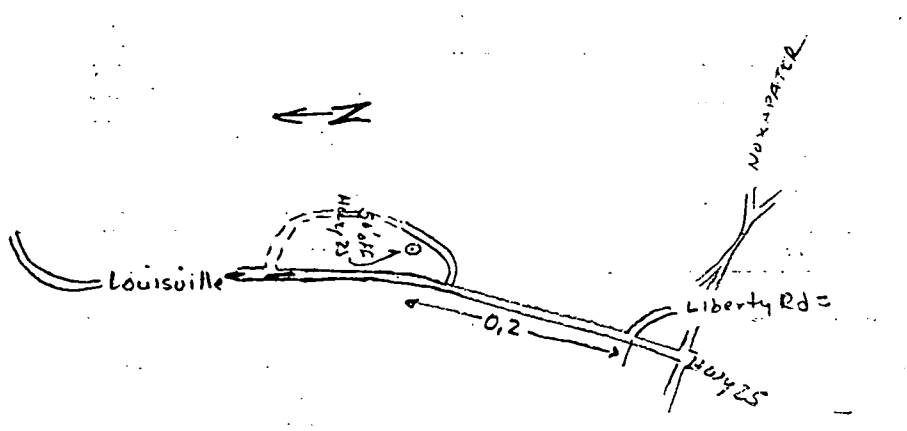
Depth to consolidated rock: _____ ft _____ Source of data: _____

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: _____



Well No. J7

Well made by Ratliff 3/67

5/9/88
Tested
172 gpm (w/ 26' dd @ 2 hrs)

3 13T
CODED

Winston
J7
3-67
Elec Log

MISSISSIPPI
BOARD OF WATER COMMISSIONERS
416 North State Street
Jackson, Mississippi 39201

WATER WELL DRILLERS LOG

March 1967 19 date well completed
Robert E. Raloff, Winston firm name
Winston county well located

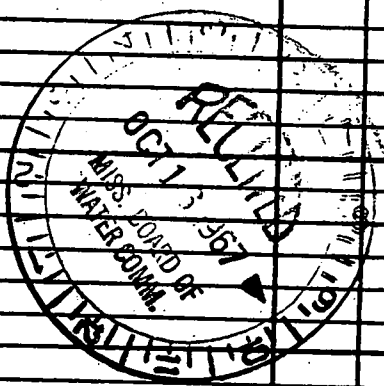
LANDOWNER: Calvary
Water Assn. Inc.
Louisville, Miss.
(mailing address)

WELL LOCATION:
sec 22 T. 14 N R. 11 E
Eight miles South of Louisville
(distance) (direction) (nearest town)

WELL PURPOSE: Municipal
(home, irrigation, municipal, industrial)

WELL COMPLETION DATA:
(1) diameter (inches) 10 x 6
(2) total depth (feet) 467
(3) static water level (feet) 155 below top of ground.
(4) casing 2" Black 433' (material) (depth)
10" (size) If telescope see back.
(5) screen 34' 433' (length) (depth to top)
6" (size) S.S. (material)
(6) pump 30 189 O.D. (HP) (yield gpm)
Electric meter (type power)
(7) electric log Yes - on test well (yes or no)
U. S. G. S. (organization running log)
(8) how well bottom plugged B.P.V.

description of formations encountered	from	to
Red Clay + sand	0	24
sand, clay streaks	24	46
sand + rocks	46	56
shale	56	69
sandy shale	69	160
shale	160	227
shale + sand	227	249
sandy shale	249	315
sandy shale + rock	315	340
sandy shale	340	386
Rock	386	387 1/2
shale	387 1/2	431
sand + shale streaks	431	446
sand	446	467
shale	467	469



DRILLERS REMARKS:

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Horvath DATE: 11/6/96

UNIT DEQ #: 82859 FILE #: B110618A

HEALTH DEPT. #: 80002-01 ELEV. _____

USGS #: _____ OLWR #: _____

OWNER: Calvary Water Assoc. QUAD: Louisville SW

LOCATION: NW-NW S 23 T 14 N R 11 E COUNTY: WINSTON

LOCATION DESCRIPTION: AT Plant + tanks on East side of old Robinson Rd.

.20 mi. North of Intersection with Hwy 25. (SW of Louisville)

CASING DIA: 8"-10" PUMP TYPE & SIZE: 10 HP Elec.

GPS FIELD LOCATION: LAT. 33° 03' 53.1" LONG. 89° 08' 37.5"

GPS CORRECTED LOCATION: LAT. 33.06414375 LONG. 89.14341322

REMARKS: GPS at well,

