

WRD Exp. (GW) GPSd 9/25/96 Hornbeak Well No. M3
April 1966

WELL SCHEDULE

E Log # 34

PUNCHED

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by C. Jessup Source of data MSES Date 2-19-68 Map Black Hawk
 State Miss. County (or town) Carroll 08
 Latitude: 33 19 43 N Longitude: 09 00 05 W Sequential number: 1
 Lat-long accuracy: 2 T. 17 S. R. 3 E. Sec. 20 NE SE, NW, NE/SE/NW/NW
 Local well number: M.0.0.3.D.A.2.0.1.7.N.0.3.E Other number: _____
 Local use: 0.0.2.0.3.4. Owner or name: Black Hawk W. Co.
 Owner or name: BLACK HAWK W. A. Address: _____

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, (S) 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 W

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

Hyd. lab. data: _____

Qual. water data; type: U.S.G.S. 3-17-71

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

Aperture cards: _____

Log data: E Log 610-1011 H. D (B&M) D E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 986 ft 986 Meas. rept accuracy 3

Depth cased: (first perf.) _____ ft 946 Casing type: Blk steel; Diam. 6.3 in 6

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other S

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

Date Drilled: 2-1-68 968 Pump intake setting: _____ ft _____

Driller: Robert E. Rutledge Co.

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

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 10 U Trans. or meter no. _____

Descrip. MP 318 9-93 ft above below LSD. Alt. MP _____

Alt. LSD: 300 300 Accuracy: (source) 4

Water Level 90 ft above below MP; Ft below LSD 90 Accuracy: _____

Date meas: 268 Yield: 50 gpm 50 Method determined _____

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

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

Sp. Conduct 270 K x 10 2 Temp. °F 205 Date sampled 371

Taste, color, etc. _____

2, 3 miles from Black Hawk
X F10
Mys Mosley
Bob Beard

WL Data
1/16/79
WL = 99.6
11/30/88
WL = 160.30
18' 11" = 95
90 gpm @ 60'
63 1/2"
97
d1 112' 6" 112 hrs
188 gpm @ 40'

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

Well No. M3

MSDH = 080001-01
GW 02191

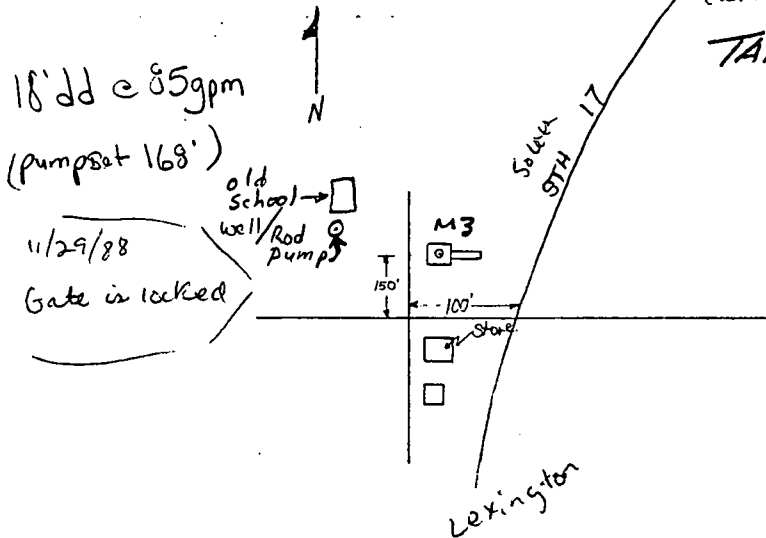
Well No. M3

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

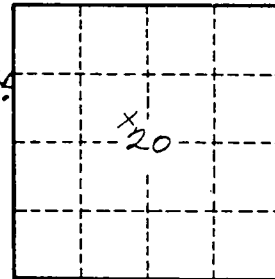
HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD 03 Section: _____
 Physiographic Province: _____
D Drainage Basin: 15J Subbasin: _____
 (D) (C) (E) (F) (H) (K) (L) Topo of depression, stream channel, dunes, flat, hilltop, sink, swamp, well site: (O) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat H
 MAJOR AQUIFER: _____ system _____ series TE aquifer, formation, group WLCXM MW
 Lithology: _____ Origin: 2 Aquifer Thickness: _____ ft
 Length of well open to: 75 ft Depth to top of: 40 ft 920 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: 946-986 3" SS
 Depth to consolidated rock: _____ ft Source of data: _____
 Depth to basement: _____ ft Source of data: _____
 Surficial material: _____ Infiltration characteristics: _____
 Coefficient Trans: _____ gpd/ft² Coefficient Storage: _____
 Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

Approx. 900' x 1150' E. of NW cor. of sec.



TANK = 2,000 GAL



Well No.

M3

WATER LEVEL

7-8-1976 @ 1715 GUD

105.00
 - 6.40

 98.60
 - 1.50

 97.10

9/8/93
 125.00
 8.51

 116.49
 - 1.5

 114.99

1-45 Clay
 45-90 sd + sp
 90-180 Clay
 18-230 -
 sd 92s 99s
 Shale 97s-1006
 NAP = edge of 1/4 elbow on base

PEG/JG
 120.00
 3.61

 116.39
 - 1.5

 114.89

CARROLL
 M3
 2-68
 MISS-Geo
 February 1968

GN 02191

E/09 #34

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

CODED

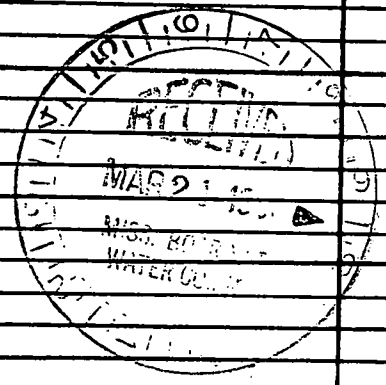
WATER WELL DRILLERS LOG

date well completed 1968 firm name Robert E. Rattig Co. county well located Carroll

LANDOWNER:	description of formations encountered	from	to
Black Hawk Water Co. Black Hawk, Miss (mailing address)			
WELL LOCATION: sec. 20 T. 17 N. R. 3 E. S W. 15 miles No. of Lexington (distance) (direction) (nearest town)	WELL PURPOSE: (home, irrigation, municipal, industrial)	WELL COMPLETION DATA:	
(1) diameter (inches) 6 x 3	(2) total depth (feet) 986	(3) static water level (feet) 90 below top of ground.	(4) casing Bl. Steel, 946 (material) (depth)
6 x 3 (size) If telescope see back.	(5) screen 40' 946 (length) (depth to top)	3" (size) Stainless Steel (material)	(6) pump 10 (HP) 50 (yield gpm)
(7) electric log Yes (yes/or no)	Miss Geo - (organization running log)	(8) how well bottom plugged Back Pressure Valve	
DRILLERS REMARKS:			

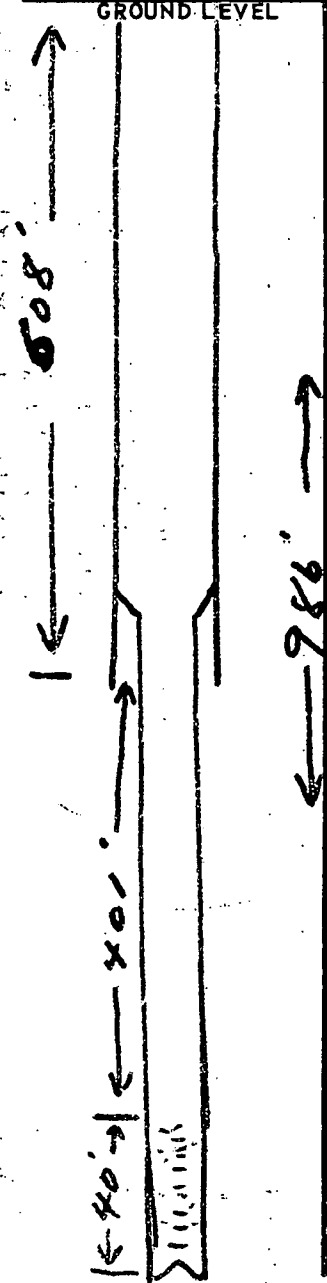
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CODED



If well telescopes please sketch and show depths.

Carnell



	X		

SECTION 20

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen, show locations of each on sketch.

WILCOX DATA SHEET-VERIFICATION CHECKLIST WLCRM

COUNTY Carroll

Black Hawk Quad
U.S.G.S. E-10g# 34

WELL OWNER Black Hawk Water Assoc CHECKED
 U.S.G.S. NO. M3 9/19/94
 B.O.H. NO 080001-01 9/19/94
 OLWR NO. 02191 9/19/94

LOCATION:

MAP NE, SE, NW, SW 320, T17N, R3E 9/19/94
 GPS _____ _____

ELEV. (MSL) 318 Chosen From 300 9/19/94
 W.L. (L.S.) (1) 121.00 - 4.60 = 116.40 - 1.50 = 114.90 9/19/94
 (2) 120.00 - 3.61 = 116.39 - 1.50 = 114.89 9/19/94

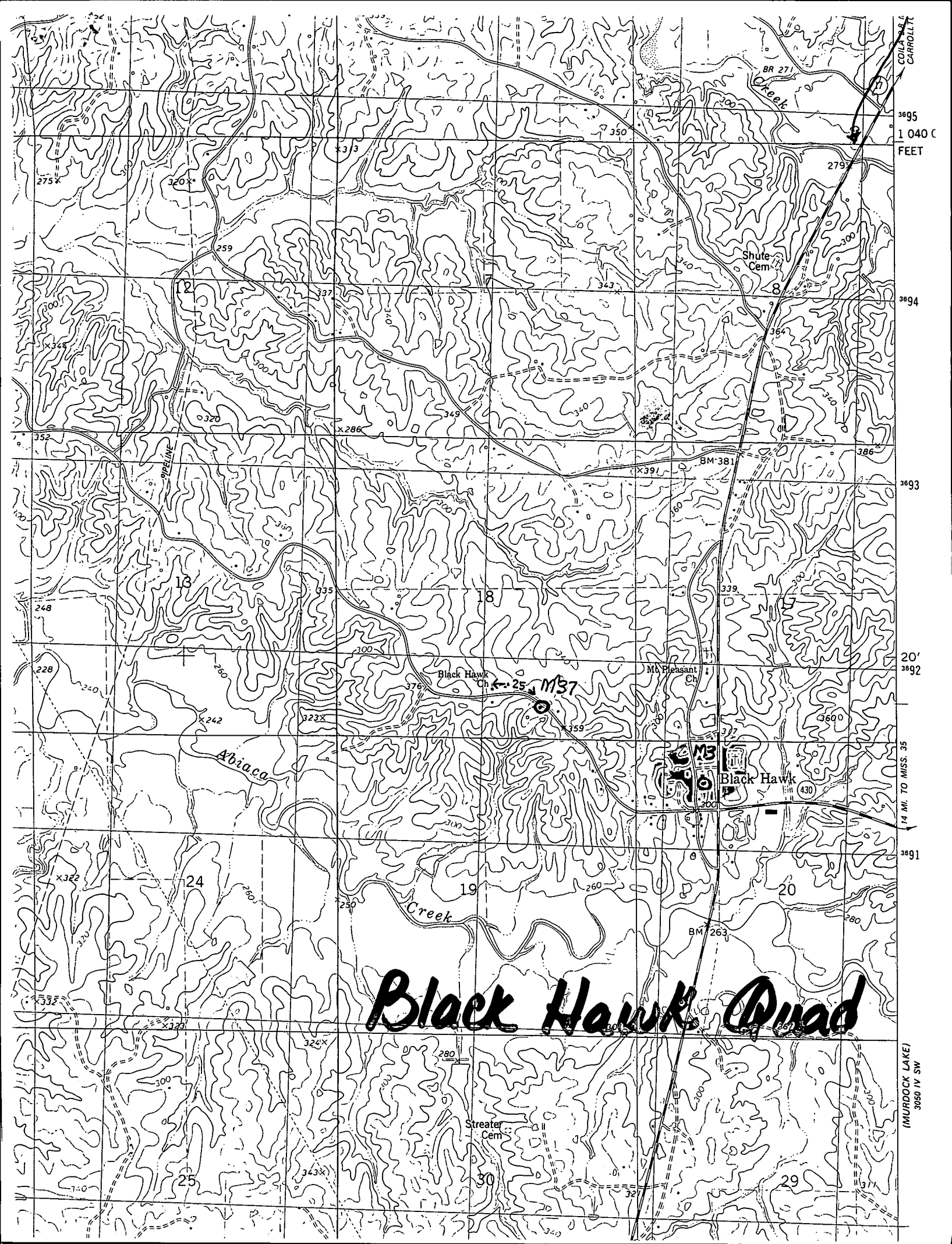
HEAD (MSL) 318 - 114.89 = +203.11' 9/19/94

SCREENED INTERVAL 946' - 986' (LS) / -628' - -668' (MSL) 9/19/94

AQUIFER VERIFIED Middle Wilcox 3/31/95

PREVIOUS W.L. -160.3' (1988) / -99.6' (1979) / -97.1' (1976) / -90' (1968) 9/19/94

DATA ENTERED _____ _____



COILA CARROLLT
3895
1 040 C
FEET
3894
3893
20'
3892
14 MI. TO MISS. 35
3891
(MURDOCK LAKE)
3050 IV SW

Black Hawk Quad

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hornbeak DATE: 9/25/96
UNIT DEQ #: 82859 FILE #: B092518B
HEALTH DEPT. #: 080001-01 ELEV. _____
USGS #: M3 OLWR #: GW02191
OWNER: Black Hawk Water Assoc. #1 QUAD: Black Hawk
LOCATION: NW-NW S 20 T 17 NR 3 E COUNTY: Cartoll
LOCATION DESCRIPTION: In Block Bldg at Ground Tank on East Side of
old Black Hawk Rd .10 mi North of Intersection with
Hwy. 430 W, .10 mi. west of Intersection with Hwy 17
CASING DIA: 6" PUMP TYPE & SIZE: Submersible (Black Hawk)
GPS FIELD LOCATION: LAT. 33° 19' 37.9" LONG. 90° 00' 41.7"
GPS CORRECTED LOCATION: LAT. 33.32732049 LONG. 90.01171673
REMARKS: GPS at well.

