

WELL SCHEDULE

E log # 178

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MSDCH
310020-01
310014-03
GW-1121

MASTER CARD

Record by Q Source of data Bowc Date 12/73 Map Bay Springs
 State MISS County SMITH (or town) 2:8 6:5
 Latitude: 31 54 46 N Longitude: 08 9 2 14 2 Sequential number: 1
 Lat-long accuracy: 2 10 9 22 NE NE/NW
 Local well number: 00192A2201N09E Other number: Well # 2
 Local use: 184178 Owner or name: TRI COUNTY WA
 Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist N
 Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, Stock, Instic, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other P
 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: period:
 Aperture cards: yes
 Log data: 10' - 1498' DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1377 ft Meas. 3
 Depth cased (first perf.): 1332 ft Casing type: 8x6 in accuracy 8
 Finish: porous concrete, gravel w. (perfor.), gravel w. (screen), horiz. gallery, open perf., screen, sd. pt., shored, open hole, other 5
 Method: air rot, bored, cable, dug, hyd rot., jetted, air percussion, rotary, reverse trenching, driven, drive wash, other H
 Date Drilled: 11-26-73 9:73 Pump intake setting: 321' ft 36 38
 Driller: Griner Drig. Serv. name address
 Lift (type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other T Deep Shallow
 Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 30 25 Trans. or meter no. 41
 Descrip. MP S15 ft above LSD, Alt. MP 47
 Alt. LSD: 495 Accuracy: Eng 1189 3
 Water Level: ft above below MP; 276 below LSD Accuracy: 192 62# D
 Date meas.: 274 Yield: 250 gpm Method determined 61
 Drawdown: ft Accuracy: 63 Pumping period: 66 hrs 68
 QUALITY OF WATER DATA: Iron ppm 69 Sulfate ppm 70 Chloride ppm 71 Hard. ppm 72
 Sp. Conduct K x 10⁵ 73 Temp. °F 74 76 Date sampled 77 79

Well No.

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: _____
D Drainage Basin: 130 Subbasin: _____

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

JOR UIFER: _____ system _____ series TE aquifer, formation, group SPRT SS

thology: _____ Origin: 2 Aquifer Thickness: 90 ft

Length of well open to: _____ ft 45 Depth to top of: 1340 ft

NOR UIFER: _____ system _____ series _____ aquifer, formation, group _____

thology: _____ 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: _____

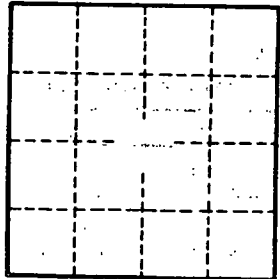
Depth to cement: _____ ft _____ Source of data: _____

Official serial: _____ Infiltration characteristics: _____

Efficient trans: _____ gpd/ft _____ Coefficient Storage: _____

Efficient trans: _____ gpd/ft _____ Spec cap: _____ gpm/ft; Number of geologic cards: _____

43' - 1389' Screen
 lap - 1303'



Well No.

SMITH
 φ 19
 Eng # 178
 2/74

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

CODED

WATER WELL DRILLERS LOG

1974 GRINER DRILLING SERVICE SMITH
 date well completed firm name county well located

LANDOWNER: TRICOUNTY
 WATER ASSN., well NO. 2
 Elser, Miss. Nov 26-73
 (mailing address)

WELL LOCATION: SW 1/4 NE 1/4
 sec. 22 T 1 N R 9 E
 (distance) miles (direction) of (nearest town)

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

WELL COMPLETION DATA:
 (1) diameter (inches) 8 5/8"
 (2) total depth (feet) 1389'
 (3) static water level (feet) 276' below top of ground.
 (4) casing B.I. 1382' (material) (depth) 8 5/8" (size) If telescope see back.
 (5) screen 45' 1382' (length) (depth to top) 6" 304 S.S. (010) (size) (material)
 (6) pump 25 (HP) 250 (yield gpm) Ekt. (type power)
 (7) electric log Yes (yes or no) MGS (organization running log)
 (8) how well bottom plugged BACK WASH VALVE

description of formations encountered	from to	
	feet	feet
Top Soil	0	2
Red Sandy Clay	2	10
Sand	10	22
Sand	22	140
Clay	140	208
Sand, coarse	208	310
Clay	310	382
Clay, Sand + Rock Strata	382	532
Clay (large)	532	808
Sand	808	828
Clay	828	852
Sand with Clay streaks	852	916
Clay	916	940
Sand with clay streaks	940	1022
Clay + limestone (hard)	1022	1220
Sand with Clay streaks	1220	1322
Clay	1322	1342
Sand	1342	1386
Clay	1386	1394
Sand with lignite	1394	1434
Clay + Rocks (HARD)	1434	1500

CODED

FEB 21 1974

DRILLERS REMARKS:

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hornbeak DATE: 8/1/96
UNIT DEQ #: 82859 FILE #: B080201B
HEALTH DEPT. #: 310020-01 14-03 ELEV. _____
USGS #: 019 OLWR #: GW-1121
OWNER: THI County w/A #2 Smith QUAD: Bay Springs
LOCATION: NW-SE S22 T1N R9E COUNTY: Smith
LOCATION DESCRIPTION: AT Elev. Tank at Intersection of Hwy 531
& Smith County Rd # 9A / 6.10 mi. NE of Hwy 28.
CASING DIA: 8" PUMP TYPE & SIZE: HP Elec.
GPS FIELD LOCATION: LAT. 31° 54' 33.2" LONG. 89° 21' 33.5"
GPS CORRECTED LOCATION: LAT. 31.90939202 LONG. 89.35935376
REMARKS: (Jaspert County well in Smith County.)
GPS at well

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Jeff Gregory DATE: 9/13/94
UNIT DEQ #: Sec. I FILE #: A091322C
HEALTH DEPT. #: 310020-01 ELEV. 515
USGS #: 0-9006 OLWR #: _____
OWNER: Jac County w/p No. 2 - Smith
LOCATION: _____ S 22 T 1N R 9E COUNTY: Smith
LOCATION DESCRIPTION: _____

CASING DIA: 8" PUMP TYPE & SIZE: Julian
GPS FIELD LOCATION: LAT. 31 54 33.2 LONG. 89 21 33.7
GPS CORRECTED LOCATION: LAT. 31.90939202 LONG. 89.35935376
REMARKS: Bay Springs Quad

Jasper Co well



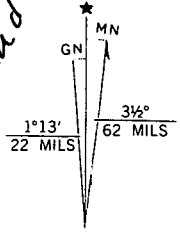
Published by the Geological Survey

NOAA
 Photographic methods from aerial
 Field checked 1974

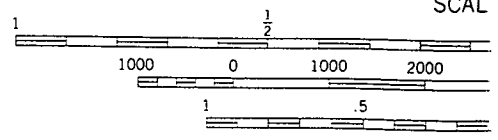
Grid ticks: Mississippi coordinate
 (Transverse Mercator)
 National Geodetic grid ticks,
 1927 North American datum

Note: Selected fence and field lines where
 visible on photographs. This information is unchecked

Bay Springs Quad



UTM GRID AND 1974 MAGNETIC NORTH
 DECLINATION AT CENTER OF SHEET



CONTOUR IN
 NATIONAL GEODETIC

THIS MAP COMPLIES WITH NA
 FOR SALE BY U. S. GEOLOGICAL SURVEY
 A FOLDER DESCRIBING TOPOGRAPHIC MAPS