

MSDOH-31006-01

OK

FORM 9-1642 (1-68)

EW-3194

Well No.

J33

APR 22 1975

WELL SCHEDULE

Elog # 153

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCE

PUNCHED MAR 18 1974

MASTER CARD

Record by WTR Source of data MSGs Date 5/72 Map Louin

State MISS County (or town) Jasper

Latitude: 32° 00' 45" N Longitude: 089° 17' 07" W Sequential number: 1

Lat-long accuracy: 20' T, 20' R, 10' S, 16' W Local well number: J033CB1602N10E Other number: B & H

Local use: 184153 Owner or name: BAY SPRINGS #1 Address: _____

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

Use of water: P

Use of well: W

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

Hyd. lab. data: _____

Qual. water data; type: _____

Freq. sampling: _____ Pumpage inventory: yes no

Aperture cards: _____ yes no

Log data: Elog 10' - 1114'

WELL-DESCRIPTION CARD

880

SAME AS ON MASTER CARD Depth well: 1034 ft Meas. 3

Depth cased: split screen ft 884 Casing type: _____; Diam. 16x8 in 16

Finish: 6

Method: H

Date Drilled: 4-7-72 972 Pump intake setting: _____ ft _____

Driller: GRINER DRUG SERV. Columbia Miss.

Lift (type): T Deep Shallow

Power (type): 100 V Trans. or meter no. _____

Descrip. MP 430 + 35 ft above LSD, Alt. MP _____

Alt. LSD: 420 Accuracy: topo

Water Level 165.80 ft above below MP; Ft. below LSD 166 Accuracy: _____

Date meas: 672 Yield: 740 gpm 750 Method determined 4

Drawdown: 80 ft Accuracy: _____ Pumping period: _____ hrs 3

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

Sp. Conduct 560 K x 10⁶ 5 Temp. 80 °F 270 Date sampled 672

Taste, color, etc. pH = 7.1

10/30/89
204.58

22=190
200
1232
187.18
MP 2.0
185.18
435
155
252

Well No.

HYDROGEOLOGIC CARD

WATER ON MASTER CARD Physiographic Province: 03 Section: SPRT 50

Drainage Basin: 130 Subbasin:

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) (F) (H) (K) (L) (M) (N) (O) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat 27

MAJOR AQUIFER: system series TE aquifer, formation, group SPRT Aquifer Thickness: SS ft

Lithology: 25 Origin: 2 Thickness: ft

Length of well open to: ft Depth to top of: 80 ft

MINOR AQUIFER: system series aquifer, formation, group Aquifer Thickness: ft

Lithology: Origin: Thickness: ft

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

Intervals Screened:

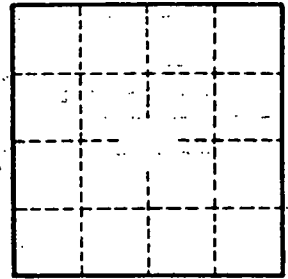
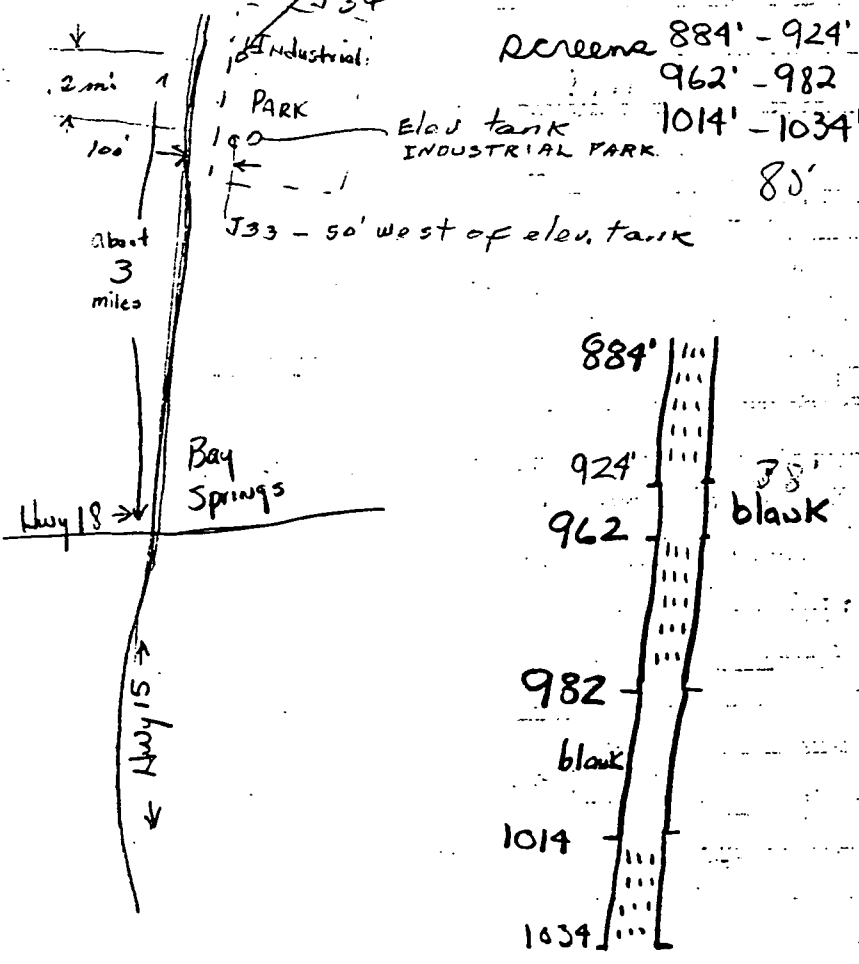
Depth to consolidated rock: ft Source of data:

Depth to basement: ft Source of data:

Surficial material: Infiltration characteristics:

Coefficient Trans: 45,000 Coefficient Storage:

Coefficient Perm: Number of geologic cards:



Well No.

JASPER
J33
7-12

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

CODED

WATER WELL DRILLERS LOG

July-Aug. 1972 date well completed
Griner Drilling Service firm name
Jasper county well located

LANDOWNER: Town of Bay Springs, Industrial Part #1
Bay Springs, Miss.
(mailing address)

WELL LOCATION: SW SW NW
sec. 16 T. 2 N. R. 10 E
3 miles North of Bay Springs
(distance) (direction) (nearest town)

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

WELL COMPLETION DATA:

(1) diameter (inches) 16

(2) total depth (feet) 1036

(3) static water level (feet) 162 ^{below} _{above} top of ground.

(4) casing B.I. 880
(material) (depth)

16 if telescope see back
(size) 1014-1036
962-982

(5) screen 30' 884-924'
(length) (depth to top)

8" .016-30x5.5.
(size) (material)

(6) pump 100 750
(HP) (yield gpm)

Elect.
(type power)

(7) electric log Yes
(yes or no)

M.G.S.
(organization running log)

(8) how well bottom plugged Back Wash Valve

description of formations encountered	depth	
	from	to
Play	0	5
Sand	5	30
Sand + Clay streaks	30	148
Play	148	410
Sand & Fine	410	431
Play	431	456
Sand & Clay + Sand (fine)	456	618
Clay with thin limestone nodules	618	794
Sand w/ clay streak	794	828
Clay and Sandy Clay	828	880
Sand	880	930
Clay and sand streaks	930	961
Sand	961	984
Clay	984	1010
Sand	1010	1058
Clay	1058	1058
Sand and lignite	1058	1115

CODED

DRILLERS REMARKS: split screen - not enough solid sand

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hornbeak DATE: 8/8/96

UNIT DEQ #: 82859 FILE #: B080817A

HEALTH DEPT. #: 310006-01 ELEV. _____

USGS #: J33 OLWR #: GW-3194

OWNER: Bay Springs Ind. Park QUAD: Louin

LOCATION: SW-NW S 16 T 2 N R 10 E COUNTY: Jasper

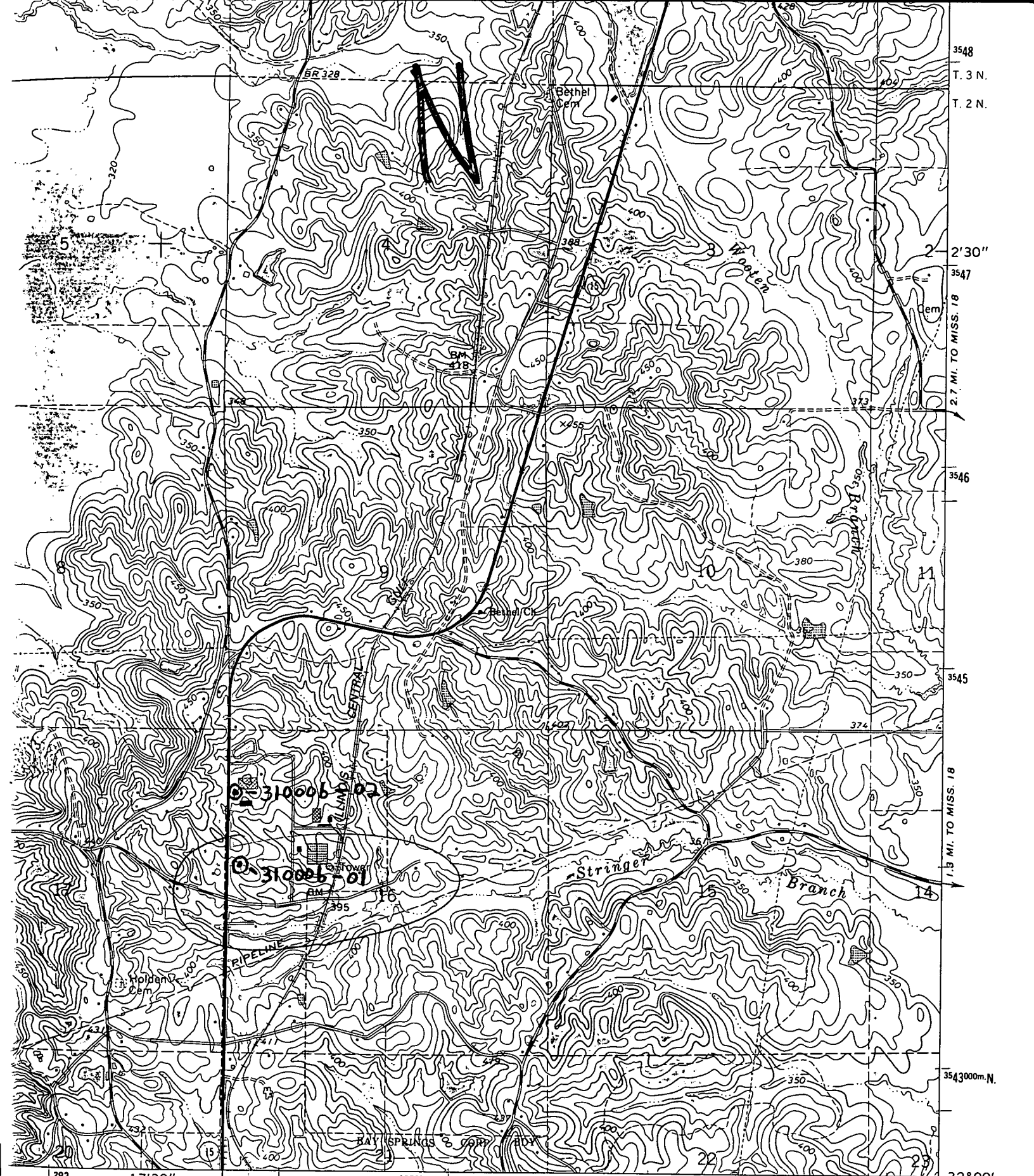
LOCATION DESCRIPTION: AT Ind Park Elev tank on East side of Hwy 15 N
at Ind Park, 2.25 mi. N. of Hwy 18 (Bay Springs)

CASING DIA: 16" PUMP TYPE & SIZE: 100 HP Elec.

GPS FIELD LOCATION: LAT. 32°00'50.9" LONG. 89°17'13.3"

GPS CORRECTED LOCATION: LAT. 32.01400553 LONG. 89.28754624

REMARKS: GPS at well.



3548
T. 3 N.
T. 2 N.
2' 30"
3547
2.7 MI. TO MISS. 18
3546
3545
1.5 MI. TO MISS. 18
3543000m.N.

1283 17'30" 285000m.E 32°00' 89°15'

1 MILE
7 FEET

Loain Quad

ROAD CLASSIFICATION

- Heavy-duty Light-duty
- Medium-duty Unimproved dirt
- State Route

(LAKE C. 3157 N.)



MISS.