

SITE ID - 315108 089 01 01  
FORM 9-1642 (1-68)

272 R50

CHANGE RED WELL SCHEDULE

Well No. Elog #173

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

PUNCHED MAR 20 1974

MS DOH 310014-01

MASTER CARD JCM Record by WTR Source of data BOWC Obs driller Date 5/72 2-17-72 Map S050 272 D

State MISS. 28 County SMITH 4

Latitude: 31 15 48 N Longitude: 089 19 04 Sequential number: 7

Lat-long accuracy: 2 10 13 Sec 8 SE NE SENESE

Local well number: R050 DA08 10 N 13 W Other number: Well #1 T.H. #1

Local use: 064173 772 74 Owner of name:

Owner or name: TRI COUNTY WA 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, Instat, 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. Z

Hyd. lab. data:

Qual. water data; type: USGS 3174 SBON 1971

Freq. sampling: Pumpage inventory: no. period:

Aperture cards:

Log data: Elog 10' - 1456' DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 11434 ft Meas. rept accuracy 3

Depth cased; (first perf.): 1384 ft Casing type: Steel; Diam. in 10

Finish: porous gravel v. concrete, (perf.), (green), gallery, end, (C) porous concrete, (F) gravel v. (G) gravel v. (H) horiz. open perf., (I) screen, (J) sd. pt., (K) shored, (L) open bble, (M) other S

Method Drilled: (A) air rot., (B) bored, (C) cable, (D) dug, (E) hyd rot., (F) jetted, (G) air percussion, (H) reverse, (I) trenching, (J) driven, (K) drive wash, (L) other H

Date Drilled: 2-17-72 972 Pump intake setting: ft

Driller: SINGER-LAYNE JACKSON, MISS address

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multipl, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other T Deep Shallow

Power (type): diesel, gas, gasoline, hand, gas, wind; H.P. 50 Trans. or meter no. W

Descrip. MP -410 ft below LSD, Alt. MP

Alt. LSD: 3118 Accuracy: Alt. 189 5

Water Level: ft below MP; Ft below LSD 1177 Accuracy: 335 52 D

Date meas: 472 Yield: 332 on test 250 Method determined 41

Drawdown: ft Accuracy: Pumping period hrs

QUALITY OF WATER DATA: Iron Sulfate Chloride Hard. 72

Sp. Conduct 495 K x 10^6 3 Temp. 30.0 Date sampled 374

Taste, color, etc. pH: 8.8 color 90 Fe < .10 Na. 199

pH: 8.4 + (USGS)

R50 1/2/89 229.50

GW 1120

DT 11/20/80 230 32.92 197.08 2.5 194.58 Poor 418 195 223

WELL NO. R50

**HYDROGEOLOGIC CARD**

**PHYSIOGRAPHIC PROVINCE:** 03 **Section:** \_\_\_\_\_

**Drainage Basin:** 1130 **Subbasin:** \_\_\_\_\_

**Topo of well site:** (C) (E) (F) (R) (K) (L) \_\_\_\_\_  
 (H) (P) (S) (T) (U) (V) \_\_\_\_\_

offshore, pediment, hillside, terrace, undulating, valley flat \_\_\_\_\_

**MAJOR AQUIFER:** system \_\_\_\_\_ series TE aquifer, formation, group SPRT SS

**Lithology:** \_\_\_\_\_ **Origin:** S **Aquifer Thickness:** 2 ft

**Length of well open to:** 8.8 ft **Depth to top of:** 5.0 ft **Depth to top of:** 1380 ft 43.8 ft

**MINOR AQUIFER:** system \_\_\_\_\_ series \_\_\_\_\_ aquifer, formation, group \_\_\_\_\_

**Lithology:** \_\_\_\_\_ **Origin:** \_\_\_\_\_ **Aquifer Thickness:** \_\_\_\_\_ ft

**Length of well open to:** \_\_\_\_\_ ft **Depth to top of:** \_\_\_\_\_ ft **Depth to top of:** \_\_\_\_\_ ft

**Intervals Screened:** 8" S.S.

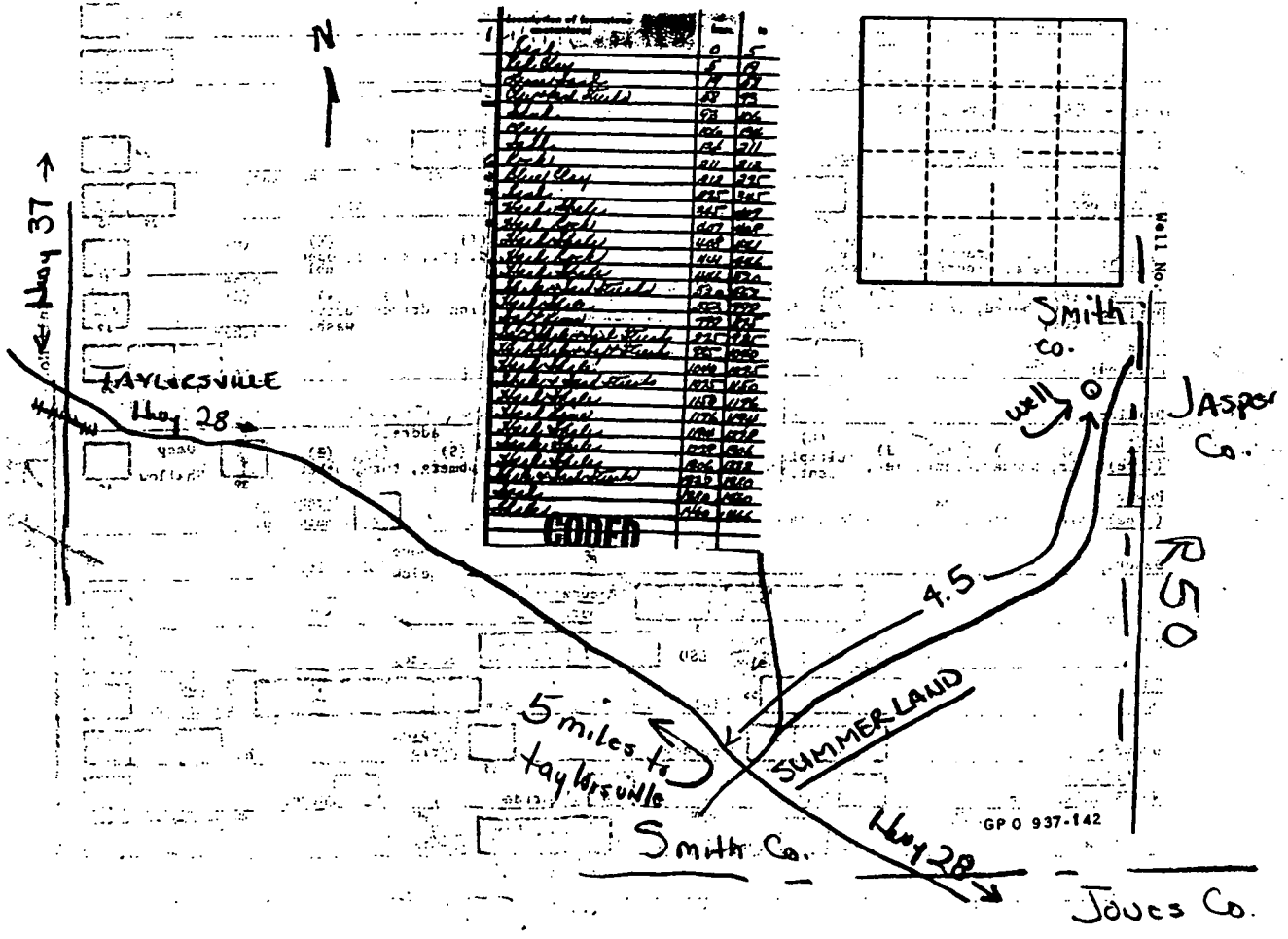
**Depth to consolidated rock:** \_\_\_\_\_ ft **Source of data:** \_\_\_\_\_

**Depth to basement:** \_\_\_\_\_ ft **Source of data:** \_\_\_\_\_

**Surficial material:** \_\_\_\_\_ **Infiltration characteristics:** \_\_\_\_\_

**Coefficient Trans:** 20000 **gpd/ft** 203 **Coefficient Storage:** \_\_\_\_\_

**Coefficient Perm:** 230 **gpd/ft<sup>2</sup>** **Spec cap:** 7.4 **gpm/ft** **Number of geologic cards:** \_\_\_\_\_



SMITH  
R 50  
4-10-72

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

**CODED**

WATER WELL DRILLERS LOG

4-10 1972 Singer Lumber Co. Ltd. Smith  
date well completed firm name county well located

LANDOWNER: <u>Tri-County Water Association</u> <u>Bay Springs, Miss.</u> (mailing address)	description of formations encountered	from	to
<p>WELL LOCATION: <u>13</u> sec. <u>8</u> T. <u>10</u> N R. <u>9</u> E <u>6.15</u> miles <u>East</u> of <u>Tylonsville</u> (distance) (direction) (nearest town)</p> <p>WELL PURPOSE: <u>Domestic</u> (home, irrigation, municipal, industrial)</p> <p>WELL COMPLETION DATA:</p> <p>(1) diameter (inches) <u>10"</u></p> <p>(2) total depth (feet) <u>1469'</u></p> <p>(3) static water level (feet) <u>171'</u> below top of ground.</p> <p>(4) casing <u>Steel</u>, <u>1380'</u> (material) (depth) <u>10"</u> If telescope see back. (size) <u>66' 2 8"</u></p> <p>(5) screen <u>50'</u>, <u>1384'</u> (length) (depth to top) <u>8"</u>, <u>Stainless Steel</u> (size) (material)</p> <p>(6) pump <u>50</u>, <u>250</u> (HP) (yield gpm) <u>Electric</u> (type power)</p> <p>(7) electric log <u>yes</u> (yes or no) <u>U. S. Geol. Survey</u> (organization running log)</p> <p>(8) how well bottom plugged <u>Valve</u></p> <p>DRILLERS REMARKS:</p>	<p>Sand</p> <p>Red Clay</p> <p>Loose Sand</p> <p>Clay + Sand streaks</p> <p>Sand</p> <p>Clay</p> <p>Sand</p> <p>Rock</p> <p>Blue Clay</p> <p>Sand</p> <p>Hard Shale</p> <p>Hard Rock</p> <p>Hard Shale</p> <p>Hard Rock</p> <p>Hard Shale</p> <p>Shale + Sand streaks</p> <p>Hard Shale</p> <p>Soft Limestone</p> <p>Soft Shale + Sand streaks</p> <p>Hard Shale + Soft streaks</p> <p>Hard Shale</p> <p>Shale + Sand streaks</p> <p>Hard Shale</p> <p>Hard Limestone</p> <p>Hard Shale</p> <p>Sandy Shale</p> <p>Hard Shale</p> <p>Shale + Sand streaks</p> <p>Sand</p> <p>Shale</p>	<p>0</p> <p>5</p> <p>19</p> <p>58</p> <p>93</p> <p>106</p> <p>134</p> <p>211</p> <p>212</p> <p>275</p> <p>345</p> <p>407</p> <p>408</p> <p>441</p> <p>446</p> <p>520</p> <p>552</p> <p>798</p> <p>875</p> <p>925</p> <p>985</p> <p>1040</p> <p>1075</p> <p>1150</p> <p>1176</p> <p>1194</p> <p>1278</p> <p>1306</p> <p>1332</p> <p>1380</p> <p>1460</p>	<p>5</p> <p>19</p> <p>58</p> <p>93</p> <p>106</p> <p>134</p> <p>211</p> <p>212</p> <p>275</p> <p>345</p> <p>407</p> <p>408</p> <p>441</p> <p>446</p> <p>520</p> <p>552</p> <p>798</p> <p>875</p> <p>925</p> <p>985</p> <p>1040</p> <p>1075</p> <p>1150</p> <p>1176</p> <p>1194</p> <p>1278</p> <p>1306</p> <p>1332</p> <p>1380</p> <p>1460</p>

**CODED**

APR 20 1972

MISSISSIPPI  
STATE BOARD OF  
WATER COMMISSIONERS

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hotwreak DATE: 8/1/96  
UNIT DEQ #: 82859 FILE #: B080200B  
HEALTH DEPT. #: 310014-01 ELEV. \_\_\_\_\_  
USGS #: R50 OLWR #: GW-1120  
OWNER: Tti County w/A #1 - Jasper QUAD: 5050  
LOCATION: NE-SE S 8 T 10N R 13W COUNTY: Smith  
LOCATION DESCRIPTION: AT Ground Tanks on west side of Jasper County Rd  
#10 / 3.4 mi. SW of Hwy 15 (Stringer)  
CASING DIA: 10" PUMP TYPE & SIZE: 50 HP Elec.  
GPS FIELD LOCATION: LAT. 31° 50' 47.3" LONG. 89° 19' 03.7"  
GPS CORRECTED LOCATION: LAT. 31.84700097 LONG. 89.31773107  
REMARKS: GPS at well  
(Jasper County well in Smith County.)

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR  
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Jeff Seyoum DATE: 9/13/94  
UNIT DEQ #: \_\_\_\_\_ FILE #: A091323B ✓  
HEALTH DEPT. #: 310014-01 ELEV. 400  
USGS #: R-9008 OLWR #: \_\_\_\_\_  
OWNER: Tri County W/A No. 1 - Jasper  
LOCATION: \_\_\_\_\_ S 17 T 10N R 9E COUNTY: Smith  
LOCATION DESCRIPTION: \_\_\_\_\_  
\_\_\_\_\_  
CASING DIA: 10" PUMP TYPE & SIZE: Turbine  
GPS FIELD LOCATION: LAT. 31 50 46.3 LONG. 89 19 06.4  
GPS CORRECTED LOCATION: LAT. 31.84700097 LONG. 89.31773107  
REMARKS: 5020 Quad  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Jasper Co well

N

BR 369

Reed's

Cre

Providence Ch

Creek

Buchhalter Branch

SMITH CO JASPER CO

Edon Ch

5050 Quad

PIPELINE

Gravel Pit

Gravel Pit

Gravel Pit

19

20

21

