

WRD Exp. (GW)  
April 1966

Well No.                     

H53

U. S. DEPT. OF THE INTERIOR

WELL SCHEDULE  
GEOLOGICAL SURVEY  
**FILE COPY**

WATER RESOURCES DIVISION

E Log 27

MASTER CARD

Record by PE. Grantham Source of data Bowc E Log & Driv. Date 9-27-66 Map West Point Quad

State Mississippi 28 County (or town) Clay 13

Latitude: 33 35 19 N Longitude: 088 38 43 Sequential number: 1

Lat-long accuracy: 2 17 6 0 Sec 23, SE NE NW

Local well number: H053AB2317506E Other number:                     

Local use: 009027 Owner or name: Bryan Bros Packer Co

Owner or name: BRYAN BROTHERS Address: Cow Palace West Point, Miss

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

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, water:                     

Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other N

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:                      yes no; period:                     

Aperture cards:                      yes                     

Log data: E Log 10 - 1005 DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 855 Meas. 3

Depth cased: (first perf.) 735 Casing type: Steel accuracy                      Diam. 12.8 in 1.2

Finish: porous concrete, gravel w. (perfor.), gravel w. (screen), horiz. gallery, open perf., screen, sd. pt., shored, open hole, other 5

Method Drilled: air bored, cable, dug, hyd jetted, air reverse, percussion, rotary, trenching, driven, drive wash, other H

Date Drilled: 9.6.6 Pump intake setting:                      ft                     

Driller: Carlross Drilling Co Memphis Tenn

Lift (type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other 7 Deep                      Shallow 40

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

Descrip. MP 220 ft above below LSD, Alt. MP                     

Alt. LSD: 235 235 Accuracy: (source) 5

Water Level 70 ft above below MP; Fr                      LSD 20 Accuracy:                      D

Date meas: 0.6.6 Yield: 900 kpm Method determined                     

Drawdown:                      ft Accuracy:                      Pumping period:                      hrs                     

QUALITY OF WATER DATA: Iron                      Sulfate                      Chloride                      Hard.                     

Sp. Conduct                      K x 10<sup>6</sup> Temp.                      °F Date sampled                     

Taste, color, etc.                     

Could not get pump turn off due to work at plant

8/19/87 Could not get pump turned off. Come back later w/ Turbine. Moni

*Mike McCullough, Director of Engg.  
\* 494-3741*

*12/10/87  
WL = 90.50*

*10/23/78  
SL = 44.48*

FUNCTIONAL AND VERIFIED  
ROLLA COMPUTATION BRANCH

Well No.                     

H53

Well No. H53

Latitude-longitude N  
S  
d m s d m s

HYDROGEOLOGIC CARD

**1** SAME AS ON MASTER CARD **19** Physiographic Province: 03 **20 21** Section: \_\_\_\_\_

**22** D Drainage Basin: 13E **23 25** Subbasin: \_\_\_\_\_ **26**

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (P) offshore, pediment, hillside, terrace, undulating, valley flat **27**

MAJOR AQUIFER: \_\_\_\_\_ system \_\_\_\_\_ series K3 **28 29** aquifer, formation, group G0 **30 31**

Lithology: \_\_\_\_\_ U3 **32 33** Origin: 2 **34** Aquifer Thickness: \_\_\_\_\_ ft

115 **35 37** Length of well open to: \_\_\_\_\_ ft 120 **38 40** Depth to top of: \_\_\_\_\_ ft 730 **41 43**

MINOR AQUIFER: \_\_\_\_\_ system \_\_\_\_\_ series \_\_\_\_\_ **44 45** aquifer, formation, group \_\_\_\_\_ **46 47**

Lithology: \_\_\_\_\_ U3 **48 49** Origin: \_\_\_\_\_ **50** Aquifer Thickness: \_\_\_\_\_ ft

    **51 53** Length of well open to: \_\_\_\_\_ ft     **54 56** Depth to top of: \_\_\_\_\_ ft     **57 59**

Intervals Screened: 8'55

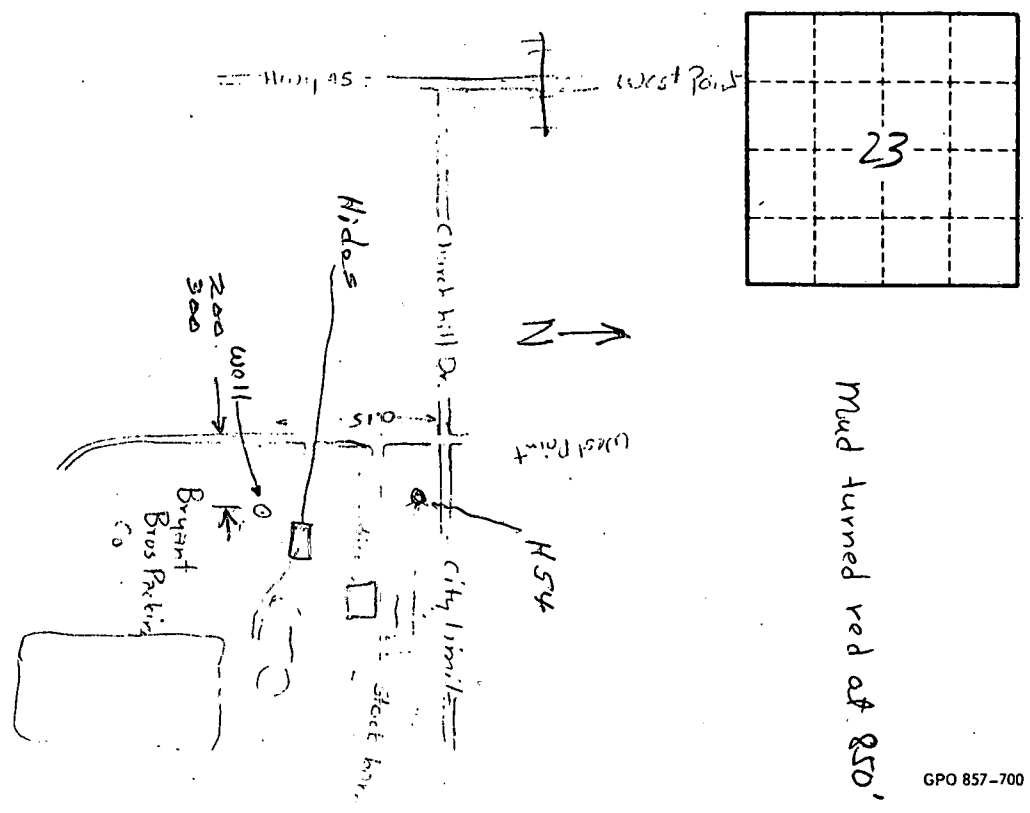
Depth to consolidated rock: \_\_\_\_\_ ft     **60 63** Source of data: \_\_\_\_\_ **64**

Depth to basement: \_\_\_\_\_ ft     **65 68** Source of data: \_\_\_\_\_ **69**

Surficial material: \_\_\_\_\_     **70 71** Infiltration characteristics: \_\_\_\_\_ **72**

Coefficient Trans: \_\_\_\_\_ gpd/ft     **73 75** Coefficient Storage: \_\_\_\_\_ **76 78**

Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_ **79**



Clay County

FILE COPY

U.S. DEPT. OF INTERIOR  
GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION  
GROUND WATER SITE INVENTORY  
WATER-LEVEL DATA

WELL NO. H53  
MP HEIGHT \_\_\_\_\_

Bryan Brothers  
211 Gards

Site Ident. No. 33.35.19.088.38.43.0.1

R-234 \* T-A \*

DATE	WATER LEVEL (BELOW LSD)	STATUS	METHOD	HOLD	CUT	DEPTH BELOW MP	REMARKS	DATE PUNCHED	DATE ENTERED
235 # 10/23/1978 *	237 - 44.48 *	238 - *	239 - *						
235 # / / *	237 - . . . *	238 - *	239 - *						
235 # 08/19/1987 *	237 - Ammonia *	238 - *	239 - *						
235 # 12/10/1987 *	237 - 9.0.50 *	238 - *	239 - *						
235 # / / *	237 - . . . *	238 - *	239 - *						
235 # / / *	237 - . . . *	238 - *	239 - *						
235 # / / *	237 - . . . *	238 - *	239 - *						
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235 # / / *	237 - . . . *	238 - *	239 - *						
235 # / / *	237 - . . . *	238 - *	239 - *						

*Handwritten note:* Pipe rusted; need pumps or continuously until next week. Call before coming. Spoke w/Tyrod.

Method of Measurement 239 = A C E G H L M R S T V Z  
 airline, calibrated, estimated, pressure, calibrated, geophysical, manometer, reported, steel, electric, calibrated other  
 airline pressure gage pressure gage logs tape tape electric tape

Site Status 238 = D E F G H Ø P R S T V X Z  
 dry, flowed recently, flowing, nearby, flowing, nearby, obstruction, pumping, recently, nearby, nearby, foreign, surface-water, other  
 recently flowing recently flowing pumped pumped pumped pumped pumped pumped effect

CLAY  
H 53  
10-66

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

ELOG # 27

CODED

October 1966 Carloss Well Supply Co. Clay  
date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
Bryan Brothers Packing Co.	Sandy Clay		16'
West Point, Mississippi (mailing address)	Rock		17'
SOAPSTONE	Soapstone		163'
WELL LOCATION:	Sandy Shale		196'
sec. 23 T 17 N R 6 E	Hard Rock		197'
2 miles South of West Point	Sandy Shale		216'
(distance) (direction) (nearest town)	Hard Rock		217'
SANDY SHALE	Sandy Shale		247'
WELL PURPOSE: Industrial	Hard Rock		248'
(home, irrigation, municipal, industrial)	Shale		270'
WELL COMPLETION DATA:	Very fine sand		343'
(1) diameter (inches) 12.75"	Sandy Shale		358'
(2) total depth (feet) 855'	Rock		359'
(3) static water level (feet) 20' below above top of ground.	Hard Shale	CODED	458'
(4) casing Black Stl. 729' (material) (depth)	Sand, etc.		
_____ if telescope see back. (size)	Hard Rock		461'
(5) screen 120' 735' (length) (depth to top)	Hard Shale		475'
8" Stainless (size) (material)	Hard Rock		476'
(6) pump 50 900 (HP) (yield gpm)	Hard Shale with thin		
Electric (type power)	Rocks		601'
(7) electric log Yes (yes or no)	Hard Rock		602'
U.S.G.S. (organization running log)	Hard Shale		624'
(8) how well bottom plugged Back	Hard Rock		625'
	Hard Shale		735'
	Sand with streaks		
DRILLERS REMARKS:	Clay and shale		858'
Our Watch word is	Clay		887'
"Quality"			

MAY 20 1971

MISS. BD. OF  
WATER COMM.



If well telescopes please sketch and show depths.

GROUND LEVEL

X			

SECTION \_\_\_\_\_

Please indicate well location X.

ADDITIONAL INFORMATION

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