

6W522 SW Pontotoc

FORM 9-1642 (1-68)

Well No. G 42
Elog # 36

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD JCM

BOUSE

Record by Q Source of data driller Date 11/71 Map _____

State 28 County (or town) PONTOTOC 58

Latitude: 34^{deg} 10^{min} 52^{sec} N Longitude: 08^{degrees} 9^{min} 01^{sec} W Sequential number: 1

Lat-long accuracy: 2 T. 10 R. 3 W. Sec. 30NW E. 8W S. 3E

Local well number: 5042BC3010503E Other number: _____ B & M

Local use: 036 N71 22 Owner or name: ALGOMA W.A.

Owner or name: ALGOMA W A Address: Well # 1

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 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. Z

Hyd. lab. data: _____

Qual. water data: type: USGS 11/10/71

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

Aperture cards: _____

Log data: Elog 2' - 1126'

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth-well: 1064 Meas. 3

Depth cased: (first perf.) _____ ft. 984 Casing type: _____; Diam. 8 x 4 in 8

Finish: porous concrete, gravel w. screen, gravel w. gallery, horiz. open end, perf., screen, sd. pt., shored, open hole, other G

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

Date Drilled: 10-12-71 971 Pump intake setting: _____ ft. _____

Driller: T.M. PARKS Houlika miss

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

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

Descrip. MP 425 ft above below LSD, Alt. MP

Alt. LSD: 420 Accuracy: (source) ELEV. AT RR STA. 4

Water Level 221± ft above below MP; Ft below LSD 221 Accuracy: _____

Date meas: N71 Yield: _____ gpm 75 Method determined 4

Drawdown: _____ ft 77 Accuracy: _____ Pumping period 2 1/4 hrs 2

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

Sp. Conduct 410 K x 10⁶ 3 Temp. 24.0 °C 24.0 Date sampled 11/10/71 N71

Taste, color, etc. _____

PUNTING

Well No.

G42

WL-255
3/22/82

Well No. G42

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: _____

D Drainage Basin: 13B Subbasin: _____

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

MAJOR AQUIFER: system _____ series K3 aquifer, formation, group EZ

Lithology: ZS Origin: 6 Aquifer Thickness: _____ ft

Length of well open to: 100 ft Depth to top of: 80 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:

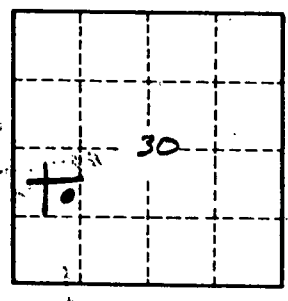
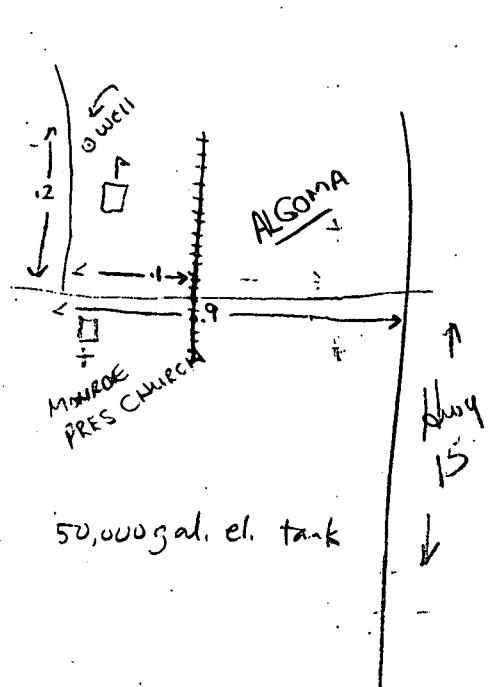
Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: 8500 gpd/ft 852 Coefficient Storage: _____

Coefficient Perm: 85 gpd/ft²; Spec cap: 2.2 gpm/ft; Number of geologic cards: _____



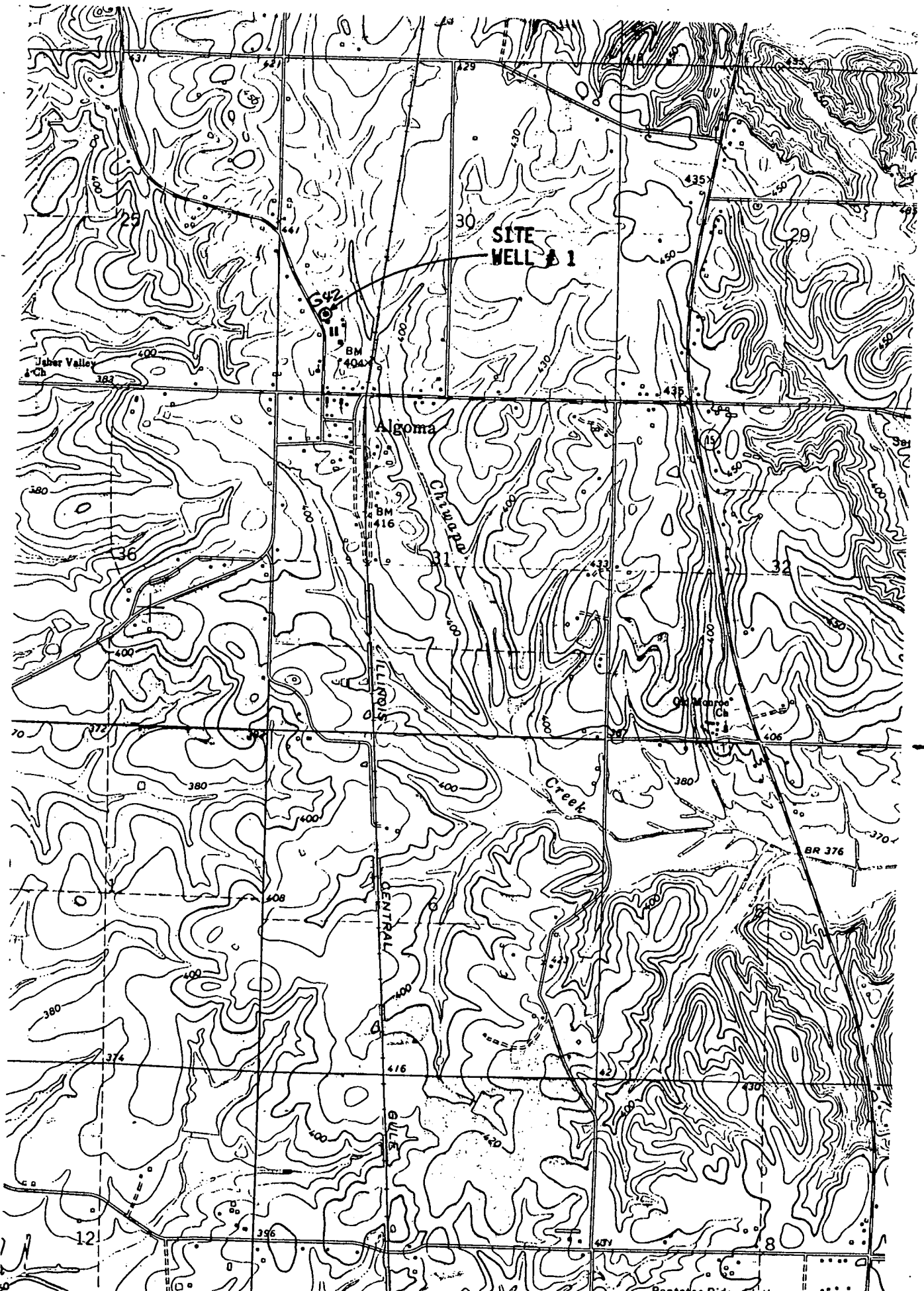
3/22/83
57' dd @ 170 gpm
— II —

Well No. G42

(driller reports 2 gpm/ft tested 155 gpm + 170 gpm)

R 2 E

R 3 E



T 10 S

T 11 S

ELOG # 36

PONTOTOC
G42
3-15-72

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

CODED

WATER WELL DRILLERS LOG

MAR. 15 date well completed I. M. PARKS firm name Pontotoc county well located

LANDOWNER:	description of formations encountered	from	to
<u>Algoma Water</u>			
<u>Asso. Algoma, Miss.</u>			
(mailing address)			
WELL LOCATION: sec. <u>30</u> T. <u>10</u> N R. <u>3</u> E 10 miles <u>S</u> of <u>Pontotoc</u> (distance) (direction) (nearest town)	<u>Clays, sandstone</u> 0 100 <u>Sand & Rock</u> 100 210 <u>Sandy Shale & Rock</u> 210 300 <u>Chalk, sandstone</u> 300 918 <u>Sand</u> 918 1060 <u>TD</u> 1060		
WELL PURPOSE: <u>MUNICIPAL</u> (home, irrigation, municipal/industrial)			
WELL COMPLETION DATA: (1) diameter (inches) <u>8"</u> (2) total depth (feet) <u>1060</u> (3) static water level (feet) <u>221</u> below above top of ground. (4) casing <u>Steel</u> , <u>940'</u> (material) (depth) (size) If telescope see back. (5) screen <u>80</u> , <u>960'</u> (length) (depth to top) <u>4"</u> , <u>Stainless</u> (size) (material) (6) pump <u>50</u> , <u>250</u> (HP) (yield gpm) <u>3P</u> (type power) (7) electric log <u>yes</u> (yes or no) <u>U.S. S.S.</u> (organization running log) (8) how well bottom plugged <u>BPV</u>			
DRILLERS REMARKS:			

CODED

MAY 2 - 1972

MISS. BD. OF WATER COMMISSIONERS