

GW 592

Falkner Quad

Well No. **F7**

WELL SCHEDULE

E-109 #4

U.S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by P.E. Grantham Source of data Dit Date 4-18-60 Map 11/192  
State JAC County 28 (or town) 70

Latitude: 34 47 27 N Longitude: 08 55 39 W Sequential number: 1

Lat-long accuracy: 30 3 4 0 30 NE NW SW SE

Local well number: F007BC3003S04E Other number: #1 N well

Local use: 0640:04 Owner or name: AMERICAN BULLET

Owner or name: REPLEY Address: RIGHT

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

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, water: (S) (T) (U) (V) (W) (X) (Y) (Z)

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

Use of well: (A) (D) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (R) (T) (U) (V) (W) (X) (Y) W

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: USGS 1/62

Freq. sampling:  Pumpage inventory:  yes  no period:

Aperture cards:  yes  no

Log data: DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 889 ft Meas. rept accuracy 3

Depth cased: 80 ft Casing type: 16x10 in Diam. 16x10 in 16

Finish: concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, perf., screen, sd. pt., shored, open hole, other 3

Method: (A) (B) (C) (D) (H) (J) (P) (R) (T) (V) (W) (X) (Y) 4

Drilled: air bored, cable, dug, hyd jetted, air percussion, rotary, reverse trenching, driven, drive wash, other 4

Date Drilled: 4/1960 960 Pump intake setting: 350 ft 359

Driller: LAYNE CENTRAL

Lift (type): (A) (B) (C) (J) multiple, multiple, (cent.) (turbo.) nose, piston, rot, submerg, turb, other 7 Deep  Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 7 Trans. or meter no. 7

Descrip. MP 510 ft above below LSD, Alt. MP

Alt. LSD: 505 Accuracy: (source) 5

Water Level: ft above below MP; Ft. above below LSD 162 Accuracy: D

Date meas: 062 Yield: 60 gpm 500 Method determined 61

Drawdown: ft 62 Accuracy: 63 Pumping period: 64 hrs 65

QUALITY OF WATER DATA: Iron ppm 69 Sulfate ppm 70 Chloride ppm 71 Hard. ppm 72

Sp. Conduct K x 10 73 Temp. 74 Date sampled 75 162 76

Taste, color, etc. 77 78 79

See sketch on back NW/SW/SW

10/18/78 WL: 222.73

PUNCHED and VERIFIED ROLLA COMPUTATION BRANCH

Well No.

F7

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Latitude-longitude \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**HYDROGEOLOGIC CARD**

**19** SAME AS ON MASTER CARD **20** 0.3 **21** Section: \_\_\_\_\_

**22** D **23** Drainage **24** 15F **25** Subbasin: \_\_\_\_\_ **26**

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

**28** MAJOR **29** K.3 **30** C.S  
 AQUIFER: system series aquifer, formation, group  
 Lithology: U.S **31** Origin: 6 **32** Aquifer **33**  
  **34** Thickness: \_\_\_\_\_ **35** ft

**36** Length of **37**   **38** Depth to **39** 80 **40** 79.6  
 well open to: \_\_\_\_\_ **41** ft top of: \_\_\_\_\_ **42** ft

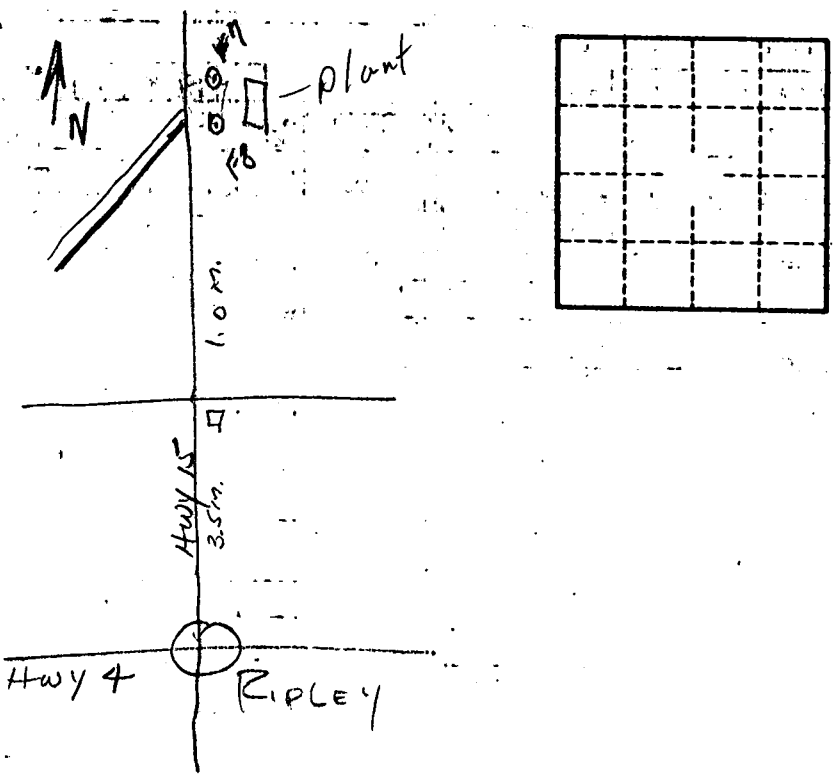
**43** MINOR **44**   **45**   **46**   **47**  
 AQUIFER: system series aquifer, formation, group  
 Lithology: \_\_\_\_\_ **48** Origin: \_\_\_\_\_ **49** Aquifer **50**  
  **51** Thickness: \_\_\_\_\_ **52** ft

**53** Length of **54**   **55** Depth to **56**   **57**   **58**  
 well open to: \_\_\_\_\_ **59** ft top of: \_\_\_\_\_ **60** ft

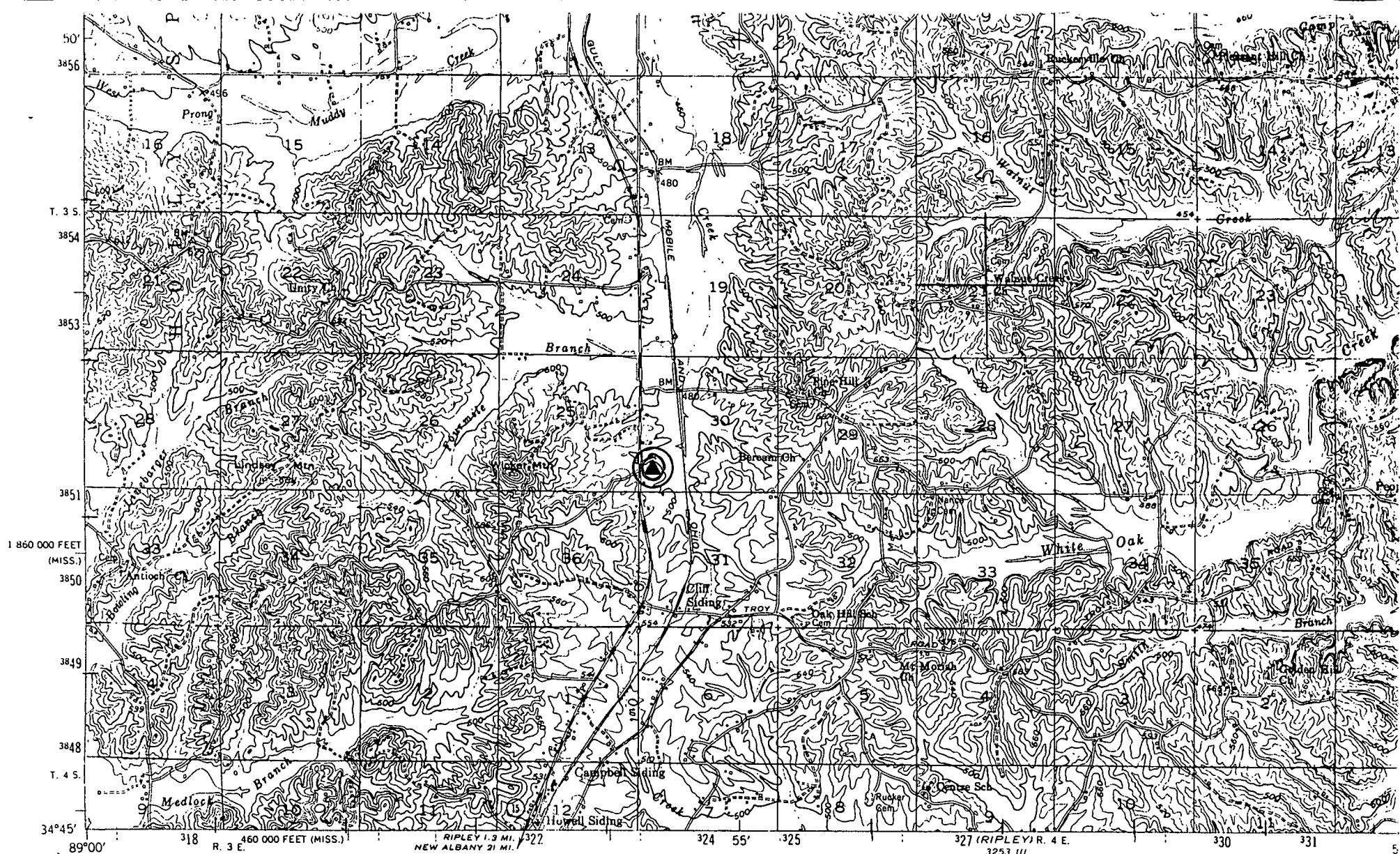
**61** Intervals **62**   **63**   **64**   **65**  
 Screened: \_\_\_\_\_ **66**   **67**   **68**   **69**   **70**   **71**   **72**   **73**   **74**   **75**   **76**   **77**   **78**   **79**   **80**   **81**   **82**   **83**   **84**   **85**   **86**   **87**   **88**   **89**   **90**   **91**   **92**   **93**   **94**   **95**   **96**   **97**   **98**   **99**   **100**

WL 156 (1960):

from old well sited  
 "Sp. Capacity  
 3 1/2 gpa  
 yields also report as  
 2 1/2 and 5 gpm/ft  
 for the two wells"



Well No. F7

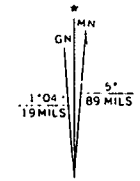


BLUE MOUNTAIN  
3152 11

Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS

Topography from aerial photographs by stereoplanigraph  
Aerial photographs taken 1947. Field check 1951

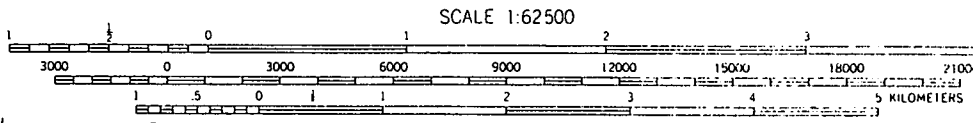
Polyconic projection, 1927 North American datum  
10,000-foot grids based on Mississippi coordinate system,  
east zone, and Tennessee coordinate system  
1000-meter Universal Transverse Mercator grid ticks,  
zone 16, shown in blue



UTM GRID AND 1951 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET



Withdrawal Point



SCALE 1:62500  
CONTOUR INTERVAL 20 FEET!  
DOTTED LINES REPRESENT HALF-INTERVAL CONTOURS  
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242,  
AND TENNESSEE DIVISION OF GEOLOGY, NASHVILLE, TENNESSEE 37219  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST