

SITE ID- 303237088295401

WRD Exp. (GW)  
April 1966

Well No. M65

WELL SCHEDULE

376c

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED and VERIFIED  
ROLLA COMPUTATION BRANCH

MASTER CARD

Record by J. HARRELL Source of data BOWC Date 4/9/68 Map \_\_\_\_\_

State 9 28 County (or town) JACKSON 30

Latitude: 30<sup>deg</sup> 32<sup>min</sup> 32<sup>sec</sup> N Longitude: 088<sup>degrees</sup> 29<sup>min</sup> 5<sup>sec</sup> X Sequential number: 1

Lat-long accuracy: 4 T. 6 N. R. 5 E. Sec. 8 NE NE

Local well number: M065A0806505W Other number: \_\_\_\_\_ B & M

Local use: \_\_\_\_\_ Owner or name: \_\_\_\_\_

Owner or name: FRANK M SHIELDS Address: Hwy 613  
HELENA

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Ind, (N) P S, (P) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Recharge, (W) Desal-P S, (X) Desal-other, (Y) \_\_\_\_\_ H

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (I) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) 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: \_\_\_\_\_ D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1088 ft 1088 Meas. rept accuracy \_\_\_\_\_ 3

Depth cased: (first perf.) 1078 ft 1078 Casing type: \_\_\_\_\_; Diam. 2 in 2

Finish: (A) porous concrete, (B) gravel w. concrete, (C) gravel w. (perf.), (D) gravel w. (screen), (E) horz. gallery, (F) horz. open end, (G) horz. open end, (H) horz. open end, (I) horz. open end, (J) horz. open end, (K) horz. open end, (L) horz. open end, (M) horz. open end, (N) horz. open end, (O) horz. open end, (P) horz. open end, (Q) horz. open end, (R) horz. open end, (S) horz. open end, (T) horz. open end, (U) horz. open end, (V) horz. open end, (W) horz. open end, (X) horz. open end, (Y) horz. open end, (Z) horz. open end \_\_\_\_\_ 5

Method Drilled: (A) air rot, (B) air bored, (C) cable, (D) dug, (E) hyd jetted, (F) hyd jetted, (G) hyd jetted, (H) hyd jetted, (I) hyd jetted, (J) hyd jetted, (K) hyd jetted, (L) hyd jetted, (M) hyd jetted, (N) hyd jetted, (O) hyd jetted, (P) hyd jetted, (Q) hyd jetted, (R) hyd jetted, (S) hyd jetted, (T) hyd jetted, (U) hyd jetted, (V) hyd jetted, (W) hyd jetted, (X) hyd jetted, (Y) hyd jetted, (Z) hyd jetted \_\_\_\_\_ H

Date Drilled: 8/5/66 966 Pump intake setting: \_\_\_\_\_ ft \_\_\_\_\_

Driller: T. C. STORK

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) multiple, (H) multiple, (I) multiple, (J) multiple, (K) multiple, (L) multiple, (M) multiple, (N) multiple, (O) multiple, (P) multiple, (Q) multiple, (R) multiple, (S) multiple, (T) multiple, (U) multiple, (V) multiple, (W) multiple, (X) multiple, (Y) multiple, (Z) multiple \_\_\_\_\_ N Deep \_\_\_\_\_ 40

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. \_\_\_\_\_ 41 Trans. or meter no. \_\_\_\_\_

Descrip. MP \_\_\_\_\_ ft above \_\_\_\_\_ below LSD, Alt. MP \_\_\_\_\_

Alt. LSD: \_\_\_\_\_ Accuracy: (source) \_\_\_\_\_ 4

Water Level: +41.5 ft above \_\_\_\_\_ below MP; Ft below LSD +42 Accuracy: \_\_\_\_\_ D

Date meas: 8/5/66 866 Yield: \_\_\_\_\_ gpm \_\_\_\_\_ Method determined \_\_\_\_\_ 61

Drawdown: \_\_\_\_\_ ft \_\_\_\_\_ Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs \_\_\_\_\_ 68

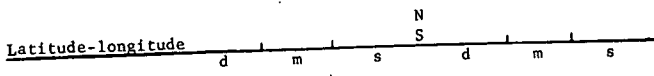
QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm \_\_\_\_\_ Sulfate \_\_\_\_\_ ppm \_\_\_\_\_ Chloride \_\_\_\_\_ ppm \_\_\_\_\_ Hard. \_\_\_\_\_ ppm \_\_\_\_\_ 72

Sp. Conduct \_\_\_\_\_ K x 10<sup>6</sup> \_\_\_\_\_ Temp. \_\_\_\_\_ °F \_\_\_\_\_ Date sampled \_\_\_\_\_ 77 79

Taste, color, etc. \_\_\_\_\_

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**HYDROGEOLOGIC CARD**

SAME AS ON MASTER CARD Physiographic Province: 03 Section: \_\_\_\_\_

D Drainage Basin: 130 Subbasin: \_\_\_\_\_

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

MAJOR AQUIFER: TM aquifer, formation, group HBRG

Lithology: US Origin: 3 Aquifer Thickness: \_\_\_\_\_ ft

Length of well open to: \_\_\_\_\_ ft Depth to top of: 1058 ft A05

MINOR AQUIFER: \_\_\_\_\_ aquifer, formation, group \_\_\_\_\_

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

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

Intervals Screened: 2" .012

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

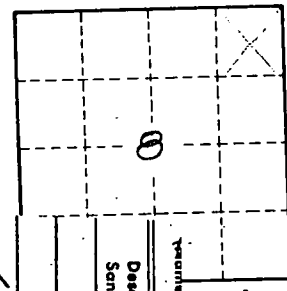
Depth to basement: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

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

Coefficient Trans: \_\_\_\_\_ gpd/ft Coefficient Storage: \_\_\_\_\_

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

*12 miles NE of Moss Point*



Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
CLAY	12	12
SAND	6	18
SAND & CLAY STRKS	26	44
SAND	66	110
CLAY	44	154
SAND	27	182
CLAY	6	188
SAND	30	218
CLAY	112	330
SAND	48	378
CLAY	179	557
SAND	1.1	558
CLAY	134	692
SAND	12	704
CLAY	6	710
SAND (SHELLS)	46	756
CLAY	132	888
CLAY	18	906
FINE SAND	92	998
CLAY	92	1090
FINE SAND	22	1112
CLAY (SHELLS)	44	1156
CLAY - SAND STRKS	44	1200
CLAY	90	1290
SAND	30	1320

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