

9-185 July, 1918

DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

Not in use 1955
S.W.P.C. *D*

Well Schedule *2*

Date _____ 19____ Field No. *233*
Record by *Completed by C. Kidwell Sept 27 19* Office No. *615*

1. Location: State *Arkansas* County *Marion*
Quadrangle *Water works block*
E. *20* 1/4 sec. _____ T. _____ N. _____ S. _____ R. _____ E. _____ W. _____

2. Owner *Town* Address _____
Driller *C. G. Stinson* Address _____

3. Topography *285*
4. Altitude *24* ft. above surface
below _____

5. Type *Dug*, drilled, driven, bored
6. Depth *120* ft. Date *1906*

7. Diameter: top *4* bottom *4*
8. Chief Aquifer *Quaternary*

9. Casings: Type *W. I. Pipe* Depth *120* ft., Diam. *0* to *120*
Finish *no air or water necessary*

10. Water level *24* ft. above
below _____

11. Pump: Type *Air Compressor* Capacity *12 x 14 x 12* G. M.
Power: Kind *Clayton* Horsepower _____

12. Yield: Flow *250* G. M.; Pump *150* G. M., Meas., Rept. _____
Drawdown _____ ft.; pumping _____ G. M.; time _____

13. Use: Dom., Stock, PS., Irr., Ind., DW., Irr. _____ Quantity *2000 gpd*
Adequacy, permanence *adequate*

14. Quality: Good, fair, bad *good* Sample Yes _____ No _____
Taste, odor, color *clear* Temp. _____ °F

Unfit for _____
Sanitation _____
15. Cost: Well, \$ *900*; Plant (well, pump, power, etc.), \$ *87,637*

Operating, \$ _____ per _____ inc. _____ exc. _____

Log, analysis, authority _____ on back page
*No analysis or analytical data given
Consents anal. by Hand of S well at this depth (see it)*

Company
 F. T. ... 2560
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Duplicate

9-185 July, 1918

DEPARTMENT OF THE INTERIOR
 UNITED STATES GEOLOGICAL SURVEY
 WATER RESOURCES BRANCH

Well Schedule: (Well no 1) (2) (3) (4) (5) *all in same strata not over 50 ft apart*

Date: *July 20* (6) (7) 1919 Field No. _____

Record by: *E. A. Stinson, Supr.* Office No. *LIS*

1. Location: State *Miss* County *Marion*
 Quadrangle *City of Aberdeen (Water Works Block)*
 1/4 sec. _____ T. _____ S. _____ R. _____ E. _____ W. _____

2. Owner: *City of Aberdeen* Address *Aberdeen, Miss*
 Driller: *E. A. Stinson* Cap. W. W. Address _____

3. Topography _____

4. Altitude *24* ft. above *surface* below _____

5. Type: Dug, drilled, driven, bored: *Drilled*

6. Depth: *140* ft. Date *1906* 1906

7. Diameter: top *4"* bottom *4"*

8. Chief Aquifer _____
 From _____ ft. to _____ ft. Others _____

9. Casing: Type *N. I. Pipe* Depth *120* ft., Diam. *0* to *120*
 Finish *in impervious clay just above water*

10. Water level: *24* ft. above _____ below _____

11. Pump: Type *Our compression* Capacity *12 x 14 x 12* G. M.
 Power: Kind *Clayton* Horsepower _____

12. Yield: Flow *no flow* G. M., Pump *250* each G. M., Mess., Rept. _____
 Drawdown _____ ft.; pumping _____ G. M.; time _____

13. Use: *Public supply* Dem., Stock, PS., RR., Ind., DW., Irr. _____ Quantity *2000* per day
 Adequacy, permanence *Adequate*

14. Quality: Good, fair, bad *Good* Sample Yes _____ No _____
 Taste, odor, color *Clear* Temp. _____ °F

Unfit for _____
 Sanitation _____

15. Cost: Well, \$ *100*; Plant (well, pump, power, etc.), \$ *57.637*³⁸
 Operating, \$ _____ per _____ inc. _____ exc. _____
 Log, analysis, authority *N. F. Stand State - Charleston* back page _____

ROBERTSON'S TEST FOR AMMONIA
 STATE CHEMIST

	Parts Per Million..
Total Dissolved Solids	161.40
Carbonic acid radicle	0.00
Bicarbonic acid radicle	141.52
Chlorine	16.00

This Water contains no free ammonia, no albuminoid ammonia and no nitrites. It carries only traces of iron and silica and magnesium, with very small amounts of sulphates a small amount of calcium and of course a considerable relative amount of sodium bicarbonate (cooking soda). It does not contain enough dissolved solids to be harmful in any way, and we see no reason why you should not be highly pleased with this water. It is a good soft water and we think it is well adapted for any kind of use. We cannot very frequently speak in such positive terms of water examined here. Awaiting your further kind favors, I am yours truly,

W. E. HAND
 STATE CHEMIST

to 16 ft shale & clay
 16 " 120 Impervious clay
 120 " 40 Water bearing sand