ID 313700089340501

WRD Exp. (GW)
April 1966

Well No. F15

E log # 48

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

GW09497
MASTER CARD DOH # 160001-01

PUNCHED AND VERIFIED ROLLA COMPUTATION BRANCH

Record by I | Source of data MSGS | Date 5-27-68 | Map Williamsburg

State Mississippi 656 28 | County (or town) Covington 33 41 | 1 16

Latitude: 31 37 00 N | Longitude: 089 34 05 | Sequential number: 1

Lat-long accuracy: 2 | T. 8 N, R 16 E Sec 36 NE NW ¼, Stu ¼, NE ¼, SW ¼ NE/NW/NE/SW B & M

Local well number: F01 5 A C 36 08 N 16 W | Other number:

Local use: 184048 | Owner or name: Cold Springs Water Assoc

Owner or name: COLD SPRINGS WA | Address:

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist — N

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

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (Φ) 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.: | Φ | Field aquifer char.

Hyd. lab. data:

Qual. water data; type: USGS 1/74 — C

Freq. sampling: | Pumpage inventory: yes / no, period:

Aperture cards: yes

Log data: E Log 10-902 MSGS MOCN — D E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD | Depth well: ft 826 | Meas. rept accuracy — 3

Depth cased: (first perf.) ft 785 | Casing type: ; Diam. 10x6 in — 6

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Φ) open end, (P) perf., screen, sd. pt., (S) shored, (T) open hole, (W) other — S

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other — H

Date Drilled: May 9 6 8 | Pump intake setting: ft

Driller: Griner Drlg. Service, name | Columbia, Miss. address

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple (cent.), (M) multiple (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other — T | Deep | Shallow

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P 20 — V | Trans. or meter no.

Descrip. MP ½" vent hole in base at 2.0 ft above below LSD | Alt. MP

Alt. LSD: 370 390 370 | Accuracy: 395 12/0181 (source) Eng — 4

Water Level ft above below MP; Ft above below LSD 157 | Accuracy: 1580 60# — D

Date meas: 5 6 8 | Yield: gpm 150 | Method determined

Drawdown: ft | Accuracy: | Pumping period hrs

QUALITY OF WATER DATA: Iron ppm | Sulfate ppm | Chloride ppm | Hard. ppm

Sp. Conduct 200 K x 10^6 | Temp. °F 230 | Date sampled 17+

Taste, color, etc. pH=7.5

12/3/81
180
.90
179.10
2.0
177.10

395
177
218

F15

Well No. F-15

Latitude-longitude N S d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD [19] Physiographic Province: [03] [20 21] Section: [ ]

[D] [22] Drainage Basin: [13N] [23 25] Subbasin: [ ] [26]

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

MAJOR AQUIFER: [ ] system, [ ] series [TM] [28 29] [ ] aquifer, formation, group [MZ] [30 31]

Lithology: [ ] [US] [32 33] Origin: [ ] [3] [34] Aquifer Thickness: [ ] ft

[40] [35 37] Length of well open to: [ ] ft [41] [38 40] Depth to top of: [ ] ft [786] [41 43]

MINOR AQUIFER: [ ] system, [ ] series [ ] [44 45] [ ] aquifer, formation, group [ ] [46 47]

Lithology: [ ] [ ] [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: [ ]

Depth to consolidated rock: [ ] ft [ ] [60 63] Source of data: [ ] [64]

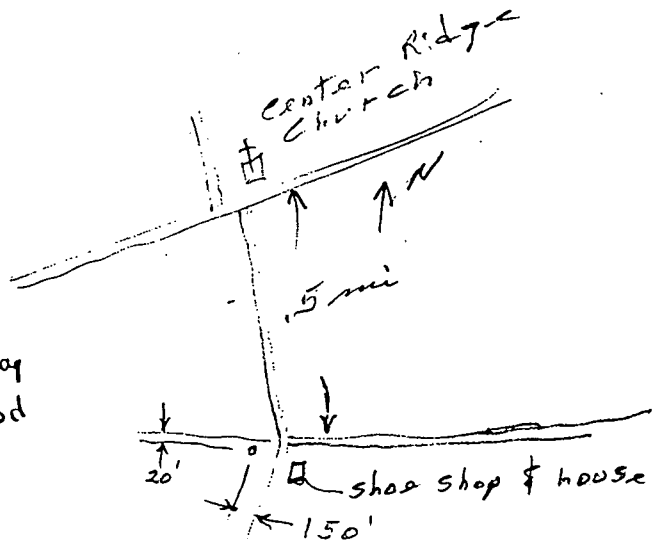
Depth to basement: [ ] ft [ ] [65 68] Source of data: [ ] [69]

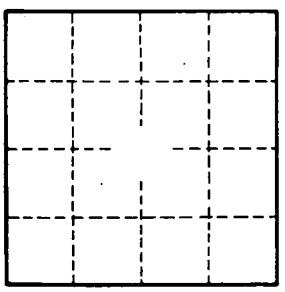
Surficial material: [ ] [70 71] Infiltration characteristics: [ ] [72]

Coefficient Trans: [ ] gpd/ft [ ] [73 75] Coefficient Storage: [ ] [ ] [76 78]

Coefficient Perm: [ ] gpd/ft^2; Spec cap: [ ] gpm/ft; Number of geologic cards: [ ] [79]

0-10 Soil
10-402 Clay
402-515 Sd
515-535 Clay
535-570 Sd
570-674 Clay
674-745 Sd
745-785 Clay
785-926 Sd
926-902





Well No. F-15

Hadd @ 158gpm

10" to 765'

41 785

GPO 857-700

CODED CODED CODED CODED

Covington
715
5-27-68
M.G.S.

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

6W 9497 D

WATER WELL DRILLERS LOG

CODED CODED

5-27 1968 Griner Drlg. Ser. Covington
date well completed | firm name | county well located

LANDOWNER: Cold Springs water association
Cold Springs, Miss.
(mailing address)

WELL LOCATION: SW NE SW
sec. 36 T 8 N/S R 16 E/W
1 (distance) miles S (direction) of Collins (nearest town)

WELL PURPOSE: Municipal
(home, irrigation, municipal, industrial)

WELL COMPLETION DATA:

(1) diameter (inches) 10 3/4"
(2) total depth (feet) (726' ?826'
(3) static water level (feet) 157' below/above top of ground.
(4) casing Steel (material), 765' (depth)
_____ (size) if telescope see back.
(5) screen 41' (length), 785' (depth to top)
6" (size), Stainless Steel (material)
(6) pump 20 (HP) 150 (yield gpm)
Electric (type power)
(7) electric log Yes (yes or no) #48
M. G. S. (organization running log)
(8) how well bottom plugged Sand Wash Tested.

DRILLERS REMARKS:

description of formations encountered	from	to
Top Soil	0'	10'
Clay	10'	402
Sand	402'	515
Clay	515'	535
Sand	535'	570
Clay	570'	674
Sand	674'	745'
Clay	745'	785
Sand	785'	826
Clay	826'	902

CODED CODED CODED

MISS. BD. OF WATER COMM.

Well #1

RECEIVED

JUL 15 1999

Dept of Environmental Quality
Office of Land & Water Resources

APPLICATION FOR PERMIT TO DIVERT OR WITHDRAW FOR BENEFICIAL USE THE PUBLIC WATERS OF THE STATE OF MISSISSIPPI

DEPARTMENT OF ENVIRONMENTAL QUALITY, OFFICE OF LAND AND WATER RESOURCES

P.O. BOX 10631, JACKSON, MS 39289-0631; (601) 961-5202

This box is for office use only. 11-23-99 AGN. FORM OLWR-AP-2 (REV. 9/94)

Issued: 1-9-1990	Expires: 11-23-2009	Fee Paid: X	Permit No.
Lat. 31 36 56	Long. 89 33 50	Elev. 395	USGS No. F-15
Quad. Williamsburg	ASCS Farm No.	STAC.	MSDOH No. 16 0001 -01
Aquifer: MOCN	Tract No.		Basin No.
Remarks:			Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): **NEW PERMIT** **RENEWAL** **PERMIT NO** GW 009497

THIS APPLICATION IS FOR (Circle one): **GROUNDWATER - COMPLETE A,B,E**

SURFACE WATER - COMPLETE A,C,D,E

BENEFICIAL USE (Circle one or more): 1) Public Supply - Municipal, Rural Water, or Private Water 2) Irrigation 3) Industrial 4) Fish Culture 5) Recreation 6) Institutional (eg. Church, School) 7) Commercial (eg. Hotel, Casino, Restaurant) 8) Fire Protection 9) Livestock 10) Flood Protection 11) Other: _____

SECTION A (to be completed by ALL APPLICANTS)

LANDOWNER: Cold Springs Water Association (Name) 64-0471042 (SSN or Tax ID No.)

Rt 2 (Address)

Collins MS 39428 (601) 765-3367 (City) (State & Zip) (Telephone No.)

APPLICANT, AGENT, OR LESSEE (if different from Landowner):

NO MAP sent

_____ (Name) _____ (SSN or Tax ID No.)

_____ (Address)

_____ (City) _____ (State & Zip) (___) _____ (Telephone)

Well #1

Location of diversion/withdrawal point (A suitable map with location marked must accompany this application):

NE 1/4 of the SW 1/4 of Section 36, Township 8 N, Range 16 W, County Covington

Does the land to which this application pertains have any source(s) of water other than that for which you are now applying (circle one)? YES NO If yes, describe the nature and amount of any additional supply and, if applicable, list permit number. GW-09498

SECTION B (to be completed for GROUNDWATER SOURCE)

1. **AQUIFER:** Catahoula Formation **MISSISSIPPI DEPARTMENT OF HEALTH NO.:** PWD-16-0001
2. Proposed work will begin on _____, 19____, and will be completed by _____, 19____. If well has already been drilled, when was well completed (date)? _____, 19____. Under whose name was well originally drilled (if known)? _____
3. Description of proposed or completed well:
   (a) DEPTH OF WELL: 820 feet. DRILLER: Griner Drilling Services
   (b) SURFACE CASING: Length 760 feet; Diameter 6 inches; Type Steel 6601bs/.280 wall casing
   (c) SCREEN: Length 41 feet; Diameter 6" inner / 10" outer inches; Type Stainless Steel
   (d) PUMP: Type 20HP Deep well 1750 RPM; Size _____; Capacity 150 gallons per minute; Setting depth 220 feet
   (e) POWER UNIT: Type _____; Size _____ horsepower
4. **PERMITTED VOLUME:**
   (a) N/A acre-feet per year at a maximum rate of N/A gallons per minute
   (b) .09 0.06 million gallons per day at a maximum rate of 150 gallons per minute

.9/1 M³ 7/27/99 150

(CONTINUED ON BACK)

SECTION C (to be completed for SURFACE WATER SOURCE) N/A

1. Source of water is from _____ which drains into _____
   which drains into _____.
   (major stream or river)
2. Discription of pump/diversion works:
   Pump (size & type): _____ Power Unit (size & type): _____
   Lift: _____feet Maximum capacity: _____gallons per minute
3. _____acre-feet per year at a maximum rate of _____gallons per minute

SECTION D (to be completed for SURFACE WATER IMPOUNDMENTS {DAMS} on continuously flowing streams)

1. Name of storage reservoir: N/A Dam Height: _____feet
2. Surface area at normal pool: _____ Storage capacity at normal pool: _____acre-feet

SECTION E WATER USE DATA (ALL APPLICATIONS - complete section related to beneficial use)

1. **IRRIGATION**: List the number of acres of each crop to be irrigated: Rice_____; Cotton_____; Oats_____;
   Corn_____; Soybeans_____; Pasture_____; Truck_____; Wheat_____; Grain Sorgum_____;
   Other (specify)_____Acres_____
   A. Method of Irrigation (circle one) - **Center Pivot** **Flood** **Furrow**
   B. Land Condition (circle one) - **Precision Land Formed** **Smoothed** N/A
   C. ASCS Farm No._____ **Tract No.**_____
2. **FISH CULTURE**: Explain how water will be used: N/A
   How often will reservoir (s) be emptied and refilled?
3. **MUNICIPAL, WATER ASSOCIATION, or PRIVATE WATER SYSTEM**
   Chose "a" or "b". (a) The number of people served is 650 or (b) The number of connections is 258
   What is the estimated average daily consumption during periods of maximum use at the end of each five-year period during the next twenty (20) years? N/A
   (Volume) (Year) (Volume) (Year) (Volume) (Year) (Volume) (Year)
4. **INDUSTRIAL** : If the water is to be released into a watercourse, indicate the amount released each year N/A;
   Rate of release _____; NPDES Permit No. _____
   Explain any changes in quality of water to be released: _____
   Explain how water will be used: _____
   How much groundwater will be used for once-through non-contact cooling? _____
5. **RECREATION**: Explain how water will be used: N/A
6. **OTHER USE**: Explain in detail (if needed, attach another page): N/A
7. **REMARKS**: _____

List below the person to be contacted for additional information if required.

Shawn Dickens
(Name)
PO Box 185
(Address)
Seminary MS 39479
(City, State, Zip)
601-583-2671/765-3867
(Telephone)

The accompanying map is hereby declared a part of this application.
For irrigation and fish culture use, an ASCS photograph is required.
The **TEN DOLLAR ($10.00) permit fee** is enclosed herewith.

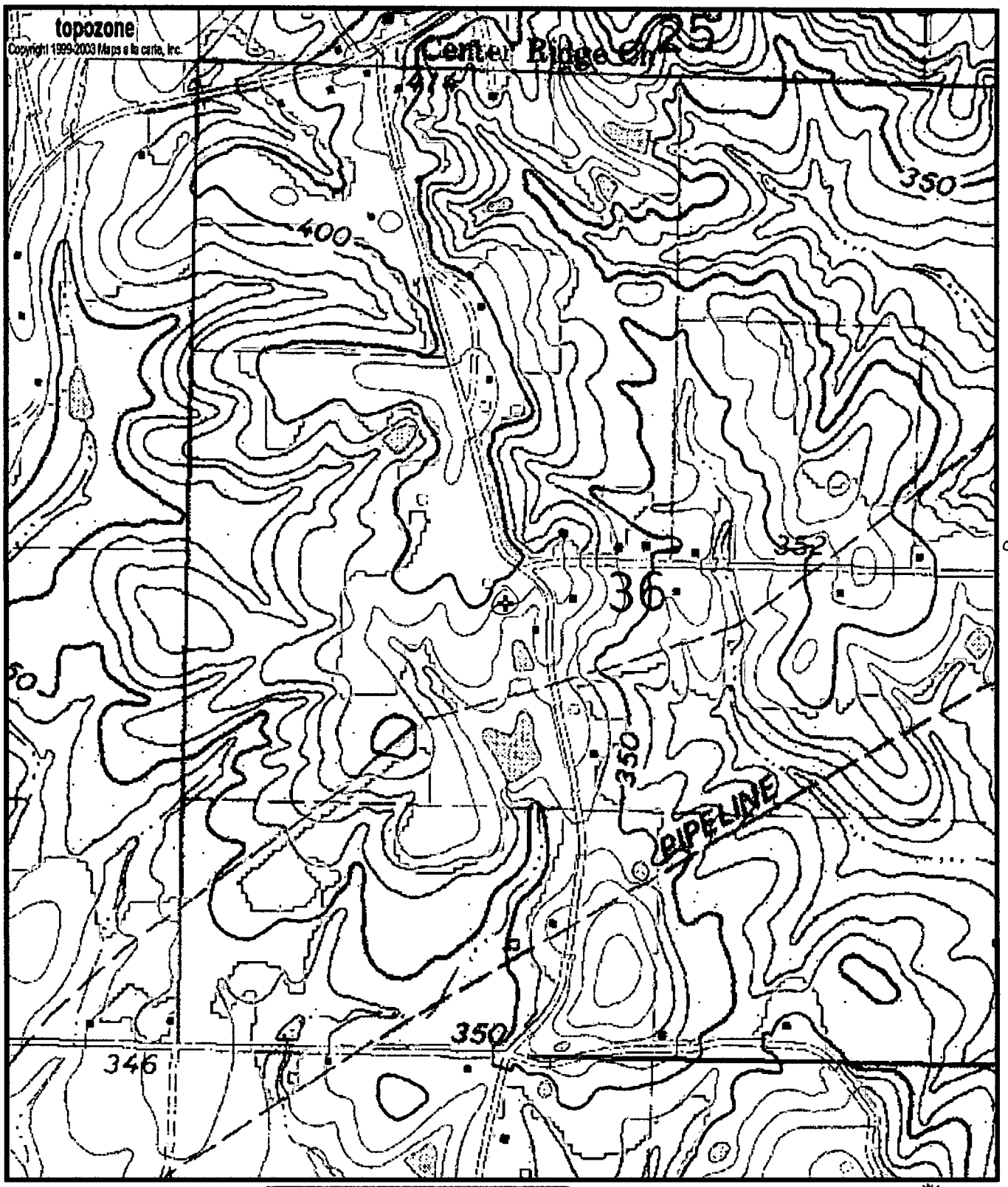
Shawn Dickens
(Signature)

Subscribed and sworn to before me this 14th day of July, 1999, at Hattiesburg County of Forrest

My commission expires: _____ Diann Dearman Notary Public.

MISSISSIPPI STATEWIDE NOTARY PUBLIC
MY COMMISSION EXPIRES FEB. 1, 2003
BONDED THRU STEGALL NOTARY SERVICE


3047 II NE
(COLLINS)
JACKSON (I-20) 62 MI.
COLLINS 1.6 MI.
32'30"
35'
258
Center Ridge Ch
Cem
Cold Springs Ch
Gravel Pit
PIPELINE
McDonalds Ch
Cedar Valley Ch
Kelly
Hemeter Cem
Liberty Ch
Big
Mt Horeb Ch
Bullock Cem
Swamp



0160001-01
GW09497
F15

0 0.1 0.2 0.3 0.4 0.5 km

0 0.09 0.18 0.27 0.36 0.45 mi

Map center is 31° 36' 58"N, 89° 33' 51"W (WGS84/NAD83)
Williamsburg quadrangle
Projection is UTM Zone 16 NAD83 Datum

M=0.047
G=-1.345

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hornbeak DATE: 7/19/96

UNIT DEQ #: 82859 FILE #: B071921B

HEALTH DEPT. #: 160001-01 ELEV. 395

USGS #: F-15 OLWR #: MS-GW-09497

OWNER: Cold Springs Water Assoc. QUAD: Williamsburg

LOCATION: SW-NE-SW S 36 T 8N R 16W COUNTY: Covington

LOCATION DESCRIPTION: At Standpipe Tank at Intersection of Mayfield Rd. & Pearman Rd. (SW of Collins)

CASING DIA: 10" PUMP TYPE & SIZE: Elec. 20 HP

GPS FIELD LOCATION: LAT. 31° 36' 58.8" LONG. 89° 33' 50.5"

GPS CORRECTED LOCATION: LAT. 31.61606318 LONG. 89.56422395

REMARKS: GPS at Well.
(Well is South of Standpipe Tank.)
(In Separate fence)