T/ADP GW00498 Data # 160001-02 29 FX

1/81 WTO

Recorded by WTO

Date 9/5/82

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT
WELL RECORD

291D

Well No. 29

E-Log No 79

County Covington

GEN. SITE DATA

Site ID 5 3 1 3 6 2 7 0 8 9 3 3 5 4 0 1 19 | R=0* | T= A * | 2=W*

Dist. 6=28* | 7=28* | Co. 8=03 29 *

Data reliab. 3=C * | Report. agency 4=USGS*

Lat. 9=3 1 3 6 2 7 * | Long. 10=0 8 9 3 3 5 4 * | Well No. 12=F 0 0 1 *

Location 13=NW NW NE SW S 36 T 08 N R 16 W * | Alt. 16=402.✓ *

Hyd. Unit(OWDC) 20= * | Date 21=0 8 / 3 0 / 1 9 8 2 *

Well use 23=W * | Water Use 24=P * | Hole depth 27=852. * | Well depth 28=841. *

WL 30=189. * | Date 31=0 3 / 0 4 / 1 9 8 3 * | Source 33=D *

Status 273= * | Project No. 5= * | WA MOCN

OWNER

R=158* | T= A * | Date 159#0 3 / 0 4 / 1 9 8 3 * | Owner No.

Owner 161#C O L D S P G S W A *

FIELD OW

R=192* | T= A * | Date 193# / / * | Temp. 196#00010* | 197= .

R=192* | T= A * | Date 193# / / * | Cond. 196#00095* | 197= .

R=192* | T= A * | Date 193# / / * | pH 196#00400* | 197= .

CONSTR.

R=58* | T= A * | 59# 1* | Date 60=0 3 / 0 4 / 1 9 8 3 * | Remarks

Drlg. 63=0 2 8 * | Name C.P. Clark | Method 65=H * | Finish 66=S *

CASING

R=76* | T= A * | 59#1* | Top csgn. 77# 0. * | Bot. csng. 78=7 9 4. * | Diam. 79# 8. *

R=76* | T= A * | 59#1* | Top csng 77# 7 4 9. * | Bot. csgn. 78=7 9 4. * | Diam. 79# 6. *

OPENINGS

R=82* | T= A * | 59#1* | Top 83# 8 0 0. * | Bottom 84=8 4 1. *

Type 85=S * | Diam. 87=6. * | Size 88= . *

R=82* | T= A * | 59#1* | Top 83# . * | Bottom 84= . *

Type 85= * | Diam. 87= . * | Size 88= . *

0 | 150=1 5 9. * | Q/S 272= .

LIFT

R=42* T= A * Lift type 43# T * Intake 44= * Power type 45= E *

Date 38= 03/04/1983 * H.P. 46= 20. *

LOGS

R=198* T= A * Log 199# E * Top 200= 50. * Bot 201= 852. *

R=198* T= A * Log 199# D * Top 200= 0. * Bot 201= 852. *

R=189* T= A * E Log No. 190# 079 * 191= M I S S D I S S *

ANAL.

R=114* T= A * Year 115# * 117= * 120= *

AQUIFERS

R=90* T= A * 256# 1 * Top 91= * Bot 92= *

Unit ID 93= 122MOCN * Name of Unit

R=90* T= A * 256# 1 * Top 91= * Bot 92= *

Unit ID 93= * Name of Unit

HYDRAULICS

R=98* T= A * 99# 1 * Unit tested 100= * 103= *

R=105* T= A * 99# 1 * Test No. 106# *

107= * Transmissivity (gal/d)/ft

108= * Hydraul. cond. (gal/d)/ft^2

110= * Storage coeff. Boundaries

R=121* T= * Yr Begin 122# * Network 258 # *

Water Level Data Collection (1)

description of formations encountered	from	to
[illegible]	0	8
[illegible]	8	11
[illegible]	11	32
[illegible]	32	163
[illegible]	163	179
[illegible]	179	184
[illegible]	184	187
[illegible]	187	224
[illegible]	224	241
[illegible]	241	241½
[illegible]	241½	248
[illegible]	248	253
[illegible]	253	342
[illegible]	342	399
[illegible]	399	435
[illegible]	435	436
[illegible]	436	442
[illegible]	442	469
[illegible]	469	491
[illegible]	491	539
[illegible]	539	550
[illegible]	550	556
[illegible]	556	558
[illegible]	558	568
[illegible]	568	617
[illegible]	617	646
[illegible]	646	696
[illegible]	696	710
[illegible]	710	738
[illegible]	738	792
[illegible]	792	812
[illegible]	812	841
[illegible]	841	852

U.S. DEPT. OF INTERIOR, BUREAU OF LAND & WATER RESOURCES

COVINGTON
F19
3-4-83
Elog #79

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

CODED

WATER WELL DRILLERS LOG

March 4 date well completed 19 83 C.P. Clark Water Wells firm name Covington county well located

LANDOWNER: Cold Springs Water Assn Well #2
Route 4 Collins, Miss. (mailing address)

WELL LOCATION:
sec. 36 T 8 N R 16 W
2 (distance) miles 5 (direction) of Collins (nearest town)

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

WELL COMPLETION DATA:
(1) diameter (inches) 8
(2) total depth (feet) 845
(3) static water level (feet) 184 below top of ground above
(4) casing inside coated steel (material), 794' (depth)
6 (size) if telescope see back.
(5) screen 41' (length), 800' (depth to top)
6" (size), Stainless steel (material)
(6) pump 20 (HP) 159@56 psi (yield gpm)
230V3ϕ (type power)
(7) electric log yes (yes or no)
Bureau of Geology (organization running log)
(8) how well bottom plugged BW

DRILLERS REMARKS:

description of formations encountered	from	to
Red clay	0	8
Clay w/sandy streaks	8	11
Sandy sand pebble gravel	11	32
Red clay w/pink streaks	36	163
Sandy clay	163	179
Sand	179	187
Clay	187	224
Clay w/sand streaks	224	241
Rock	241	241½
Clay w/hard streaks	241½	248
Sandy clay	248	253
Clay w/sand clay strks	253	342
Hard brittle clay	342	349
Sand w/lig. streaks	349	435
Clay	435	436
Sand w/clay streaks	436	462
Hard rock	462	469
Sand and clay mixed	469	491
Sand & clay w/hard strks	491	539
Hard gummy clay	539	550
Rock, very hard & tight	550	556
Clay, mix hard	556	558
Sandy clay w/hard strks	558	568
Hard rock layers w/ sandy clay streaks	568	588
V. hard clay and rock	588	617
Rock, lignite, med. hard		
to hard w/sandy strks	617	646
Gummy clay w/soft strks	646	696
Sandy clay	696	710
Sand, sandy clay & clay	710	738
Sandy clay & clay	738	797
Sand w/streaks clay	797	812
Sand	812	841
Clay	841	857

DEPT. OF NATURAL RESOURCES
BUREAU OF LAND & WATER RESOURCES

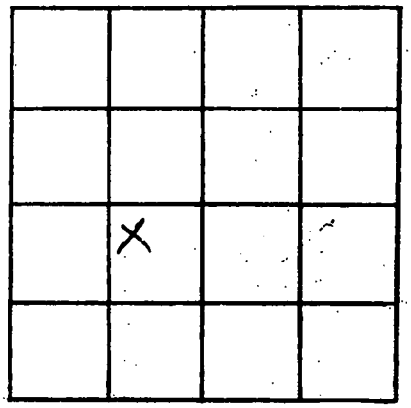
MAR 28 1983

RECEIVED

(D)

If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION 36

Please indicate well location X.

Seal → Top of lap @ 749'

Casing to 794'

41' of 6" PS SSS 800'-841'

2½' stinger

Fig "T" BWW @ 845'

ADDITIONAL INFORMATION

If more than one screen, show locations of each on sketch.

Well #2

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. 31.3659	Long. 893352	Elev. 405	USGS No. FZ9
Quad. Williamsburg	ASCS Farm No.	STAC.	MSDOH No. 160001-02
Aquifer: MOCN	Tract No.		Basin No.
Remarks:			Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): **NEW PERMIT** **RENEWAL - PERMIT NO.** GW 009498

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

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

No map sent

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

_____ (Address)

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

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 16W, 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-009497

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: 841 feet. DRILLER: C.P Clark Water Well
   (b) SURFACE CASING: Length 800 feet; Diameter 8 inches; Type Steel 16.01lbs/322 wall casin
   (c) SCREEN: Length 41 feet; Diameter 10" outer/6" inner inches; Type Stainless
   (d) PUMP: Type 20HP Deep Well; Size 1750RPM; 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) ~~.07~~ 0.06 million gallons per day at a maximum rate of 150 gallons per minute

.07 M³ 7/27/99

(CONTINUED ON BACK)

150

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) N/A

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**
   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**: Rural water system to furnish households in rural community.

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

Sharon Dickens
(Name)
PO Box 185
(Address)
Seminary MS 39479
(City, State, Zip)
601-583-2671 / 765 3367
(Telephone)

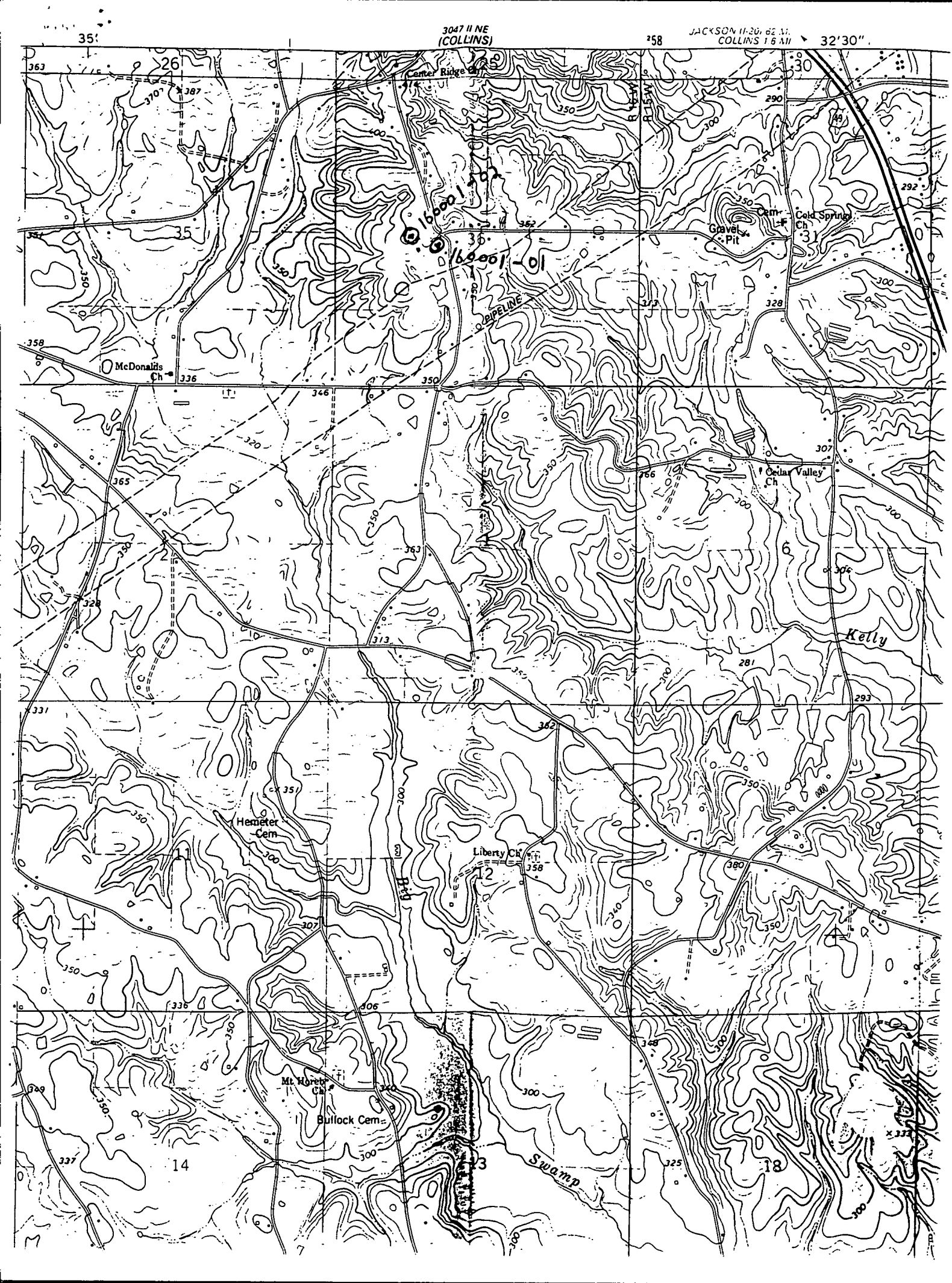
The accompanying map is hereby declared a part of this application.
For irrigation and fish culture use, an ASCS photograph is required.
The **TEN DOLLAR ($10.00) permit fee** is enclosed herewith.

Sharon 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 II-30' 62 Mi.
COLLINS 1 6 Mi
32'30"
Center Ridge Ch
Gravel Pit
Cem
Cold Spring Ch
McDonalds Ch
PIPELINE
Cedar Valley Ch
Kelly
Hemeter Cem
Liberty Ch
Big
Mt. Horeb Ch
Bullock Cem
Swamp
R.15W.
16001-01

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

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

UNIT DEQ #: 82859 FILE #: B071921A

HEALTH DEPT. #: 160001-02 ELEV. 405

USGS #: F-29 OLWR #: MS-GW-09498

OWNER: Cold Springs Water Assoc. QUAD: Williamsburg

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

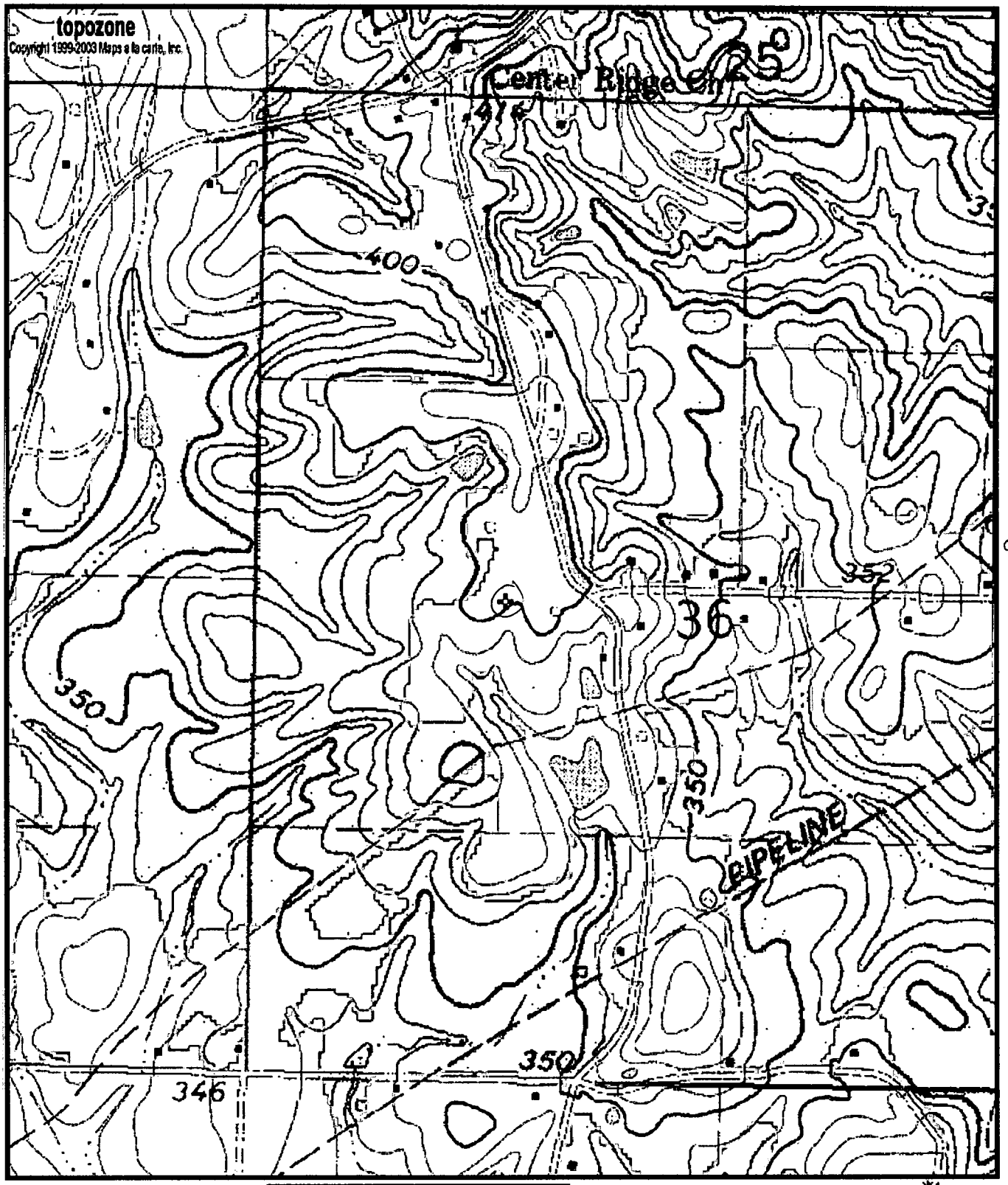
LOCATION DESCRIPTION: AT Stand Pipe Tank at Intersection of Mayfield Rd & Dearman Rd. (SW of Collins)

CASING DIA: 8" PUMP TYPE & SIZE: 20 HP Elec.

GPS FIELD LOCATION: LAT. 31° 37' 01.6" LONG. 89° 33' 55.6"

GPS CORRECTED LOCATION: LAT. 31.61649231 LONG. 89.56543903

REMARKS: GPS at Well.
(Well is West of Stand Pipe Tank.)



0160001-02
GW09498
F29

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' 59"N, 89° 33' 55"W (WGS84/NAD83)
Williamsburg quadrangle
Projection is UTM Zone 16 NAD83 Datum

M=0.048
G=-1.346