ID 313904089335601

GW00264
DOH # 160012-08

WRD Exp. (GW)
April 1966

Well No. F3

WELL SCHEDULE

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

REPLACEMENT ✓

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

MASTER CARD

Record by PEG-WTO Source of data Date 8-6-65 Map Collins

State 04 County (or town) Covington 16

Latitude: 31 39 45 N Longitude: 089 34 17 Sequential number: 1

Lat-long accuracy: 2 T. 8 S, R 16 E Sec 13 24 NW NW

Local well number: F003CC1308N16W Other number: B & M NE/SE/NW/NW

Local use: 064 567 37 Owner or name: Collinswood Proc. Plant

Owner or name: SANDERSONS FARM 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 IN N

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. Z

Hyd. lab. data:

Qual. water data; type: USGS Complete 4-27-66 C

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

Aperture cards: CTHLD yes

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: ft 741 Meas. rept accuracy G

Depth cased; (first perf.) ft 675 Casing type: Diam. in 12

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, (Z) other G

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: 9 6 4 Pump intake setting: ft

Driller: Layne Central (name), Jackson (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. V Trans. or meter no.

12/3/81
60
5.68
5.32
2.0
52.32

Descrip. MP 1" unit at 2.0' 290 ft above below LSD Alt. MP

Alt. LSD: 225 Accuracy: (source) 285 12/3/81 6

Water Level ft above below MP; ft above below LSD 21 Accuracy: B

Date meas: 8 6 5 Yield: gpm 500 Method determined

85
57
233

Drawdown: ft Accuracy: Pumping period hrs 1

QUALITY OF WATER DATA: Iron .12 ppm Sulfate 11 ppm Chloride 3.6 ppm Hard. 13 ppm

Sp. Conduct 210 K x 10^6 2 Temp. °F 72 Date sampled 4 6 6

Taste, color, etc. Lab- Iron 0.12 ppm; Sp Cond 257

Well No. T W

Well No. F3

Latitude-longitude: N S d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) 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, (◊) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat _____ (27) H

MAJOR AQUIFER: _____ system, _____ series TM (28–29) _____ aquifer, formation, group CA (30–31)

Lithology: _____ US (32–33) Origin: _____ 3 (34) Aquifer Thickness: <80 ft

80 (35–37) Length of well open to: _____ ft (38–40) Depth to top of: _____ ft (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: _____

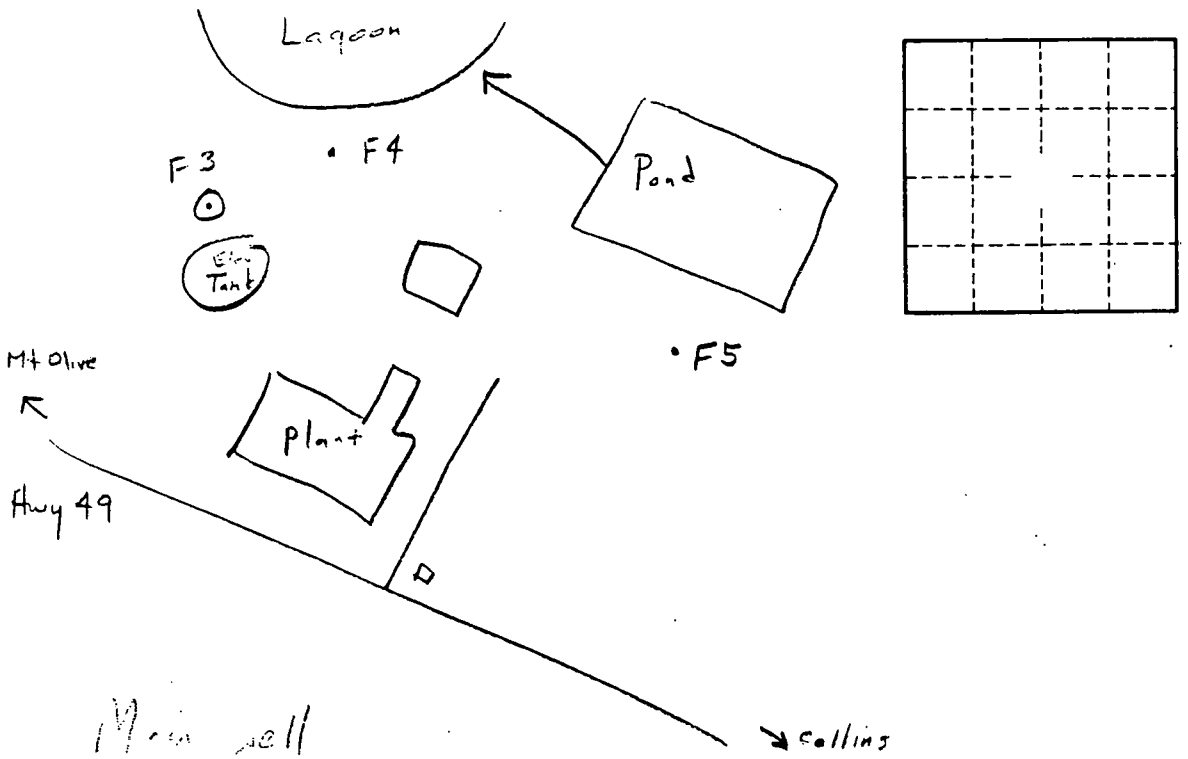
Depth to consolidated rock: _____ ft (60–63) Source of data: _____ (64)

Depth to basement: _____ ft (65–68) Source of data: _____ (69)

Surficial material: _____ (70–71) Infiltration characteristics: _____ (72)

Coefficient Trans: 80,000 gpd/ft (73–75) Coefficient Storage: _____ (76–78)

Coefficient Perm: >1000 gpd/ft²; Spec cap: 37 gpm/ft; Number of geologic cards: _____ (79)



Well No. TW

GPO 857–700

Pump # 3 Pump plant #4004

RECEIVED
JAN 23 1995
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. 3-14-95 AGN.

FORM OLWR-AP-2 (REV. 9/94)

Issued: 7-9-85	Expires: 7-9-2005	Fee Paid: X	Permit No. GW-00264
~~Lat.~~ 31 39 15	~~Long.~~ 89 34 17	Elev. 285	USGS No. F003
Quad. Collins	ASCS Farm No.	STAC.	MSDOH No.
Aquifer: CTHL	Tract No.		Basin No. 03170004
Remarks:			Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): **NEW PERMIT** **(RENEWAL - PERMIT NO.)** MS-GW-00264

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: Sanderson Farms, Inc. Collins Processing Division (Name) 640652591 (SSN or Tax ID No.)

Old Highway 49 North (Address)

Collins, (City) Mississippi 39428 (State & Zip) (601) 765 - 8211 (Telephone No.)

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

Same (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):

NW 1/4 of the NW 1/4 of Section 24, Township 8N, 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. _____

SECTION B (to be completed for GROUNDWATER SOURCE)

1. **AQUIFER:** Miocene (Specifically Catahoula) **MISSISSIPPI DEPARTMENT OF HEALTH NO.:** 12-03
2. Proposed work will begin on _____, 19____, and will be completed by _____, 19____.
   If well has already been drilled, when was well completed (date)? March, 19 64. Under whose name was well originally drilled (if known)? MFC (Mississippi Federated Co-Ops).
3. Description of proposed or completed well:
   (a) DEPTH OF WELL: 749 feet. DRILLER: Lane Central, Jackson, Mississippi
   (b) SURFACE CASING: Length 667' feet; Diameter 12" inches; Type Welded Steel
   (c) SCREEN: Length 60' feet; Diameter 8" inches; Type St. Steel Shutter
   (d) PUMP: Type Vert. Turbine Size 10"; Capacity 720 gallons per minute; Setting depth 140 feet
   (e) POWER UNIT: Type ~~Peabody Floway (Hollow Shaft)~~ Size 50 horsepower
4. **PERMITTED VOLUME:**
   (a) _____ acre-feet per year at a maximum rate of _____ gallons per minute
   (b) ~~.192~~ 0.11 million gallons per day at a maximum rate of 720 gallons per minute

(CONTINUED ON BACK)

SECTION C (to be completed for **SURFACE WATER SOURCE**)

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: _____ 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**
   C. ASCS Farm No._____ **Tract No.**_____
2. **FISH CULTURE**: Explain how water will be used: _____
   How often will reservoir (s) be emptied and refilled? _____
3. **MUNICIPAL, WATER ASSOCIATION,** or **PRIVATE WATER SYSTEM** (Non-Community Private Water System)
   Chose "a" or "b". (a) The number of people served is 1150 or (b) The number of connections is _____
   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? 1,000,000 (Volume) 95 (Year); 1,000,000 (Volume) 2000 (Year); 1,000,000 (Volume) 2005 (Year); 1,000,000 (Volume) 2010 (Year)
   * 5 day work week
4. **INDUSTRIAL** : If the water is to be released into a watercourse, indicate the amount released each year 69,000,000 gallon
   Rate of release 191,600 Gal/Day; NPDES Permit No. MS# 0002089
   Explain any changes in quality of water to be released: Water is released as waste water under N.P.D.E.S.permit
   Explain how water will be used: _____
   How much groundwater will be used for once-through non-contact cooling? N/A
5. **RECREATION**: Explain how water will be used: _____
6. **OTHER USE**: Explain in detail (if needed, attach another page): N/A
7. **REMARKS**: The total water usage on question # 4 (Front Page) is 575,000 gal/day.
   We estimate each well to produce about 1/3 of total or 192,000 gal/day.

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

Todd B. Hinton
(Name)

P.O. Box 1329
(Address)

Collins, MS. 39428
(City, State, Zip)

(601)765-8211 Ext. 272
(Telephone)

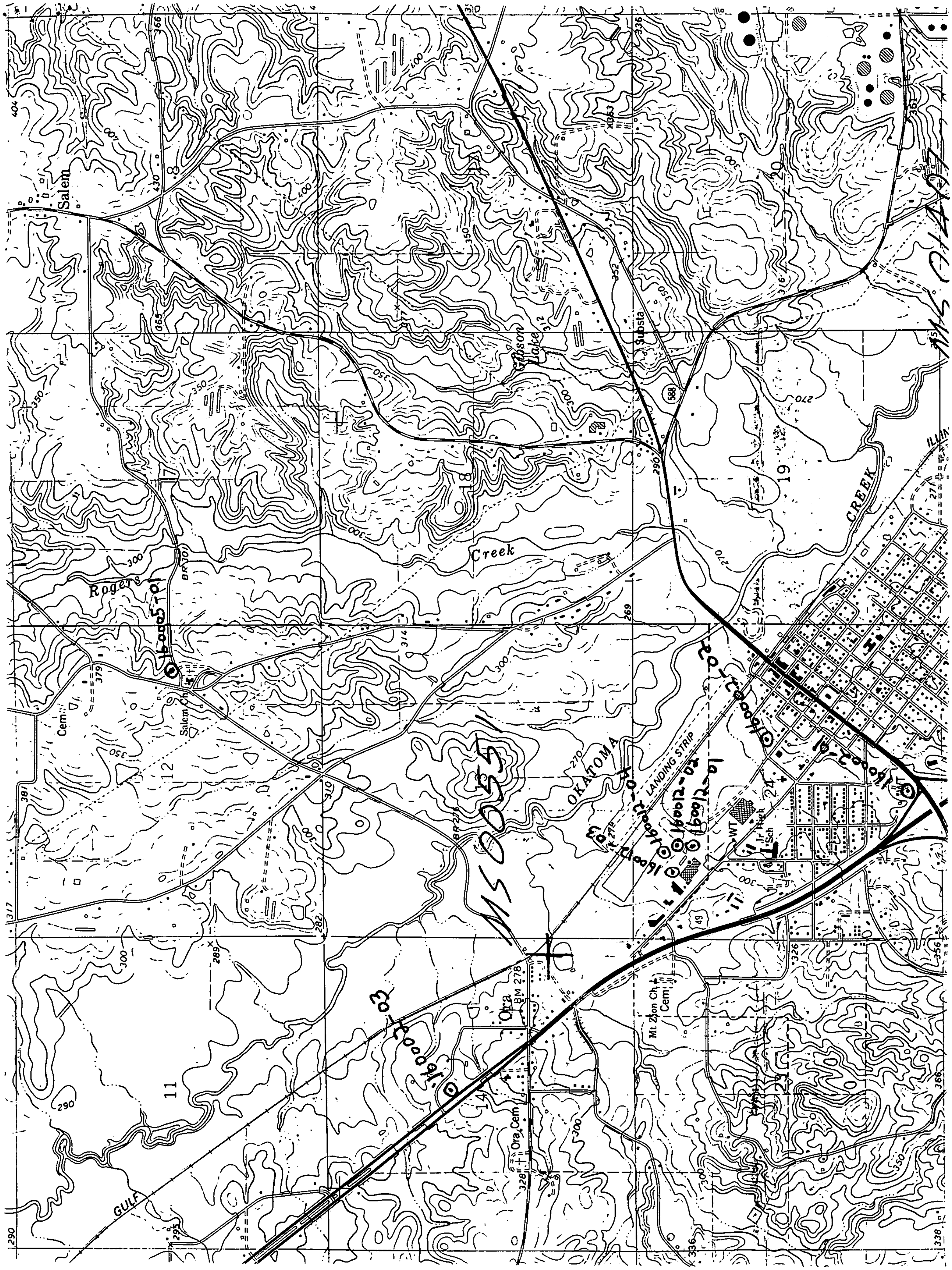
The accompanying map is hereby declared a part of this application.
For irrigation and fish culture use, an ASCS photograph is required.
The **TEN DOLLAR ($10.00) permit fee** is enclosed herewith.

Todd B. Hinton
(Signature)

Subscribed and sworn to before me this 19th day of January, 1995, at Collins County of Covington

My commission expires SARAH BATTE, NOTARY PUBLIC COVINGTON COUNTY, STATE OF MISSISSIPPI MY COMMISSION EXPIRES 4/17/96

Sarah Batte Notary Public.



Salem
8
20
Gibson Lake
Substa
588
19
18
Creek
Rogers
CREEK
Salem Ch
Cem
12
OKATOMA
LANDING STRIP
24
WT
Jr High Sch
49
Ora
BM 278
Mt Zion Ch
Cem
11
14
Ora Cem
GULF
MS0055
16005-01
16000-02
16000-03

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hornbeak DATE: 7/18/96

UNIT DEQ #: 82859 FILE #: B071821A

HEALTH DEPT. #: 160012-03 ELEV. 285

USGS #: ?F-3 OLWR #: MS-GW-00264

OWNER: Sanderson Farms Poultry QUAD: Collins

LOCATION: NE-NW-NW S 24 T 8N R 16W COUNTY: Covington

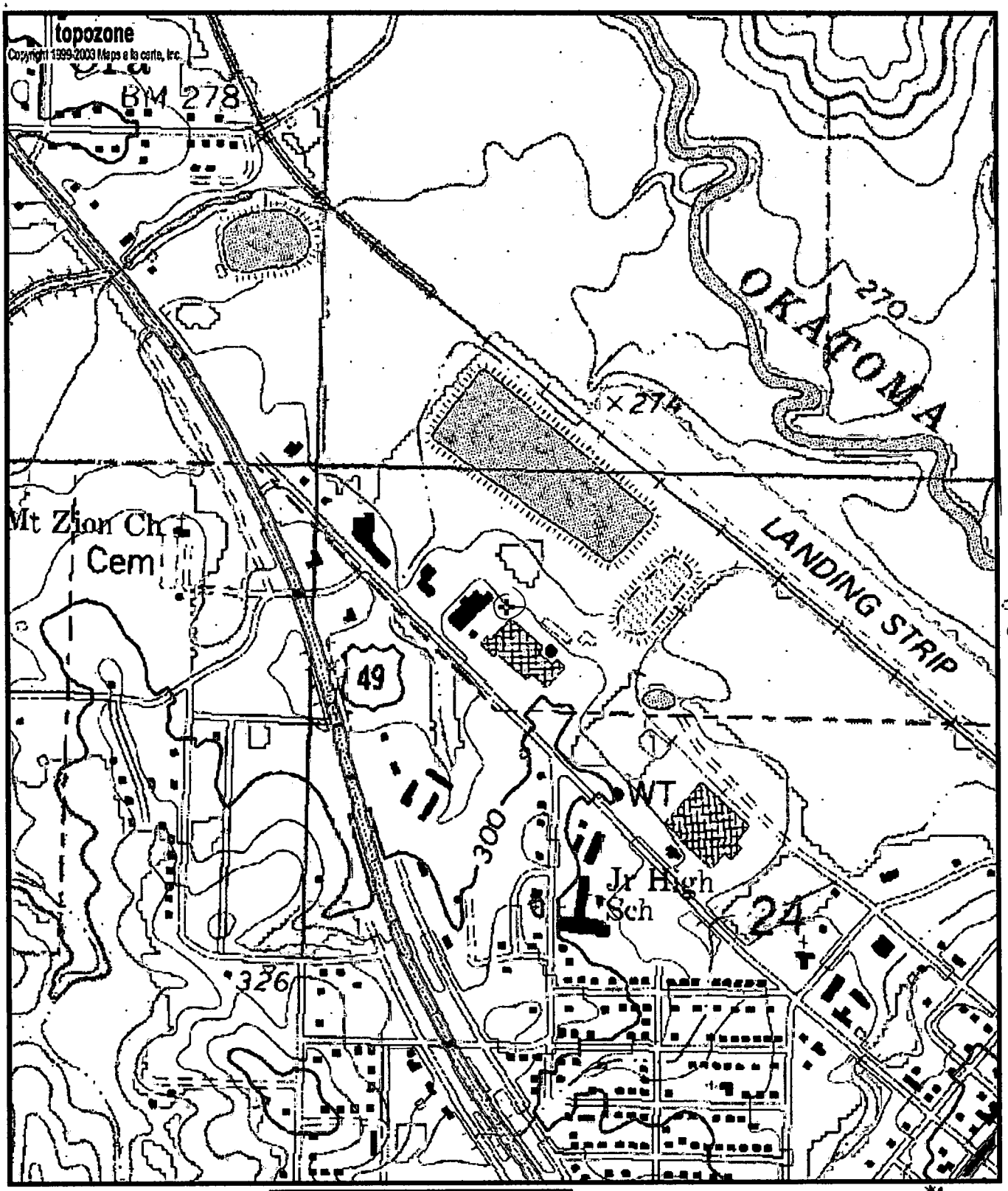
LOCATION DESCRIPTION: At Sanderson Farms Plant on old Hwy 49 N Collins. Well is at NE Corner of Plant.

CASING DIA: _____ PUMP TYPE & SIZE: Elec. (Cannot read HP Tag has been Painted)

GPS FIELD LOCATION: LAT. 31° 39' 02.4" LONG. 89° 33' 58.5"

GPS CORRECTED LOCATION: LAT. 31.65112929 LONG. 89.56651007

REMARKS: GPS at well



3160012-03
GW00264
F3

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° 39' 04"N, 89° 33' 59"W (WGS84/NAD83)
Collins quadrangle
Projection is UTM Zone 16 NAD83 Datum

M
G

M=0.045
G=-1.348