

ID 313859089335001

F5

WRD Exp. (GW)
April 1966

Well No.

WELL SCHEDULE

GW00263
DOT # 160012-01D

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

~~REPLACEMENT~~ ✓

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

MASTER CARD

Record by Oakley Source of data _____ Date 8-6-65 Map Collins

State Miss 8 59 28 County (or town) Covington 16

Latitude: 31 3 9 05 N Longitude: 08 9 33 5 X Sequential number: 1

Lat-long accuracy: 2 T. 8 S. R. 16 Sec. 24 NE, HW, HW NEW

Local well number: F 0 0 5 B 2 4 0 8 N 1 6 W Other number: B & M SW/NE/NW

Local use: 064 267 Owner or name: Collinswood Proc. Plant

Owner or name: COLLINSWOOD PROC. PLANT Address: Collins Miss

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) (T) (U) (V) (W) (X) (Y) (Z) IN N

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

DATA AVAILABLE: Well data Freq. W/L meas.: I Field aquifer char. Y

Hyd. lab. data: _____

Qual. water data; type: _____

Freq. sampling: _____ Pumpage inventory: yes no; period: _____

Aperture cards: _____ CTHLU yes 77

Log data: _____

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 164 ft 164 Meas. Layne Central 24 6

Depth cased: (first perf.) _____ ft 124 Casing type: _____; Diam. _____ in 18

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

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

Date Drilled: 1962 9 6 2 Pump intake setting: _____ ft _____

Driller: Layne Central name _____ address _____

Lift (type): (A) air, (B) bucket, (C) cent, (J) multiple, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other T Deep 39 Shallow 40

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. V Trans. or meter no. _____

Descrip. MP 1" vent at 1.8' 289 ft above LSD. Alt. MP 285 12/3/81

Alt. LSD: 34.77 225 Accuracy: 285 12/3/81 6

Water Level: 10 ft above below MP; Ft below LSD 12 Accuracy: _____

Date meas: 267 Yield: 74 gpm 711 Method determined 4

Drawdown: _____ ft Accuracy: _____ Pumping period: _____ hrs _____

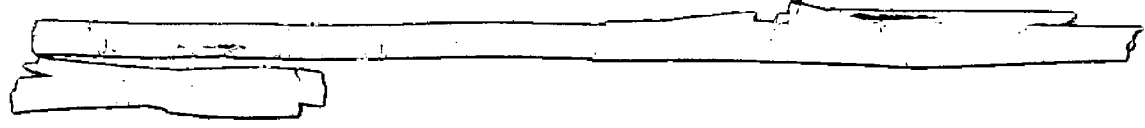
QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

Sp. Conduct _____ K x 10⁶ Temp. 64 °F 64 Date sampled No sample 267

Taste, color, etc. _____

12/3/81
43
6.41
34.59
1.28
34.77
285
35
250

Well No. F5



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

HYDROGEOLOGIC CARD

Physiographic Province: 03 **Section:** _____

Drainage Basin: D **Subbasin:** 13N

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

MAJOR AQUIFER: system _____ series TM aquifer, formation, group CA

Lithology: _____ **Origin:** _____ **Aquifer Thickness:** _____ ft

Length of well open to: _____ ft **Depth to top of:** _____ ft

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____

Lithology: _____ **Origin:** _____ **Aquifer Thickness:** _____ ft

Length of well open to: _____ ft **Depth to top of:** _____ ft

Intervals Screened: _____

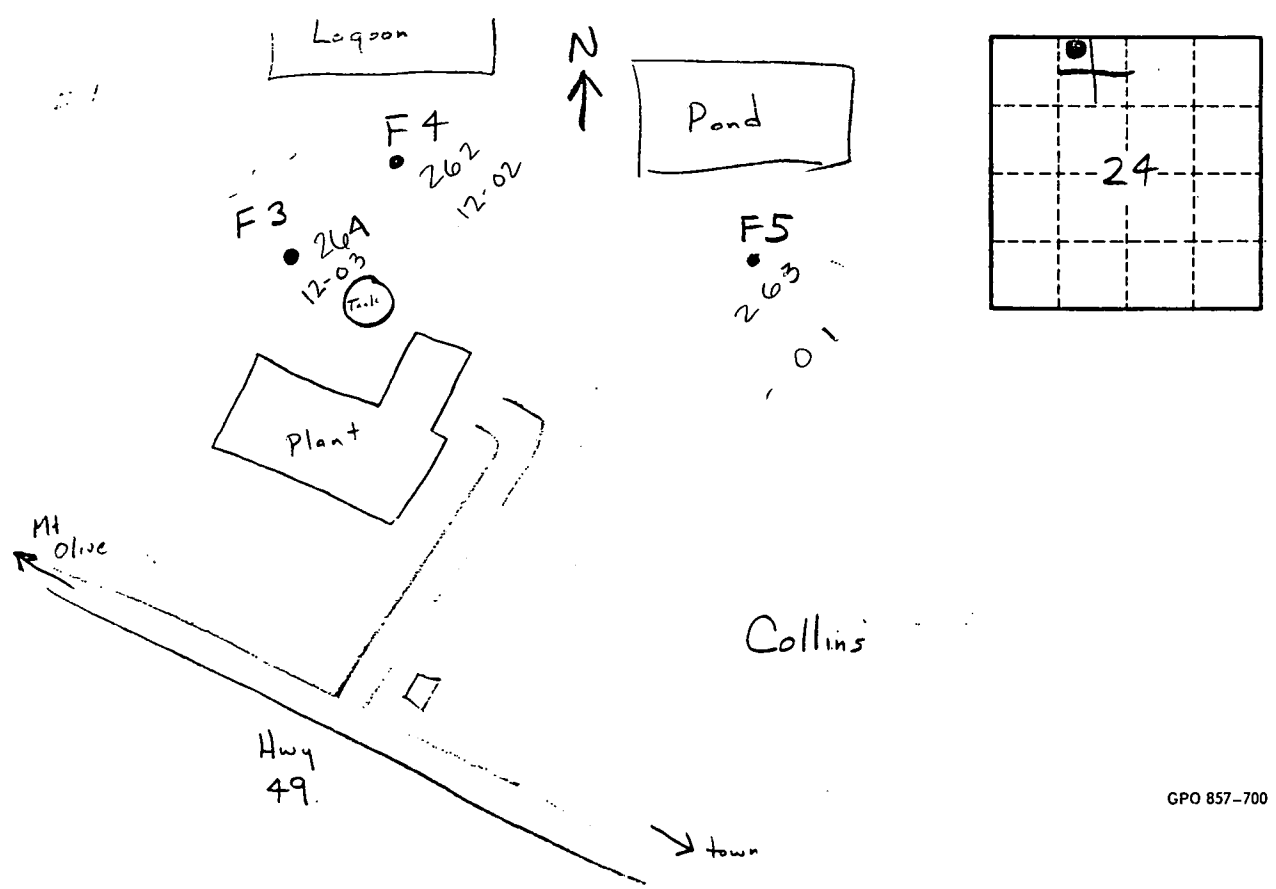
Depth to consolidated rock: _____ ft **Source of data:** _____

Depth to basement: _____ ft **Source of data:** _____

Surficial material: _____ **Infiltration characteristics:** _____

Trans: 23,200 gpd/ft **Coefficient Storage:** 173 0003

Perm: 230 170 gpd/ft²; **Spec cap:** _____ gpm/ft; **Number of geologic cards:** _____



Well No. F5

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

JAN 23 1995

Dept. of Environmental Quality Office of Land & Water Resources

This box is for office use only.

3-14-95 AGN.

FORM OLWR-001

Table with 4 columns: Issued, Expires, Fee Paid, Permit No.; Lat., Long., Elev., USGS No.; Quad., ASCS Farm No., STAC., MSDOH No.; Aquifer, Tract No., Basin No., Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): NEW PERMIT RENEWAL - PERMIT NO MS-GW-00263

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, Mississippi 39428 (City) (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 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.

SECTION B (to be completed for GROUNDWATER SOURCE)

1. AQUIFER: Miocene (Specifically Catahoula) MISSISSIPPI DEPARTMENT OF HEALTH NO.: 12-02

2. Proposed work will begin on _____, 19____, and will be completed by _____, 19____.

If well has already been drilled, when was well completed (date)? August _____, 19 62 Under whose name was well originally drilled (if known)? MEC (MISSISSIPPI FEDERATED CO-OPS)

3. Description of proposed or completed well:

(a) DEPTH OF WELL: 167' Feet. DRILLER: Lane Central, Jackson, Mississippi

(b) SURFACE CASING: Length 108' of 10" inter casing surf cast feet Diameter 10" inter casing surface inches; Type welded steel

(c) SCREEN: Length 40' feet; Diameter 10" inches; Type St. Steel Shutter

(d) PUMP: Type Vert. turbine, Size 10" ; Capacity 560 gallons per minute; Setting depth 110' feet

(e) POWER UNIT: Type Floway Peabody (Hollow Shaft) Size 25 horsepower

4. PERMITTED VOLUME :

(a) _____ acre-feet per year at a maximum rate of _____ gallons per minute

(b) 192 million gallons per day at a maximum rate of 560 gallons per minute

(CONTINUED ON BACK)

SECTION C

(to be completed for SURFACE WATER SOURCE)

- Source of water is from _____ which drains into _____
which drains into _____
(major stream or river)
- Description of pump/diversion works:
Pump (size & type): _____ Power Unit (size & type): _____
Lift: _____ feet Maximum capacity: _____ gallons per minute
- _____ 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)

- Name of storage reservoir: _____ Dam Height: _____ feet
- 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)

- IRRIGATION:** List the number of acres of each crop to be irrigated: Rice _____; Cotton _____; Oats _____; Corn _____; Soybeans _____; Pasture _____; Truck _____; Wheat _____; Grain Sorghum _____; 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.** _____
- FISH CULTURE:** Explain how water will be used: _____
How often will reservoir (s) be emptied and refilled? _____
- 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	95	1,000,000	2000	1,000,000	2005	1,000,000	2010
(Volume)	(Year)	(Volume)	(Year)	(Volume)	(Year)	(Volume)	(Year)

* 5 day work week
- INDUSTRIAL:** If the water is to be released into a watercourse, indicate the amount released each year 69,000,000 gallons
Rate of release 191,600 gal/day; NPDES Permit No. MS# 0000289
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
- RECREATION:** Explain how water will be used: _____
- OTHER USE:** Explain in detail (if needed, attach another page): N/A
- 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.

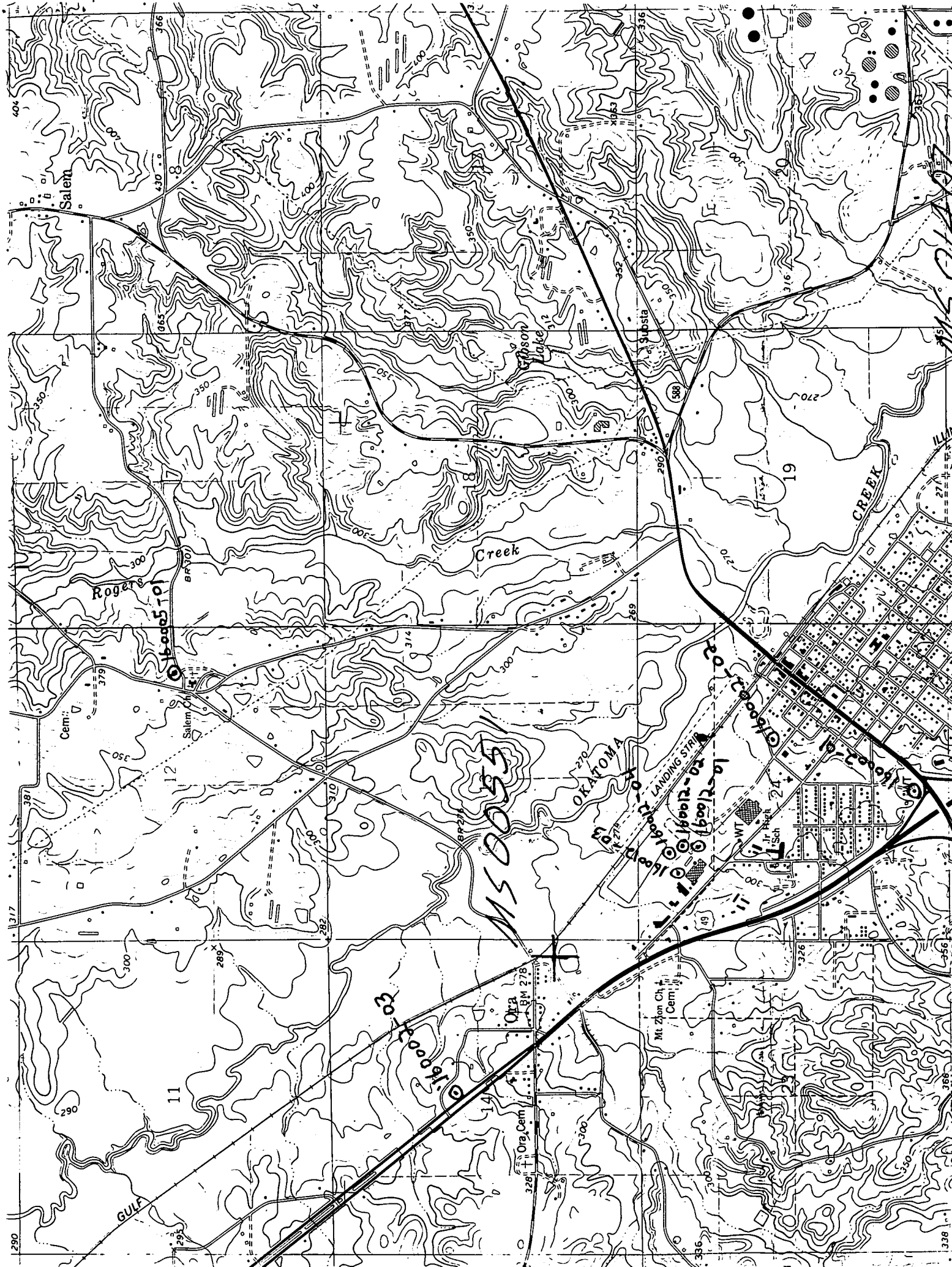
Todd B. Hinton
(Name)
P.O. Box 1329
(Address)
Collins, MS. 39428
(City, State, Zip)
(601) 765-8211 Ext. 272
(Telephone)

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 Conway

My commission expires YARAH DATTE, NOTARY PUBLIC
WINSTON COUNTY, STATE OF MISSISSIPPI
MY COMMISSION EXPIRES 4/17/96 Yarah Datte Notary Public.



GULF

Robinson

Okmulgee

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DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

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

UNIT DEQ #: 82859 FILE #: B071821B

HEALTH DEPT. #: 160012-01 ELEV. 285

USGS #: E-5 OLWR #: MS-GW-00243

OWNER: Sanderson Farms Poultry QUAD: Collins

LOCATION ^{SW} -NE-NW S 24 T 8N R 16W COUNTY: Covington

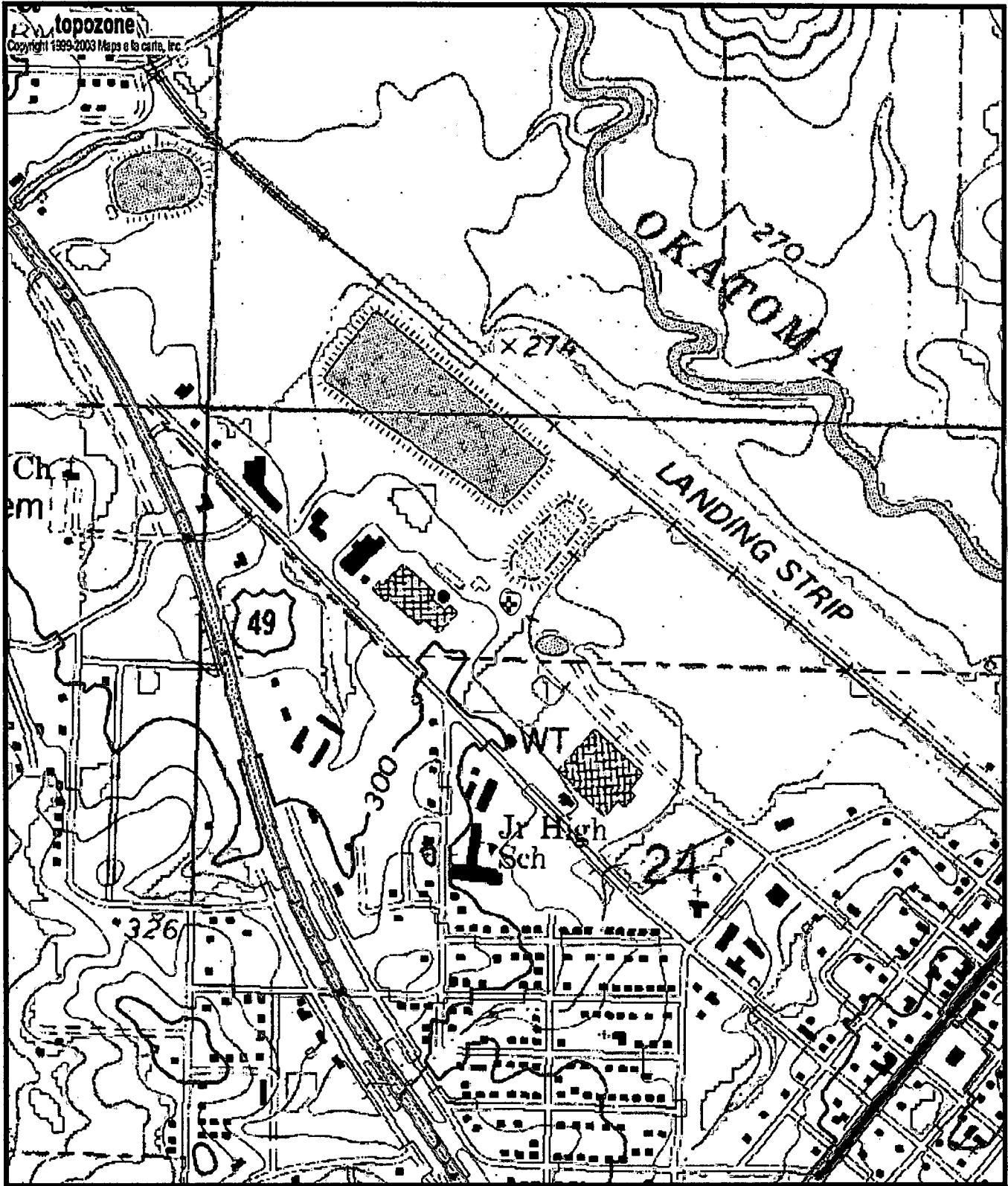
LOCATION DESCRIPTION: AT Sanderson Farms plant on old Hwy 49 N (Collins.)
Well is at SE corner of plant.

CASING DIA: _____ PUMP TYPE & SIZE: 25 HP Elec.

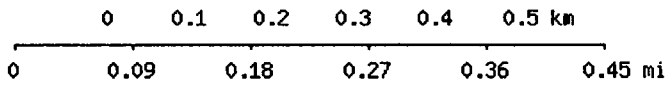
GPS FIELD LOCATION: LAT. 31° 39' 02.3" LONG. 89° 33' 52.2"

GPS CORRECTED LOCATION: LAT. 31.65037298 LONG. 89.56458614

REMARKS: GPS at well



0160012-01
6W00263
F5



Map center is 31° 39' 01"N, 89° 33' 53"W (WGS84/NAD83)
Collins quadrangle
 Projection is UTM Zone 16 NAD83 Datum



M=0.044
G=-1.347