

SITE ID - 3415 45 990 403001
FORM 9-1642 (1-68)

Well No. D11

WELL SCHEDULE

67C

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

MASTER CARD

Record by F.D. Source of data P.D.W.C. Date 4/7 Map _____

State 23 County (or town) 19

Latitude: 34 deg 15 min 45 sec N Longitude: 090 deg 40 min 30 sec W

Lat-long accuracy: 3 T 28 S, R 5 Sec 36 t, NW t, NW t

Local well number: D 2 2 3 6 2 2 N 2 2 2 2 Other number: _____ B & M _____

Local use: 0164 Owner of name: _____

Owner or name: F. A. R. E. L. L. W. A. Address: 1

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other _____

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. _____

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

Hyd. lab. data: _____

Qual. water data; type: USGS 2/74

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

Aperture cards: _____ yes _____

Log data: _____

Yes
NOV 20 1974

WL Data
12/1/88
WL 12.25
15H

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: TD 1251 ft Meas. rept 1330 accuracy _____

Depth cased: (first perf.) _____ ft Casing type: STEEL Diam 8 X 4 in

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (J) open end, (K) other _____

Method Drilled: (A) air rot., (B) bored, (C) cable, (D) dug, (E) hyd. rot., (F) jetted, (G) air percussion, (H) reverse, (I) rotary, (J) trenching, (K) driven, (L) wash, (M) other _____

Date Drilled: 9-6-7 Pump intake setting: _____ ft

Driller: Lammie, C.

Lift (type): (A) air, (B) bucket, (C) cent., (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot., (J) submerg, (K) turb., (L) other _____ Deep _____ Shallow _____

Power (type): (A) diesel, (B) elec., (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. _____ Trans. or meter no. _____

Descrip. MP _____ ft above _____ below LSD, Alt. MP _____

Alt. LSD: 163 Accuracy: (source) _____

Water Level: _____ ft above _____ below MP; _____ ft below LSD Accuracy: _____

Date meas: 10-21-74 Yield: 0.74 gpm Method determined _____

Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs

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

Sp. Conduct 1200 K x 10⁶ Temp. 5 °F Date sampled 12-21-74 0.74

Taste, color, etc. field pH = 8.3

FUNCTIONAL WELL IDENTIFICATION

Well No.

11211

Well No. D 11

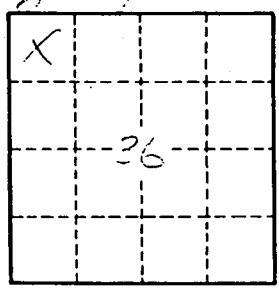
Latitude-longitude _____
 _____ d m s d m s

HYDROGEOLOGIC CARD

Physiographic Province: 03 Section: _____
 Drainage Basin: E Subbasin: 15H
 Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat
 MAJOR AQUIFER: system _____ series TE aquifer, formation, group WW
 Lithology: US Origin: S Aquifer Thickness: 186 ft
 Length of well open to: _____ ft 30 Depth to top of: _____ ft 327
 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: 4" ss.
 Depth to consolidated rock: _____ ft _____ Source of data: _____
 Depth to basement: _____ ft _____ Source of data: _____
 Surficial material: _____ Infiltration characteristics: _____
 Coefficient Trans: _____ gpd/ft _____ Coefficient Storage: _____
 Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

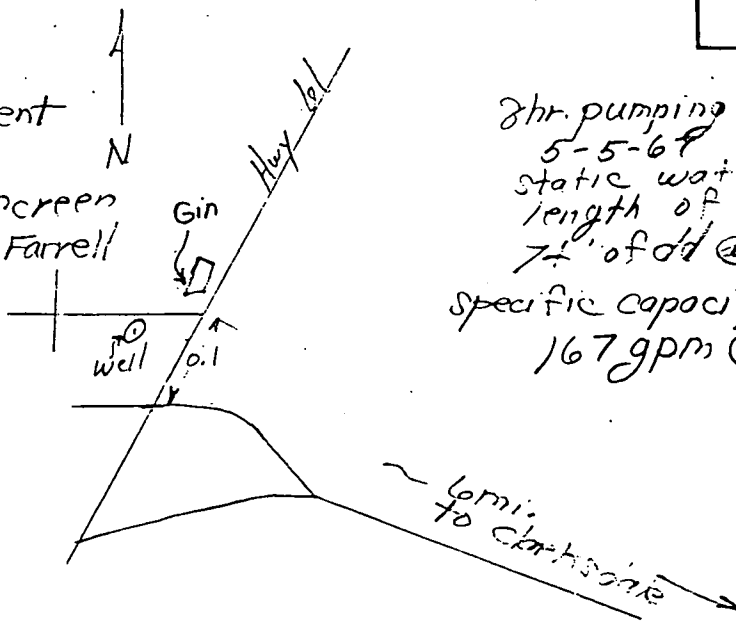
10-21-74, 66 customers water level, 10-21-74, @ 1550 2.29' below lsd

7,500 gal. pressure storage tank



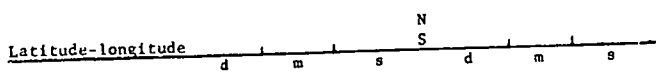
No way to measure Q for pumping test.

*350' of 8" set in cement
 980' of 4" screen
 30' of 4" Farrell*



*2hr. pumping test by driller
 5-5-68
 static water level = +2
 length of air line = 130'
 7' of ddd @ 115 gpm
 specific capacity = 1.55 gpm/ft. of ddd
 167 gpm @ open discharge*

Well No. _____



HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Province: 03 Section: _____

Drainage Basin: D Subbasin: 15A

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

MAJOR AQUIFER: system _____ series 06 aquifer, formation, group MIA

Lithology: 5R Origin: 2 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: 48' of 17"

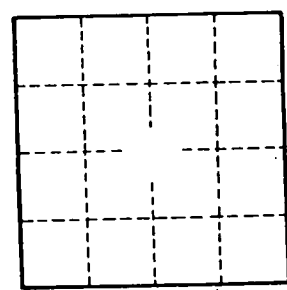
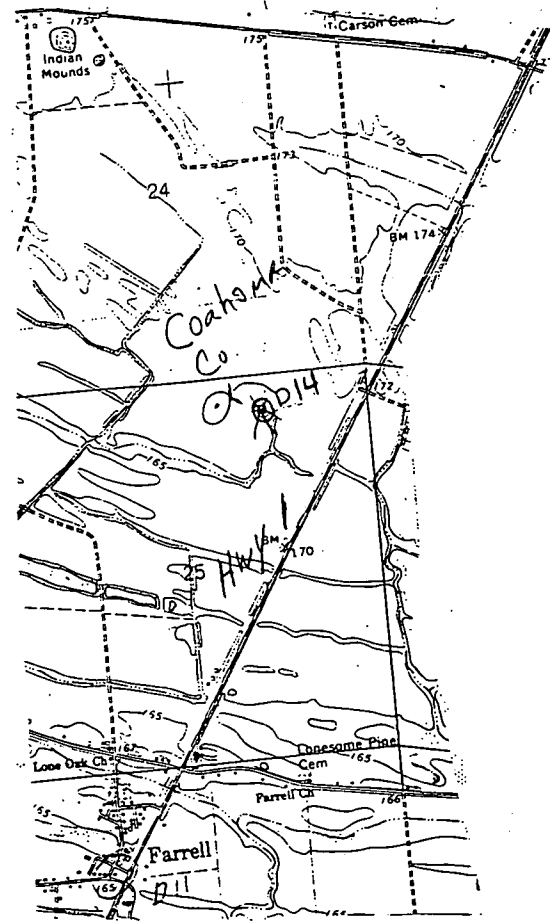
Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

Coefficient Perm: _____ gpd/ft; Spec cap: _____ gpm/ft; Number of geologic cards: _____



Well No. _____

Coahoma
D11
3-67
GW 05341

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

CODED

WATER WELL DRILLERS LOG

March 22, 19 67 Layne-Central Co. Coahoma
date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
Farell Water Association			
Farell, Mississippi (mailing address)	Clay	12	12
	sand-clay	60	48
	sand-gravel	105	45
	clay	220	115
	shale	310	90
	shale-sand sts	327	17
	sand	513	186
	sand-shale sts	555	42
	clay	640	85
	sandy clay	710	70
	sand	822	112
	clay-rock lens	1010	188
	sand-clay	1040	30
	clay	1080	40
	sandy clay	1250	170
	hard fine sand		
	& clay stks	1300	50
	sand	1346	46
	tough clay	1351	5

WELL LOCATION:

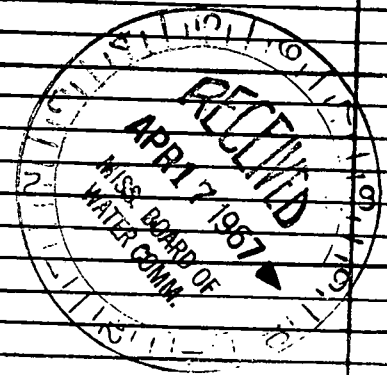
sec. 36 T 28 S R 5 E
at Farrell
(distance) (direction) (nearest town)

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

WELL COMPLETION DATA:

- (1) diameter (inches) 8"
- (2) total depth (feet) 1330'
- (3) static water level (feet) --- below/above top of ground.
- (4) casing steel pipe 350' (material), (depth)
- (5) screen 30' (length), 350' (depth to top), 4" Keystone s.s. (size), (material)
- (6) pump 10 (HP), 100 (yield gpm), electric (type power)
- (7) electric log no (yes or no), (organization running log)
- (8) how well bottom plugged ---

CODED



DRILLERS REMARKS:

RECEIVED
JUN 16 1998

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
Office of Land & Water Resources 10631, JACKSON, MS 39289-0631; (601) 961-5202

This box is for office use only. 10-99 AGN. FORM OLWR-AP-2 (REV. 9/94)

Issued: <u>1-12-88</u>	Expires: <u>1-12-2009</u>	Fee Paid: <u>X</u>	Permit No.
Lat. <u>34-15-44</u>	Long. <u>90-40-21</u>	Elev. <u>105</u>	USGS No. <u>D11</u>
Quad. <u>FRIARS POINT</u>	ASCS Farm No.	STAC.	MSDOH No.
Aquifer: <u>MUNX</u>	Tract No.		Basin No.
Remarks:			Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): **NEW PERMIT** RENEWAL - PERMIT NO. GW-5344

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

SECTION A (to be completed by ALL APPLICANTS)

LANDOWNER: Farrell Utility District 67-0734501
(Name) (SSN or Tax ID No.)
Post Office Box 121
(Address)
Farrell, Mississippi 38630 (601) 624-9598
(City) (State & Zip) (Telephone No.)

APPLICANT, AGENT, OR LESSEE (if different from Landowner):
(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):
SW SE 1/4 of the NW 1/4 of Section 36, Townsh. 28N, Range 5W, County Coahoma

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: MERIDIAN UPPER WILCOX MISSISSIPPI DEPARTMENT OF HEALTH NO.: 67-0734501

2. Proposed work will begin on _____, 19____, and will be completed by 3-22, 1967.
If well has already been drilled, when was well completed (date)? April 20, 1967. Under whose name was well originally drilled (if known)? Layne Central Company FARRELL WATER ASSN.

3. Description of proposed or completed well:
(a) DEPTH OF WELL: 1334 1330 feet; DRILLER: Layne Central Company
(b) SURFACE CASING: Length 350 (well) 980 feet; Diameter 8 (well) 4 inches; Type STEEL PIPE
(c) SCREEN: Length 30 feet; Diameter 4 inches; Type 304 Stainless Steel
(d) PUMP: Type ELECTRIC VERT. TURBINE 1071/2"; Capacity 100 gallons per minute; Setting depth 130 feet
(e) POWER UNIT: Type Electrical Motor; Size 10HP horsepower

4. PERMITTED VOLUME:
(a) _____ acre-feet per year at a maximum rate of _____ gallons per minute
(b) 0.04 million gallons per day at a maximum rate of 100 gallons per minute
2.05 BB 7.1.98 (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

N/A 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)

- 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. _____

- N/A 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

Chose "a" or "b". (a) The number of people served is _____ or (b) The number of connections is 99

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? 1.0 2003; 1.05 2008; 1.05 2013; 1.07 2018
(Volume) (Year) (Volume) (Year) (Volume) (Year) (Volume) (Year)

- N/A 4. INDUSTRIAL : If the water is to be released into a watercourse, indicate the amount released each year _____;

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: _____

6. OTHER USE: Explain in detail (if needed, attach another page): The water from this well is used for domestic and household use for customers and members of the Farrell Utility District.

7. REMARKS: _____

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

Freddie DeShazer

(Name)

P O Box 83 / 150 Second Street

(Address)

Farrell, MS 38630

(City, State, Zip)

(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.

Freddie DeShazer
(Signature)

Subscribed and sworn to before me this 12th day of June, 19 98, at Coahoma County of Mississippi

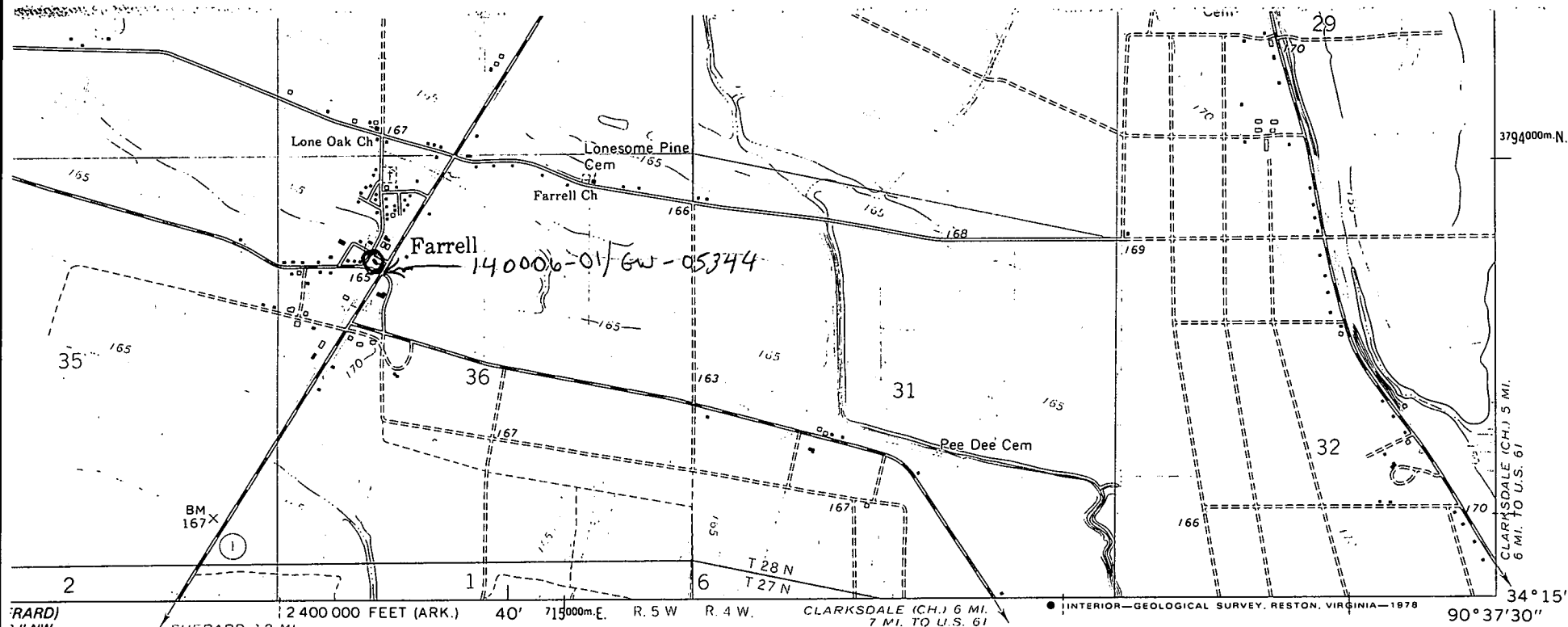
My commission expires My Commission Expires September 24, 1999 Patricia B. Carter Notary Public.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

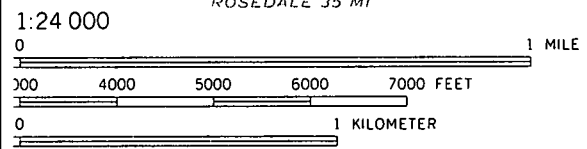
GPS LOG

USER NAME(S): Grantham DATE: 5-7-97
UNIT DEQ #: _____ FILE #: B050719A
HEALTH DEPT. #: 140006-01 ELEV. 165
USGS #: D-011 OLWR #: MS-GW-05344
OWNER: Farrell Wtr Assoc
LOCATION: NE 1/4 SW 1/4 S 36 T 28 N R 05 W COUNTY: Coahoma
LOCATION DESCRIPTION: Between Hwy 1 + Post Office

CASING DIA: _____ PUMP TYPE & SIZE: _____
GPS FIELD LOCATION: LAT. 34 15 44.5 LONG. 90 40 21.1
GPS CORRECTED LOCATION: LAT. 34.262360 LONG. 90.67251972
REMARKS: Triars Point Quad



(RARD)
 11 NW
 SHERARD 3.2 MI.
 ROSEDALE 35 MI

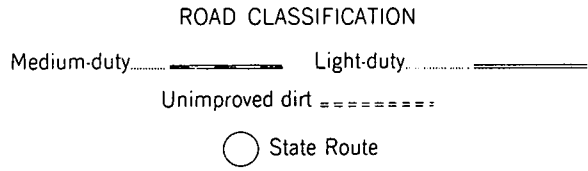


INTERVAL 5 FEET
 VERTICAL DATUM OF 1929



QUADRANGLE LOCATION

NATIONAL MAP ACCURACY STANDARDS
 DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
 FOR MORE INFORMATION, CONTACT THE NATIONAL CENTER FOR
 GEOGRAPHIC INFORMATION, LITTLE ROCK, ARKANSAS 72204
 FOR A COMPLETE LIST OF MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



(CLARKSDALE)
2852 11 NE

FRIARS POINT, MISS.-ARK.
 SW/4 FARRELL 15' QUADRANGLE
 N3415—W9037.5/7.5

1964

AMS 2852 I SW—SERIES V843